Citrix Provisioning 1811

Transition to PowerShell with Objects from PowerShell (Deprecated) Programmer's Guide

Revision 1
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Contents

Short command list

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Error codes

For the Citrix.PVS.SnapIn, if an error occurs, a PvsException will be in the Exception member of the $error.

The members of a PvsException are:

InnerException: The exception that occured. This exception maybe an EAException or other standard Exception.

ToString(): Has the formatted full Message of the InnerException.

If the InnerException GetType().Name equals "EAException", then The members of it are:

returnCode: The number, as shown below in the Error codes. The name of the error, for example "NotImplemented", is not included in the EAException.

Message: The message, as shown below in the Error codes. The [v1], [v2], [v3], [v4], and [v5] will be replaced with values as required.

Details: Has the Details for the EAException if there are any. OtherException, ManagementInterfaceError and PvsStatusException will have Details.

ToString(): Has the Message as shown below in the Error codes. If there is Details, it will be returned or included, and if partialReturn, they will be included.

partialReturn: Might have a list of EAException objects if any of the items processed during the command had any issues.

Severity: Can have the values Critical, Error, Warning or Duplicate.

Source: Has the value that is displayed in the Console as a Title or Type for the error.

   0 Success: The command succeeded.
   1 NotImplemented: The [v1] feature has not been implemented.
   2 InvalidCommand: The [v1] command does not exist.
   3 InvalidField: The [v1] field does not exist.
   4 InvalidFieldFormat: The [v1] field is not formatted properly, the correct format is [v2].
   5 InvalidParameter: The [v1] parameter is not valid.
   6 InvalidParameterFormat: The [v1] parameter is not formatted property, the correct format is [v2].
   7 ReadOnlyField: Unable to change the [v1] field because it is read-only.
   8 RequiredFieldMissing: The required [v1] field is missing.
   9 RequiredFieldsMissing: The required [v1] or [v2] field is missing.
  10 RequiredParameterMissing: The required [v1] parameter is missing.
  11 RequiredParametersMissing: The required [v1] or [v2] parameter is missing.
  12 InternalIdAndNameFieldsMustBeDefined: An internal error occurred. The [v1] field is not the next FieldSettings object after the ID.
  13 NoFarmAccess: The domain/user does not have access to the Farm.
  14 InvalidForeignKeyValue: The [v1] field with value [v2] is an invalid foreign key.
  15 SetupError: The system was not configured correctly.
  16 Executing: The [v1] command can only be called one at a time. Wait for the command to finish before running again.
  17 NoDiskMapped: A vDisk has not yet been mapped.
  18 DatabaseError: A database error occurred.

19 DuplicateKey: To avoid creating a duplicate key, the Add or Set command was cancelled.
20 DatabaseErrorMissed: An internal error occurred. An uncaught database error occurred.
21 AddCommandFailed: No objects were added during the last 'Add' command.
22 InsufficientPrivileges: Access denied. The appropriate privileges are not assigned to perform this task.
23 ZeroObjectsAffected: No object was added, updated, or deleted in the last operation.
24 OtherException: An unexpected MAPI error occurred.
25 InvalidFieldLength: The [v1] field value is too long, maximum length is [v2].
26 InvalidFieldValueMinMax: The [v1] field value is invalid, the minimum is [v2] and the maximum is [v3].
27 InvalidFieldValue: The [v1] field can only have values [v2] or [v3].
28 TooManyParameters: More parameters were specified than permitted.
29 TooFewParameters: Not enough identifying parameters specified.
30 FollowingParametersMissing: To use the [v1] parameter, [v2] or [v3] must also be used.
31 InconsistentData: The action is canceled because the Store directory date/times does not match. Update the Store directories to match.
32 DatabaseOpenFailed: Unable to contact the database server. Ensure Citrix Provisioning server is configured correctly.
33 DatabaseVersionWrong: The wrong database version is being used. Found version number: [v1] Expected version number: [v2]
34 DatabaseVersionNotFound: The database version number does not exist or was not found. Ensure Citrix Provisioning server is configured correctly.
35 SomeRequiredParametersMissing: Required parameters are missing.
36 PartialError: The following items failed:
    item1 Error message...
    item2 Error message...
37 NoItemsToProcess: There are no items to process.
38 NoDefaultCollectionDefined: Unable to add a Device until a default Collection is set.
39 NoDefaultSiteDefined: A default Site is not set, no Devices can be added.
40 InvalidCollection: The specified Collection does not exist.
41 InvalidAuthGroup: The specified AuthGroup does not exist.
42 InvalidGroup: The specified Group does not exist.
43 InvalidDevice: The specified Device does not exist.
44 InvalidDiskLocator: The specified vDisk does not exist.
45 InvalidServer: The specified Server does not exist.
46 InvalidServerSite: Server specified is not in the Site specified.
47 InvalidStoreSite: Store specified is not for the Site specified.
48 InvalidSiteView: The specified Site View does not exist.
49 InvalidSite: The specified Site does not exist.
50 InvalidDeviceDiskLocator: The specified Device or vDisk does not exist.
51 InvalidDeviceImport: Import failed because the file must have Device Name, Mac Address, Site Name, and Collection Name, and they must be tab or comma-delimited.
52 InvalidServerFrom: The Server to copy [v1]=[v2] was not found.
53 InvalidServerTo: No Server to copy to ([v1]=[v2]) was found.
54 InvalidDeviceFrom: The Device to copy [v1]=[v2] was not found.
55 InvalidDeviceTo: No Devices to copy to are found.
56 InvalidDiskFrom: The vDisk to copy [v1]=[v2] was not found.
57 InvalidDiskTo: No vDisk to copy to ([v1]=[v2]) was found.

58 InvalidDiskPath: The path '[v1]' to the vDisk file is not found.
59 VDiskFileNotFound: [v1]: vDisk file was not found.
60 InvalidDiskServer: There is no Server that can serve the vDisk [v1] or the Store to which this vDisk belongs. Verify that one or more Servers belonging to the Store are online and that there is sufficient free space for the operation you are attempting.
61 InvalidDiskForServer: Server [v1] cannot access all versions of vDisk [v2], the vDisk was updated on at least one other Server.
62 SameSiteRequired: Objects within the same Site must be selected.
63 TooFewFields: Not enough fields for a record.
64 ADerrorDC: Unable to connect to the Domain Controller (if any) or the default rootDSE. Error code: [v1], message: [v2], provider: [v3].
65 ADerrorOU: Unable to get the Organizational Unit setting (if any). Error code: [v1], message: [v2], provider: [v3].
66 ADerrorDefaultContainer: Unable to get the default computer accounts container (default location is Active Directory root> Computers). Error code: [v1], message: [v2], provider: [v3].
67 ADerrorCreate: Unable to create the computer account in Active Directory. Ensure the account does not already exist and that the appropriate permissions are available to perform this task. Error code: [v1], message: [v2], provider: [v3].
68 ADerrorNewAccount: Unable to get the newly created Active Directory computer account. Error code: [v1], message: [v2], provider: [v3].
69 ADerrorSam: Unable to set the Active Directory samAccountName property. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
70 ADerrorUserAccount: Unable to set the Active Directory userAccountControl property. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
71 ADerrorSave: Unable to save Active Directory change. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
72 ADerrorSetPassword: Unable to set a new password for this user account. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
73 ADerrorAddTrustee: Unable to add trustee (if any). Error code: [v1], message: [v2], provider: [v3].
74 ADerrorEnableAccount: Unable to enable the Active Directory account. Error code: [v1], message: [v3], provider: [v2].
75 ADerrorAlreadyExists: The computer name is already in use. Error code: [v1], message: [v3], provider: [v2]. Select a unique name for this machine.
76 ADerrorGeneral: A general Active Directory error occurred. Error code: [v1], message: [v2], provider: [v3].
77 ADerrorDirectorySearch: Unable to find Active Directory items meeting the search criteria entered. Error code: [v1], message: [v2], provider: [v3].
78 ADerrorSearchComputerAccount: Unable to perform the computer accounts search. Error code: [v1], message: [v2], provider: [v3].
79 ADerrorComputerAccountNotFound: Specified computer account not found. Error code: [v1], message: [v2], provider: [v3].
80 ADerrorComputerAccountHold: This computer account is currently unavailable. Ensure that Active Directory is running properly. Error code: [v1], message: [v2], provider: [v3].
81 ADerrorComputerAccountMove: Failed to move the computer account to the target organizational unit set (also returned if caller lacks permission). Error code: [v1], message: [v2], provider: [v3].

82 ADerrorDelete: Unable to delete this computer account. Ensure the
   appropriate permissions exist to perform this task. Error code: [v1],
   message: [v2], provider: [v3].
83 ADerrorPasswordGeneration: Unable to generate this password. Ensure the
   appropriate permissions exist to perform this task.
84 MapDiskNoDriver: Unable to map vDisk because a driver was not found.
85 MapDiskDeniedByServer: Unable to map the vDisk. Mapping was denied by
   the Server.
86 MapDiskLocalAccessDenied: Unable to map the vDisk. Denied local access.
87 MapDiskMiniportError: Unable to map vDisk because of a Miniport error.
88 UnmapDiskFailed: Failed to unmap a vDisk.
89 DuplicateDisk: The vDisk [v1] already exists on [v2] at [v3].
90 DuplicateDiskLocator: A DiskLocator: [v1] already exists on Site: [v2].
91 DiskCreationInProgress: The vDisk [v1] is being created on [v2] at [v3].
92 InvalidServerStore: A database integrity error occurred. The Server is
   not set to deliver vDisks from the Store, but should be.
93 InvalidStore: The specified Store does not exist.
94 InvalidFarmView: Farm View specified does not exist.
95 InvalidStorePath: Store path is empty.
96 ManagementInterfaceError:
   Management Interface: Undefined error.
   Management Interface: Database interface is inaccessible.
   Management Interface: Database interface library is inaccessible.
   Management Interface: The database access library is a version
       incompatible with the Management Server.
   Management Interface: Database interface library is invalid.
   Management Interface: Database interface could not be created.
   Management Interface: Database could not be opened.
   Management Interface: Database is in use.
   Management Interface: Database error occurred.
   Management Interface: Not implemented.
   Management Interface: Registry entry was not found.
   Management Interface: Request was not created.
   Management Interface: Operating System error occurred.
   Management Interface: vDisk error.
   Management Interface: vDisk header is incomplete.
   Management Interface: vDisk footer is incomplete.
   Management Interface: vDisk boot record is incomplete.
   Management Interface: vDisk boot sector is incomplete.
   Management Interface: vDisk size is below the minimum.
   Management Interface: vDisk size is above the maximum.
   Management Interface: vDisk boot record template is inaccessible.
   Management Interface: vDisk boot sector template is inaccessible.
   Management Interface: vDisk lock was not found.
   Management Interface: vDisk has exclusive lock.
   Management Interface: vDisk has shared lock.
   Management Interface: vDisk lock error.
   Management Interface: vDisk format is incompatible.
   Management Interface: vDisk prefooter is incomplete.
   Management Interface: vDisk creation is in progress.
   Management Interface: vDisk creation information was not found.
   Management Interface: vDisk creation cancellation was requested.
   Management Interface: vDisk file was not found.
   Management Interface: vDisk file path was not found.
   Management Interface: vDisk file access was denied.
   Management Interface: Cancelled.
   Management Interface: Registry key for the product is inaccessible.

Management Interface: Registry key for the installation folder is
    inaccessible.
Management Interface: Registry key for the management interface is
    inaccessible.
Management Interface: Registry key for the database path is
    inaccessible.
Management Interface: Registry key for the management interface IP
    address is inaccessible.
Management Interface: Buffer size is too small.
Management Interface: Buffer size is too large.
Management Interface: Unknown error.
Management Interface: Remote Server failed to relay a request.
Management Interface: Remote Server is not servicing the Device.
Management Interface: Remote Server or Device refused the request.
Management Interface: Local Server failed to complete a request to a
    Server or Device.
Management Interface: Local Server failed to complete a request to a
    Server.
Management Interface: Remote requests were disabled because of an
    initialization error.
Management Interface: Remote request failed.
Management Interface: Remote request timed out.
Management Interface: Remote request result was not found.
Management Interface: Remote request receiver failed to initialize.
Management Interface: Management command failed for all objects.
Management Interface: Failed to get the preshared key in secure
    version.
Management Interface: VHD Error.
Management Interface: vDisk properties were lost.
Management Interface: Insufficient Memory.
Management Interface: The network path was not found.
Management Interface: The network name cannot be found.
Management Interface: File already exists.
Management Interface: The geometry of the vDisk is not accessible.
Management Interface: Unable to create the vDisk because the store
    media is read-only.
Management Interface: vDisk file is being used by another process.

 97 ServerTimeout: Server did not respond to a request in time.
 98 NotFound: [v1] not found.
 99 AccountRetrieve: Account information for user [v1] was not found.
100 ActiveDevice: The task cannot be performed on active Devices. Shut down
    the Devices before attempting to perform the task.
101 ActiveDiskLocator: The task cannot be performed on active vDisks. Shut
    down the Devices that are using the vDisks before attempting to
    perform the task.
102 AssignedDiskLocator: Unable to delete a vDisk that is currently assigned
    to a Device. Unassign all Devices, then delete the vDisk.
103 ActiveServer: The task cannot be performed on active Servers. Shut down
    the Servers before attempting to perform the task.
104 NotEnoughFreeDiskSpace: There is not enough free disk space to create
    the vDisk.
105 InvalidDiskName: The vDisk name has one or more invalid characters. The
    invalid characters are < > | " \ / : * ?.
106 CannotDeleteLastAuthGroup: Deleting the last Authorization Group causes
    the system to be inoperable.
107 CannotDeleteUsedAuthGroup: An Authorization Group that is currently in
    use cannot be deleted.

108 ServerStartFailed: The Server did not start successfully. Ensure the
        appropriate permissions exist for the service account.
109 ServerStopFailed: The Server did not stop successfully.
110 LockOwnerNotFound: The Device that owns the lock was not found, the
        vDisk was not unlocked.
111 PossiblySharedVDisk: Unable to delete File [v1]. It is possible that the
        file is being referenced in other Sites or Stores.
112 StorePathInaccessible: The Store path [v1] is inaccessible.
113 InvalidAction: The [v1] action does not exist.
114 InvalidObjectType: The [v1] objectType does not exist.
115 TooManyRecords: The amount of data returned using Get is too large. Use
        GetFirst and GetNext instead of Get.
116 InvalidUserGroup: The specified UserGroup does not exist.
117 InvalidAuditAction: The specified AuditAction does not exist.
118 LoginFailed: The database login failed. Ensure the appropriate
        permissions exist to access the database.
119 DatabaseConnectionError: Unable to connect to the database. Restore the
        connection in order to manage the farm.
120 CreateTriggersParsing: Unable to parse the database script
        'CreateTriggers' at: [v1]
121 CreateStoredProcParsing: Unable to parse the database script
        'CreateStoredProcedures' at: [v1]
122 MediaIsReadOnly: Management Interface: Unable to create the vDisk
        because the store media is read-only.
123 ConnectedDeviceForVirtualHostingPool: Unable to delete this VM from a
        machine catalog because it is connected to a Delivery Group.
124 ADerrorDN: Unable to get the distinguishedName property. Ensure the
        appropriate Active Directory permissions exist to perform this task.
        Error code: [v1], message: [v2], provider: [v3].
125 ADerrorGetSecDes: Unable to get the Active Directory Security Descriptor
        property. Error code: [v1], message: [v2], provider: [v3].
126 ADerrorSetSecDes: Unable to set the Active Directory Security Descriptor
        property. Ensure the appropriate permissions exist to perform this
        task. Error code: [v1], message: [v2], provider: [v3].
127 ADerrorDNSHostName: Unable to set the DNS Host Name property
        (dNSHostName). Ensure the appropriate permissions exist to perform
        this task. Error code: [v1], message: [v2], provider: [v3].
128 ADerrorDisplayName: Unable to set the displayName property. Error code:
        [v1], message: [v2], provider: [v3].
129 ADerrorBind: This device was unable to bind to the Domain Controller.
        Ensure the Domain Controller is running. Error code: [v1], message:
        [v2], provider: [v3].
130 ADerrorGetSPN: Unable to get an Active Directory Service Principal Name.
        Error code: [v1], message: [v2], provider: [v3].
131 ADerrorWriteSPN: Unable to write the Active Directory Service Principal
        Name. Error code: [v1], message: [v2], provider: [v3]
132 ADerrorSearch: Unable to perform the requested Search. Error code: [v1],
        message: [v2], provider: [v3].
133 ADerrorMoveToOU: Unable to move the Active Directory account to the
        requested Organizational Unit. Ensure the appropriate permissions
        exist to perform this task. Error code: [v1], message: [v2], provider:
        [v3].
134 ADerrorDeleteAccount: Unable to delete this computer account. Ensure the
        appropriate permissions exist to delete accounts. Error code: [v1],
        message: [v2], provider: [v3].
135 ADerrorBadParameters: Incorrect parameters sent to Citrix Provisioning
        from Studio. Error code: [v1], message: [v2], provider: [v3].

136 VolumeInUse: The volume is being used.
137 VolumeAccessDenied: Volume access is denied.
138 VolumeUnknownVolume: An unknown volume was specified.
139 VolumeGeneralError: An error occured when executing a volume command.
140 MaintenanceServerError: Action cannot be performed, [v1] is a
    maintenance server for [v2].
141 NotManagedStore: The action cannot be performed because the store is not
    managed.
142 PathNotExist: The path does not exist on the given Server.
143 PathNoCreatePermission: The path does not have the appropriate create
    permissions.
144 PathNoReadPermission: The path does not have the appropriate read
    permissions.
145 PathNoWritePermission: The path does not have the appropriate write
    permissions.
146 PathNoDeletePermission: The path does not have the appropriate delete
    permissions.
147 IPCProtocolError: An internal error occurred. A field is missing from
    the process communication protocol data.
148 InvalidStoreServer: No active Server can serve the Store [v1].
149 ConstraintCheck: A database constraint caused an Add or Update to be
    stopped.
150 VamtNotFound: The Volume Activation Management Tool cannot be found.
151 ADerrorCannotGetObjectSID: Cannot return objectSID. Error code: [v1],
    message: [v2], provider: [v3].
152 ADerrorCannotDisableAccount: Cannot disable the Active Directory account
    at this time. Ensure that all account users are logged off before
    attempting to disable the account. Error code: [v1], message: [v2],
    provider: [v3].
153 ADerrorFailedToChangePassword: Unable to reset the machine account
    password. Ensure the appropriate permissions exist to perform this
    Active Directory task. Error code: [v1], message: [v2], provider:
    [v3].
154 ADerrorFailedToCopyDCName: Unable to copy the Domain Controller name.
    Error code: [v1], message: [v2], provider: [v3].
155 ADerrorDCNameIsTooLong: The Domain Controller name entered exceeds the
    maximum character length of [v4]. Error code: [v1], message: [v2],
    provider: [v3].
156 SiteMakUserPassword: The Site's makUser and makPassword fields must have
    values.
157 VamtError: See the log for additional error details.
158 InactiveDevice: Device specified is not active.
159 DiskIsInPrivateMode: This task cannot be performed because the vDisk is
    in private image mode.
160 AlreadyInChangeMode: Unable to complete this operation, vDisk is already
    in Maintenance, Merge, or Test mode.
161 CannotCreateMaintenanceDisk: Cannot create maintenance vDisk.
162 CannotEnterMaintenanceMode: To place a vDisk in Maintenance Mode
    requires using a Server. No Server is available at this time.
163 NotInMaintenanceMode: Unable to perform this action because the vDisk is
    not in Maintenance Mode.
164 NoVersionForMaintenanceMode: Unable to place this vDisk in Maintenance
    Mode because the highest version is not found.
165 NoVersionFound: Unable to perform this action because a version record
    was not found in the database.
166 Obsolete: The [v1] feature is obsolete.
167 DatabaseWarning: A database warning occurred.

168 DatabaseSQL: A database SQL error occurred.
169 DatabaseResource: A database resource error occurred.
170 InvalidUpdateTask: The specified UpdateTask does not exist.
171 InvalidVirtualHostingPool: The specified VirtualHostingPool does not
    exist.
172 RemoteCommand: An exception occurred executing a command on a remote
    Server.
173 IpcNotConfigured: An internal error occurred. The process communication
    interface must be configured before executing remote commands.
174 DiskAlreadSetForUpdate: The vDisk is already set for Update with Device
    [v1] in Site [v2].
175 InvalidDiskVersion: The vDisk Version specified is not valid.
176 HostResolution: Could not resolve the host name for [v1].
177 InProcess: The remote task is taking longer than expected. TaskId: [v1]
178 DateMustBeInFuture: The [v1] must be in the future.
179 InvalidRemoteReturn: The remote command did not return valid data.
180 InvalidParameterValueMinMax: The [v1] parameter value is invalid, the
    minimum is [v2] and the maximum is [v3].
181 InvalidParameterNotNumeric: The [v1] parameter value is invalid, it is
    not numeric.
182 InvalidParameterNotGuid: The [v1] parameter value is invalid, it is not
    a GUID.
183 PassThroughMessage: [v1]
184 DiskUpdateNotEnabled: The Automatic vDisk Update option must be enabled
    and the vDisk Update Server must be defined. Set these in the Site
    properties.
185 PvsStatusException:
    Windows API error occurred, number 0xE000FFFF.
    SQL error occurred, number 0xE001FFFF.
    Manager error occurred. Error number 0xE002FFFF.
    StreamProcess error occurred. Error number 0xE003FFFF.
    Stream Database error occurred. Error number 0xE004FFFF.
    Management error occurred. Error number 0xE005FFFF.
    Shutdown in progress; request ignored. Error number 0xE0050001.
    CreateDiffDisk: Malformed packet; missing one or more arguments. Error
        number 0xE0050002.
    DeleteDiffDisk: Malformed file name; cannot parse directory and name.
        Error number 0xE0050003.
    DeleteDiffDisk: Malformed packet; missing one or more arguments. Error
        number 0xE0050004.
    IPC: Failed to read mtGetLocks parameters. Error number 0xE0050005.
    IPC: Failed to read mtGetLockStatus parameters. Error number
        0xE0050006.
    IPC: Failed to read mtLock parameters. Error number 0xE0050007.
    IPC: Failed to read mtUnlock parameters. Error number 0xE0050008.
    MergeDisk event: Malformed packet; unknown message type. Error number
        0xE0050009.
    MergeDisk event: Unknown target request ID. Error number 0xE005000A.
    MergeDisk event: Malformed packet; missing one or more arguments.
        Error number 0xE005000B.
    MergeDisk: Malformed packet; missing one or more arguments. Error
        number 0xE005000C.
    ValidateDisk: Malformed packet; missing one or more arguments. Error
        number 0xE005000D.
    VHD Library error occurred. Error number 0xE006FFFF.
    VHD Library: Not implemented. Error number 0xE0060001.
    VHD Library: Handle pointer is invalid. Error number 0xE0060002.

VHD Library: Length of the path exceeds the limit of the file system.
    Error number 0xE0060003.
VHD Library: Name is empty. Error number 0xE0060004.
VHD Library: Length of the name exceeds the limit of the file system.
    Error number 0xE0060005.
VHD Library: Size of a parameter was too big. Error number 0xE0060006.
VHD Library: Size of a parameter was too small. Error number
    0xE0060007.
VHD Library: The media is write protected. Error number 0xE0060008.
VHD Library: Type is invalid. Error number 0xE0060009.
VHD Library: Footer is incomplete. Error number 0xE006000A.
VHD Library: Failed to read or write the entire VHD Header. Error
    number 0xE006000B.
VHD Library: Failed to read or write the entire VHD Block Allocation
    Table. Error number 0xE006000C.
VHD Library: Failed to read or write all of the VHD properties. Error
    number 0xE006000D.
VHD Library: VHD footer is corrupt. Error number 0xE006000E.
VHD Library: VHD header is corrupt. Error number 0xE006000F.
VHD Library: Failed to read or write the VHD objects. Error number
    0xE0060010.
VHD Library: Destination string is too small. Error number 0xE0060011.
VHD Library: Destination string pointer is NULL. Error number
    0xE0060012.
VHD Library: Source string pointer is NULL. Error number 0xE0060013.
VHD Library: Offset is before the beginning of the VHD data area.
    Error number 0xE0060014.
VHD Library: Offset is after the end of the VHD data area. Error
    number 0xE0060015.
VHD Library: Failed to allocate memory because it was unavailable.
    Error number 0xE0060016.
VHD Library: Caller cancelled the last create request. Error number
    0xE0060017.
VHD Library: Failed to read or write all of the data as requested.
    Error number 0xE0060018.
VHD Library: Failed to create a Universal Unique Identification for a
    VHD. Error number 0xE0060019.
VHD Library: Failed to find the VHD properties. Error number
    0xE006001A.
VHD Library: Failed to read or write the entire sector bitmap within a
    block. Error number 0xE006001B.
VHD Library: Failed to read or write the entire block. Error number
    0xE006001C.
VHD Library: Failed to open the file that represents the VHD. Error
    number 0xE006001D.
VHD Library: Requested number of bytes exceeds the remainder of bytes
    in a block. Error number 0xE006001E.
VHD Library: Accessed past end of the VHD file. Error number
    0xE006001F.
VHD Library: Differencing VHD Unique ID (UUID) differs to parent VHD
    Unique ID. Error number 0xE0060020.
VHD Library: Differencing VHD timestamp differs to parent VHD last
    modified time. Error number 0xE0060021.
VHD Library: Failed to read or write the entire VHD Block Allocation
    Table Map. Error number 0xE0060022.
IPC error occurred. Error number 0xE007FFFF.
There was an unknown transmission error. Error number 0xE0070001.

No response received for successful send. Error number 0xA0070002.
Message processor timed out. Error number 0xE0070003.
Retry limit exhausted. Error number 0xE0070004.
Message recipient task is not active. Error number 0xE0070005.
Socket send/recv cannot be retried. Error number 0xE0070006.
Port shutdown due to connection opens exhausted. Error number
    0xE0070007.
Port shutdown due to flood of junk packets. Error number 0xE0070008.
Port shutdown due to receive retries exhausted. Error number
    0xE0070009.
Transport does not support fragmentation. Error number 0xE007000A.
One or more packet fragments are missing. Error number 0xE007000B.
Error sending message. Error number 0xE0070100.
Message acknowledgement timeout. Error number 0xA0070101.
Command timeout. Error number 0xE0070102.
Not implemented. Error number 0xE0070103.
Error verifying message port number, must be >= 0 and <= 65535. Error
    number 0xE0070104.
Command initialization failed. Error number 0xE0070105.
Start of IPC failed. Error number 0xE0070106.
Stop of IPC failed. Error number 0xE0070107.
Memory allocation failure. Error number 0xE0070108.
Internal error, failure to wait long enough for a communication
    response to be received. Error number 0xE0070109.
Disk Update error occurred. Error number 0xE008FFFF.
Inventory error occurred. Error number 0xE009FFFF.
Inventory Table: Failed to start thread. Error number 0xE0090001.
Inventory Table: Invalid Entry. Error number 0xE0090002.
Inventory Table: Failed to initialize inventory. Error number
    0xE0090003.
Shutdown in progress; request ignored. Error number 0xE0090004.
Get Disk Inventory: Parameters bad. Error number 0xE0090033.
Populate database: Failed offline. Error number 0xE0090065.
Populate database: Server get by name failed. Error number 0xE0090066.
Populate database: Uninitialized. Error number 0xE0090067.
Populate database: Get host name failed. Error number 0xE0090068.
Populate database: Char conversion failed. Error number 0xE0090069.
Populate database: Initialization failed. Error number 0xE009006A.
Populate database: Database open failed. Error number 0xE009006B.
Populate database: Get all disk locators failed. Error number
    0xE009006C.
Inventory Table: Not yet implemented. Error number 0xE009006D.
Notifier error occurred. Error number 0xE00AFFFF.
MAPI error occurred. Error number 0xE00BFFFF.

186 TaskCancelled: Task [v1] is cancelled and is not running.
187 TaskCompleted: Task [v1] has been completed and is not running.
188 TaskInProgress: Task [v1] is running and cannot be processed.
189 InvalidTask: The specified Task does not exist.
190 InventoryServerCannotContactDatabase: The Inventory Service cannot
    contact the database.
191 ServerOffline: The Server is offline.
192 ServerStateUnknown: The Server state is unknown.
193 HighestVersionIsPending: Could not complete this action because
    the highest vDisk version is still pending. The scheduled date for
    the version has not occurred yet.
194 MergeInvalidWithCurrentVersions: Merge is not valid with the current
    versions that exist.

195 DiskInventoryError: vDisk versions are not up to date on all Servers
    that access this vDisk. Update all Servers with the latest versions of
    the vDisk files.
196 VDiskFileNotFoundWarning: [v1]: vDisk file was not found because it was
    deleted.
197 CannotAssignActiveServer: Stop the Server before attempting to assign
    the Server to a different site.
198 CannotAssignServerWithActiveDevice: Before attempting to assign the
    Server to a different site, shut down Devices connecting to the
    Server, then shut down the Server.
199 MappedDiskLocator: The vDisk is mapped and cannot be changed.
200 InvalidTemplateDevice: The Template Device must be a Production Device
    that does not have a Personal vDisk.
201 DeviceWithPersonalVDiskInvalid: Unable to process a Device that uses a
    personal vDisk.
202 CreatingDisk: Server is creating a vDisk so change cannot be done.
203 AssignedDiskLocatorToDeviceWithPersonalvDisk: Unable to delete a vDisk
    if the vDisk is currently assigned to a Device that uses a Personal
    vDisk. Unassign the Device, then delete the vDisk.
204 InvalidMacAddress: The MAC address for this VM is invalid. Configure the
    VM with a valid MAC address.
205 CannotGetMacFromHypervisor: The hypervisor did not return the MAC
    address for this VM: [v1]
206 Win32SystemException: A system error occurred.
207 RemoteManagementIpCannotBeResolved: Unable to resolve the management IP
    for Server [v1].
208 LocalManagementIpNotSet: The management IP for local server [v1] is not
    set in registry IPC\IPv4Address.
209 PerformVolumeMaintenanceTaskPermissions: Ensure the Service Account user
    has the appropriate 'Perform volume maintenance task' permissions.
210 CannotLoginToVirtualHostingPool: Unable to log on to the virtual hosting
    pool [v1]. Ensure that the hypervisior server is running properly.
211 VirtualHostingPoolNotSetForDevice: The virtualHostingPoolId for device
    [v1] with bdmBoot must be set.
212 ActiveBdmBootDeviceCannotProcess: The Boot Device Manager [v1] did not
    process successfully.
213 CannotMovePvdDeviceToAnotherSite: Personal vDisk Devices cannot be moved
    to another site.
214 XenDesktopSiteInvalid: Citrix Virtual Desktops Site for Devices is not
    valid, the Citrix Virtual Desktops Site is: [v1]
215 XenDesktopServiceListOutOfDate: Citrix Virtual Desktops Site [v1] is not
    reachable, check that the Citrix PVS Soap Server service user has
    Citrix Virtual Desktops permissions and network connectivity.
216 NoXenDesktopServiceForPersonalVDiskCapability: No Citrix Virtual
    Desktops service found for Personal vDisk capability.
217 InsufficientPermissionsToPreparePersonalVDisks: The user account for the
    Citrix PVS Soap Server has insufficient permissions to prepare
    Personal vDisks.
218 NotEnoughFreeDiskSpaceForManifest: There is not enough free disk space
    to create the manifest.
219 OperationCannotBeDoneOnlyPvdDevicesAssigned: Operation cannot be done,
    only Personal vDisk Devices are assigned.
220 DiskFormatCannotBeSetToVHD: The format cannot be set to VHD since no VHD
    vDisk file is found in the path, [v1], for Server, [v2].
221 DiskFormatCannotBeSetToVHDX: The format cannot be set to VHDX since no
    VHDX vDisk file is found in the path, [v1], for Server, [v2].

```
222 TemporaryVersionIsSet: This task cannot be performed because a temporary
       version is set.
223 DiskIsUsingPersistentCacheOnServer: A temporary version cannot be used
       for a vDisk that is using persistent cache on server.
224 UploadAlreadyInProgress: An upload is already in progress by Server
       [v1].
225 FieldMustBeNull: Field [v1] must be null.
226 DuplicateData: Record already exists in [v1] table for Farm.
227 CisUploadTokenGenerateError: Error generating upload token for My Citrix
       username [v1] ([v2]).
228 InvalidCredentials: The username or password is incorrect.
229 NoWriteAccessToFolders: No write access to folders [v1] or [v2].
230 ReportCreationError: Error creating problem report: [v1].
231 PvsProxyNotSupported: PVS Proxy not supported on this host
232 CannotCreateRegKey: Cannot create Registry key [v1]
4100 ADerrorUnexpectedError: An unexpected Active Directory related error
       occured. Ensure the appropriate permissions exist to perform this
       task. Error code: [v1], message: [v2], provider: [v3].
```

Mcli-Add

```
Mcli-Add commandName[ -r field=value[, field2=value2]]
```

Mcli-Add AuthGroup

```
Add an Active Directory or Windows Group for authorization.
```

New-PvsAuthGroup

```
Create a new authorization AuthGroup for an Active Directory or Windows
  Group.
  -r                            Record to add. All record fields that do not
                                have a Default are required.
  All parameters that do not have a Default are required, unless only a
                  few of a group are required.
    authGroupName               Name of the Active Directory or Windows
                                Group. Max Length=450
     string Name or AuthGroupName: Name of the Active Directory or Windows
                    Group. Max Length=450
    description                 User description. Default="" Max Length=250
     string Description: User description. Default="" Max Length=250
    Optional
     SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
    resultId                    If successful, the GUID of the record added.
     PvsAuthGroup: If successful, the new PvsAuthGroup object is returned.
```

Mcli-Add CeipData

```
Add a new entry to CeipData table.
```

New-PvsCeipData

```
Create a new entry for CeipData table.
  -r                            Record to add. All record fields that do not
                                have a Default are required.
  All parameters that do not have a Default are required, unless only a
                  few of a group are required.
```

```
        enabled                      1 if CEIP is enabled, otherwise 0. Min=0,
                                     Max=1
         uint Enabled: 1 if CEIP is enabled, otherwise 0. Min=0, Max=1
        nextUpload                   Date and time next CEIP upload is due if
                                     enabled is 1. Default=null
          DateTime NextUpload: Date and time next CEIP upload is due if enabled
                        is 1. Default=Empty
        inProgress                   1 if an upload is currently in progress,
                                     otherwise 0. Default=0
         uint InProgress: 1 if an upload is currently in progress, otherwise
                        0. Default=0
        serverId                     ID of server that is currently uploading,
                                     null if inProgress is 0. Default=null
                                     Length=36
         Guid ServerId: ID of server that is currently uploading, null if
                        InProgress is 0. Default=00000000-0000-0000-0000-
                        000000000000
        oneTimeUpload                1 to perform a one time upload. Default=0
          uint OneTimeUpload: 1 to perform a one time upload. Default=0
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
      resultId                       If successful, the GUID of the record added.
         PvsCeipData: If successful, the new PvsCeipData object is returned.
```

Mcli-Add CisData

```
  Add a new entry to CisData table.
```

New-PvsCisData

```
  Create a new entry for CisData table.
    -r                           Record to add. All record fields that do not
                                 have a Default are required.
      All parameters that do not have a Default are required, unless only a
                    few of a group are required.
      userName                   Username used to obtain the token
                                 Default=null Max Length=255
         string UserName: Username used to obtain the token Max Length=255
      path                       Path where the last problem report bundle
                                 was saved Default=null Max Length=255
         string Path: Path where the last problem report bundle was saved
                    Default="" Max Length=255
      password                   Password of the user required to obtain the
                                 token. This is required only by Set and Add
         string Password: Password of the user required to obtain the token.
                    This is required only by Set and Add
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
      resultId                       If successful, the GUID of the record added.
         PvsCisData: If successful, the new PvsCisData object is returned.
```

Mcli-Add Collection

```
Add a Collection to a Site.
```

New-PvsCollection

```
Create a new Collection for a Site.
    -r                          Record to add. All record fields that do not
                                have a Default are required.
     All parameters that do not have a Default are required, unless only a
                    few of a group are required.
    collectionName              Name of the Collection. It is unique within
                                the Site. Max Length=50
       string Name or CollectionName: Name of the Collection. It is unique
                        within the Site. Max Length=50
    siteId                      GUID of the Site that this Collection is a
                                member of. It is not used with siteName.
                                Length=36
       Guid SiteId: GUID of the Site that this Collection is a member of. It
                        is not used with SiteName.
    siteName                    Name of the Site that this Collection is a
                                member of. It is not used with siteId.
       string SiteName: Name of the Site that this Collection is a member
                        of. It is not used with SiteId.
    description                 User description. Default="" Max Length=250
       string Description: User description. Default="" Max Length=250
    lastAutoAddDeviceNumber     The Device Number of the last Auto Added
                                Device. Default=0
       uint LastAutoAddDeviceNumber: The Device Number of the last Auto
                        Added Device. Default=0
    enabled                     1 when Devices in the Collection can be
                                booted, 0 otherwise. Default=1
       SwitchParameter Disabled: If -Disabled is specified, the Devices in
                        the Collection can not be booted. By default the
                        Devices can be booted.
    autoAddPrefix               The string put before the Device Number for
                                Auto Add. Default=null ASCII computer name
                                characters no end digit Max Length=12
       string AutoAddPrefix: The string put before the Device Number for
                        Auto Add. Default="" ASCII computer name characters
                        no end digit Max Length=12
    autoAddSuffix               The string put after the Device Number for
                                Auto Add. Default=null ASCII computer name
                                characters no begin digit Max Length=12
       string AutoAddSuffix: The string put after the Device Number for Auto
                        Add. Default="" ASCII computer name characters no
                        begin digit Max Length=12
    autoAddZeroFill             1 when zeros be placed before the Device
                                Number up to the autoAddNumberLength for
                                Auto Add, 0 otherwise. Default=1
       SwitchParameter NoAutoAddZeroFill: If -NoAutoAddZeroFill is
                        specified, zeros will not be placed before the
                        Device Number up to the AutoAddNumberLength for Auto
                        Add.
    autoAddNumberLength         The maximum length of the Device Number for
                                Auto Add. This length plus the autoAddPrefix
                                length plus the autoAddSuffix length must be
                                less than 16. Required that
```

```
                              ((lenautoAddPrefix+lenautoAddSuffix)+autoAdd
                              NumberLength)<=15. Min=3, Max=9, Default=4
          uint AutoAddNumberLength: The maximum length of the Device Number for
                              Auto Add. This length plus the AutoAddPrefix length
                              plus the AutoAddSuffix length must be less than 16.
                              Required that
                              ((lenautoAddPrefix+lenautoAddSuffix)+AutoAddNumberLe
                              ngth)<=15. Min=3, Max=9, Default=4
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                              Confirm is specified, the operation will be
                              confirmed. $ConfirmPreference can be set to "low" to
                              have confirmation without the Confirm parameter.
      resultId                      If successful, the GUID of the record added.
        PvsCollection: If successful, the new PvsCollection object is returned.
```

Mcli-Add Device

```
  Add a new Device to a collection.
```

New-PvsDevice

```
  Add a new Device to a Collection.
    -r                            Record to add. All record fields that do not
                              have a Default are required.
      All parameters that do not have a Default are required, unless only a
                    few of a group are required.
      deviceName                  Computer name with no spaces. ASCII computer
                              name characters Max Length=15
        string Name or DeviceName: Computer name with no spaces. ASCII
                        computer name characters Max Length=15
      collectionId                GUID of the Collection this Device is to be
                              a member of. It is not used with
                              collectionName. Length=36
        Guid CollectionId: GUID of the Collection this Device is to be a
                        member of. It is not used with CollectionName.
      collectionName              Name of the Collection this Device is to be
                              a member of. siteName or siteId must also be
                              used.
        string CollectionName: Name of the Collection this Device is to be a
                        member of. SiteName or SiteId must also be used.
      siteId                      GUID of the Site the collectionName is to be
                              a member of. This or siteName is used with
                              collectionName.
        Guid SiteId: GUID of the Site the CollectionName is to be a member
                        of. This or SiteName is used with CollectionName.
      siteName                    Name of the Site the collectionName is to be
                              a member of. This or siteId is used with
                              collectionName.
        string SiteName: Name of the Site the CollectionName is to be a
                        member of. This or SiteId is used with
                        CollectionName.
      description                 User description. Default="" Max Length=250
        string Description: User description. Default="" Max Length=250
      deviceMac                   Ethernet address as a string in the form XX-
                              XX-XX-XX-XX-XX. Uniquely identifies the
                              Device. Length=17
        PvsPhysicalAddress DeviceMac: Ethernet address can have the form XX-
                        XX-XX-XX-XX-XX. Uniquely identifies the Device.
```

```
bootFrom                    Device to boot from. Choices are 1 for
                            vDisk, 2 for Hard Disk, and 3 for Floppy.
                            This cannot be Set for a Device with
                            Personal vDisk. Min=1, Max=3, Default=1
   uint BootFrom: Device to boot from. Choices are 1 for vDisk, 2 for
                Hard Disk, and 3 for Floppy. Min=1, Max=3, Default=1
className                   Used by Automatic Update feature to match
                            new versions of Disks to a Device. This
                            cannot be Set for a Device with Personal
                            vDisk. Default="" Max Length=41
   string ClassName: Used by Automatic Update feature to match new
                versions of Disks to a Device. Default="" Max
                Length=41
port                        UDP port to use with Stream Service.
                            Min=1025, Max=65534, Default=6901
   uint Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                Default=6901
enabled                     1 when it can be booted, 0 otherwise. This
                            cannot be Set for a Device with Personal
                            vDisk. Default=1
   SwitchParameter Disabled: If -Disabled is specified, the Device can
                not be booted. By default the Device can be booted.
localDiskEnabled            If there is a local disk menu choice for the
                            Device, this is 1. This cannot be Set for a
                            Device with Personal vDisk. Default=0
   SwitchParameter LocalDiskEnabled: If -LocalDiskEnabled is specified,
                there will be a local disk menu choice for the
                Device.
authentication             Device log in authentication. Choices are 0
                            for none, 1 for User Name/Password, and 2
                            for Extern. This cannot be Set for a Device
                            with Personal vDisk. Min=0, Max=2, Default=0
   uint Authentication: Device log in authentication. Choices are 0 for
                none, 1 for User Name/Password, and 2 for Extern.
                Min=0, Max=2, Default=0
user                        Name of user to authenticate before the boot
                            process continues. This cannot be Set for a
                            Device with Personal vDisk. Default="" ASCII
                            Max Length=20
   string User: Name of user to authenticate before the boot process
                continues. Default="" ASCII Max Length=20
password                    Password of user to authenticate before the
                            boot process continues. This cannot be Set
                            for a Device with Personal vDisk. Default=""
                            ASCII Max Length=100
   string Password: Password of user to authenticate before the boot
                process continues. Default="" ASCII Max Length=100
copyTemplate               1 if the Template Device for the collection,
                            if it exists, should be used for the
                            property settings of the added Device.
                            Default=0
   SwitchParameter CopyTemplate: If -CopyTemplate is specified, the
                Template Device for the collection, if it exists,
                will be used for the property settings of the new
                Device.
adTimestamp                The time the Active Directory machine
                            account password was generated. Do not set
```

                              this field, it is only set internally by
                              PVS. Default=0
  uint AdTimestamp: The time the Active Directory machine account
                     password was generated. Do not set this field, it is
                     only set internally by PVS. Default=0
adSignature   The signature of the Active Directory
                              machine account password. Do not set this
                              field, it is only set internally by PVS.
                              Default=0
  uint AdSignature: The signature of the Active Directory machine
                     account password. Do not set this field, it is only
                     set internally by PVS. Default=0
adPassword   The Active Directory machine account
                              password. Do not set this field, it is only
                              set internally by PVS. Default="" ASCII Max
                              Length=256
  string AdPassword: The Active Directory machine account password.
                     Default="" ASCII Max Length=256
logLevel   Level to perform logging at. Values are: 0
                              (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                              (Info), 5 (Debug), and 6 (Trace). Min=0,
                              Max=6, Default=0
  uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
                     (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                     (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName   Fully qualified name of the domain that the
                              Device belongs to. Do not set this field, it
                              is only set internally by PVS. Default=null
                              Max Length=255
  string DomainName: Fully qualified name of the domain that the Device
                     belongs to. Do not set this field, it is only set
                     internally by PVS. Default="" Max Length=255
domainObjectSID   The value of the objectSID AD attribute of
                              the same name for the Device's computer
                              account. Do not set this field, it is only
                              set internally by PVS. Default=null Max
                              Length=186
  string DomainObjectSID: The value of the objectSID AD attribute of
                     the same name for the Device's computer account. Do
                     not set this field, it is only set internally by
                     PVS. Default="" Max Length=186
domainControllerName   The name of the DC used to create the host's
                              computer account. Do not set this field, it
                              is only set internally by PVS. Default=null
                              Max Length=4000
  string DomainControllerName: The name of the DC used to create the
                     host's computer account. Do not set this field, it
                     is only set internally by PVS. Default="" Max
                     Length=4000
domainTimeCreated   The time that the computer account was
                              created. Do not set this field, it is only
                              set internally by PVS. Format is: YYYY-MM-DD
                              HH:MM:SS.SSS Default=null
  DateTime DomainTimeCreated: The time that the computer account was
                     created. Has the date and time including
                     milliseconds. Do not set this field, it is only set
                     internally by PVS. Default=Empty


```
type                       1 when it performs test of Disks, 2 when it
                           performs maintenance on Disks, 3 when it has
                           a Personal vDisk, 4 when it has a Personal
                           vDisk and performs tests, 0 otherwise.
                           Min=0, Max=2, Default=0
  uint Type: 1 when it performs test of Disks, 2 when it performs
                  maintenance on Disks, 0 otherwise. Min=0, Max=2,
                  Default=0
localWriteCacheDiskSize    The size in GB to format the Device cache
                           file disk. If the value is 0, then the disk
                           is not formatted. Min=0, Max=2048, Default=0
  uint LocalWriteCacheDiskSize: The size in GB to format the Device
                  cache file disk. If the value is 0, then the disk is
                  not formatted. Min=0, Max=2048, Default=0
virtualHostingPoolId       GUID that uniquely identifies the Virtual
                           Hosting Pool for a VM. This is needed when
                           Adding a VM device. Default=null Length=36
  Guid VirtualHostingPoolId: GUID that uniquely identifies the Virtual
                  Hosting Pool for a VM. This is needed when Adding a
                  VM device. Default=00000000-0000-0000-0000-
                  000000000000
hypVmId                    Hypervisor VM ID for HCL Default=null Max
                           Length=250
  string HypVmId: Hypervisor VM ID for HCL Default="" Max Length=250
bdmBoot                    Use PXE boot when set to 0, BDM boot when
                           set to 1. Default is PXE Default=0
  SwitchParameter BdmBoot: If -BdmBoot is 0, use PXE, 1 use BDM. PXE
                  boot is used by default.
bdmType                    Use PXE boot when set to 0, BDM (Bios) boot
                           when set to 1 and BDM (Uefi) boot when set
                           to 2.  Default=0
  uint BdmType: Use PXE boot when set to 0, BDM (Bios) boot when set to
                  1 and BDM (Uefi) boot when set to 2.  Default=0
bdmFormat                  1 use VHD for BDMboot, 2 use ISO, 3 use USB.
                           Default=0
  uint BdmFormat: 1 use VHD for BDMboot, 2 use ISO, 3 use USB.
                  Default=0
bdmUpdated                 Timestamp of the last BDM boot disk update.
                           Default=null
  DateTime BdmUpdated: Timestamp of the last BDM boot disk update.
                  Default=Empty
bdmCreated                 Timstamp when BDM device was
                           created  Default=null
  DateTime BdmCreated: Timstamp when BDM device was
                  created  Default=Empty
xsPvsProxyUuid             UUID of XenServer PVS_proxy Default=null
                           Length=36
  Guid XsPvsProxyUuid: UUID of XenServer PVS_proxy Default=00000000-
                  0000-0000-0000-000000000000
enableXsProxy              Enable XenServerProxy when set to 1
                           Default=null
  string EnableXsProxy: Enable XenServerProxy when set to 1 Default=""
Optional
  SwitchParameter Confirm: The impact of this operation is "low". If -
                  Confirm is specified, the operation will be
                  confirmed. $ConfirmPreference can be set to "low" to
                  have confirmation without the Confirm parameter.
```

```
       resultId                        If successful, the GUID of the record added.
```
PvsDevice: If successful, the new PvsDevice object is returned.

Mcli-Add DeviceWithPersonalvDisk

```
   Add a new Device with Personal vDisk to a collection.
```
New-PvsDeviceWithPersonalvDisk
Add a new Device with Personal vDisk to a collection.
```
     -r                               Record to add. All record fields that do not
                                      have a Default are required.
```
All parameters that do not have a Default are required, unless only a
few of a group are required.
```
     deviceName               Computer name with no spaces. ASCII computer
                              name characters Max Length=15
```
string Name or DeviceName: Computer name with no spaces. ASCII
computer name characters Max Length=15
```
     collectionId             GUID of the Collection this Device with
                              Personal vDisk is to be a member of. It is
                              not used with collectionName. Length=36
```
Guid CollectionId: GUID of the Collection this Device with Personal
vDisk is to be a member of. It is not used with
CollectionName.
```
     collectionName               Name of the Collection this Device with
                                  Personal vDisk is to be a member of.
                                  siteName or siteId must also be used.
```
string CollectionName: Name of the Collection this Device with
Personal vDisk is to be a member of. SiteName or
SiteId must also be used.
```
     diskLocatorId            GUID of the Disk Locator to update with this
                              Device.
```
Guid DiskLocatorId: GUID of the Disk Locator to update with this
Device.
```
     siteId                   GUID of the Site the collectionName is to be
                              a member of. This or siteName is used with
                              collectionName.
```
Guid SiteId: GUID of the Site the CollectionName is to be a member
of. This or SiteName is used with CollectionName.
```
     siteName                 Name of the Site the collectionName is to be
                              a member of. This or siteId is used with
                              collectionName.
```
string SiteName: Name of the Site the CollectionName is to be a
member of. This or SiteId is used with
CollectionName.
```
     description              User description. Default="" Max Length=250
```
string Description: User description. Default="" Max Length=250
```
     deviceMac                Ethernet address as a string in the form XX-
                              XX-XX-XX-XX-XX. Uniquely identifies the
                              Device with Personal vDisk. Length=17
```
PvsPhysicalAddress DeviceMac: Ethernet address can have the form XX-
XX-XX-XX-XX-XX. Uniquely identifies the Device with
Personal vDisk.
```
     port                     UDP port to use with Stream Service.
                              Min=1025, Max=65534, Default=6901
```
uint Port: UDP port to use with Stream Service. Min=1025, Max=65534,
Default=6901
```
     adTimestamp              The time the Active Directory machine
                              account password was generated. Do not set
```

this field, it is only set internally by
PVS. Default=0

uint AdTimestamp: The time the Active Directory machine account
password was generated. Do not set this field, it is
only set internally by PVS. Default=0

adSignature   The signature of the Active Directory
                          machine account password. Do not set this
                          field, it is only set internally by PVS.
                          Default=0

uint AdSignature: The signature of the Active Directory machine
account password. Do not set this field, it is only
set internally by PVS. Default=0

logLevel   Level to perform logging at. Values are: 0
                          (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                          (Info), 5 (Debug), and 6 (Trace). Min=0,
                          Max=6, Default=0

uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
(Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
(Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName   Fully qualified name of the domain that the
                          Device with Personal vDisk belongs to. Do
                          not set this field, it is only set
                          internally by PVS. Default=null Max
                          Length=255

string DomainName: Fully qualified name of the domain that the Device
with Personal vDisk belongs to. Do not set this
field, it is only set internally by PVS. Default=""
Max Length=255

domainObjectSID   The value of the objectSID AD attribute of
                          the same name for the Device with Personal
                          vDisk's computer account. Do not set this
                          field, it is only set internally by PVS.
                          Default=null Max Length=186

string DomainObjectSID: The value of the objectSID AD attribute of
the same name for the Device with Personal vDisk's
computer account. Do not set this field, it is only
set internally by PVS. Default="" Max Length=186

domainControllerName   The name of the DC used to create the host's
                          computer account. Do not set this field, it
                          is only set internally by PVS. Default=null
                          Max Length=4000

string DomainControllerName: The name of the DC used to create the
host's computer account. Do not set this field, it
is only set internally by PVS. Default="" Max
Length=4000

domainTimeCreated   The time that the computer account was
                          created. Do not set this field, it is only
                          set internally by PVS. Format is: YYYY-MM-DD
                          HH:MM:SS.SSS Default=null

DateTime DomainTimeCreated: The time that the computer account was
created. Has the date and time including
milliseconds. Do not set this field, it is only set
internally by PVS. Default=Empty

type   3 when it has a Personal vDisk, 4 when it
                          has a Personal vDisk and performs tests.
                          Min=3, Max=4, Default=3

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```
            uint Type: 3 when it has a Personal vDisk, 4 when it has a Personal
                      vDisk and performs tests. Min=3, Max=4, Default=3
    pvdDriveLetter              Personal vDisk Drive letter. Range is F to
                               Z. Default=null Max Length=1
      string PvdDriveLetter: Personal vDisk Drive letter. Range is F to Z.
                      Default="" Max Length=1
    localWriteCacheDiskSize   The size in GB to format the Device cache
                               file disk. If the value is 0, then the disk
                               is not formatted. Min=0, Max=2048, Default=0
      uint LocalWriteCacheDiskSize: The size in GB to format the Device
                      cache file disk. If the value is 0, then the disk is
                      not formatted. Min=0, Max=2048, Default=0
    bdmBoot                     Use BDM instead of PXE boot when set to 1.
                               Default=0
      SwitchParameter BdmBoot: If -BdmBoot is specified, user BDM instead
                      of PXE boot. PXE boot is used by default.
    xdSiteId                    GUID of the XenDesktop Site. Default=null
                               Length=36
      Guid XdSiteId: GUID of the XenDesktop Site. Default=00000000-0000-
                      0000-0000-000000000000
    xdCatalogId                 Integer identifier of the XenDesktop
                               Catalog. Default=null
      uint XdCatalogId: Integer identifier of the XenDesktop Catalog.
                      Default=""
    virtualHostingPoolId       GUID that uniquely identifies the Virtual
                               Hosting Pool for a VM. This is needed when
                               Adding a VM device. Default=null Length=36
      Guid VirtualHostingPoolId: GUID that uniquely identifies the Virtual
                      Hosting Pool for a VM. This is needed when Adding a
                      VM device. Default=00000000-0000-0000-0000-
                      000000000000
    enableXsProxy               Enable XenServerProxy when set to 1
                               Default=null
      string EnableXsProxy: Enable XenServerProxy when set to 1 Default=""
      Optional
      SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
  resultId                      If successful, the GUID of the record added.
      PvsDeviceWithPersonalvDisk: If successful, the new
                      PvsDeviceWithPersonalvDisk object is returned.
```

Mcli-Add DiskLocator

```
  Add a Disk Locator to a Site. The Disk file must already exist.
```

New-PvsDiskLocator

```
  Create a new Disk Locator for a Site. The Disk file must already exist.
    -r                          Record to add. All record fields that do not
                               have a Default are required.
      All parameters that do not have a Default are required, unless only a
                      few of a group are required.
    diskLocatorName             Name of the Disk Locator File. It is unique
                               within the Store. ASCII Max Length=52
      string Name or DiskLocatorName: Name of the Disk Locator File. It is
                      unique within the Store. ASCII Max Length=52
```

```
siteId                    GUID of the Site this DiskLocator is to be a
                          member of. It is not used with siteName.
                          Length=36
  Guid SiteId: GUID of the Site this DiskLocator is to be a member of.
               It is not used with SiteName.
siteName                  Name of the Site this DiskLocator is to be a
                          member of. It is not used with siteId.
  string SiteName: Name of the Site this DiskLocator is to be a member
                   of. It is not used with SiteId.
storeId                   GUID of the Store that this Disk Locator is
                          a member of. siteName or siteId must also be
                          used. It is not used with storeName.
                          Length=36
  Guid StoreId: GUID of the Store that this Disk Locator is a member
                of. SiteName or SiteId must also be used. It is not
                used with StoreName.
storeName                 Name of the Store that this Disk Locator is
                          a member of. siteName or siteId must also be
                          used. It is not used with storeId.
  string StoreName: Name of the Store that this Disk Locator is a
                    member of. SiteName or SiteId must also be used. It
                    is not used with StoreId.
description               User description. Default="" Max Length=250
  string Description: User description. Default="" Max Length=250
menuText                  Text that is displayed in the Boot Menu. If
                          this field has no value, the name value is
                          used. Default="" ASCII Max Length=64
  string MenuText: Text that is displayed in the Boot Menu. If this
                   field has no value, the name value is used.
                   Default="" ASCII Max Length=64
serverId                  GUID of the single Server that this Disk
                          Locator is assigned to. It is not used with
                          serverName. Default=null Length=36
  Guid ServerId: GUID of the single Server that this Disk Locator is
                 assigned to. It is not used with ServerName.
                 Default=00000000-0000-0000-0000-000000000000
serverName                Name of the single Server that this Disk
                          Locator is assigned to. It is not used with
                          serverId. Default=null
  string ServerName: Name of the single Server that this Disk Locator
                     is assigned to. It is not used with ServerId.
                     Default=""
enabled                   1 when this disk can be booted, 0 otherwise.
                          Default=1
  SwitchParameter Disabled: If -Disabled is specified, the disk can not
                            be booted. By default the disk can be booted.
rebalanceEnabled          1 when this Server can automatically
                          rebalance Devices, 0 otherwise. Default=0
  SwitchParameter RebalanceEnabled: If -RebalanceEnabled is specified,
                  this Server can automatically rebalance Devices.
rebalanceTriggerPercent   Percent over fair load that triggers a
                          dynamic Device rebalance. Min=5, Max=5000,
                          Default=25
  uint RebalanceTriggerPercent: Percent over fair load that triggers a
                  dynamic Device rebalance. Min=5, Max=5000,
                  Default=25
```

```
    subnetAffinity            Qualifier for subnet affinity when assigning
                              a Server. 0=None, 1=Best Effort, 2=Fixed.
                              Min=0, Max=2, Default=0
    uint SubnetAffinity: Qualifier for subnet affinity when assigning a
                    Server. 0=None, 1=Best Effort, 2=Fixed. Min=0,
                    Max=2, Default=0
    newDiskWriteCacheType     The writeCacheType that if a new Disk will
                              be created, it will be set with. It is only
                              used when a new Disk is being created. Value
                              are: 0 (Private), (other values are standard
                              image) 1 (Cache on Server), 3 (Cache in
                              Device RAM), 4 (Cache on Device Hard Disk),
                              7 (Cache on Server, Persistent), or 9 (Cache
                              in Device RAM with Overflow on Hard Disk)
                              Default=0
    string NewDiskWriteCacheType: The WriteCacheType that if a new Disk
                    will be created, it will be set with. It is only
                    used when a new Disk is being created. Value are: 0
                    (Private), (other values are standard image) 1
                    (Cache on Server), 3 (Cache in Device RAM), 4 (Cache
                    on Device Hard Disk), 7 (Cache on Server,
                    Persistent), or 9 (Cache in Device RAM with Overflow
                    on Hard Disk) Default=0
    format                    Format of the image when adding a
                              DiskLocator for a vDisk that has never been
                              added to the Farm. VHDX is the only format
                              that requires this field. Values are: 0
                              (VHD) and 1 (VHDX). Default=0
    SwitchParameter VHDX: If -VHDX is specified, the format of the image
                    the DiskLocator is being added for that has never
                    been added to the Farm is VHDX. Otherwise it is
                    assumed to be VHD.
    Optional
    SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
    resultId                  If successful, the GUID of the record added.
    PvsDiskLocator: If successful, the new PvsDiskLocator object is
                    returned.
```

Mcli-Add DiskUpdateDevice

Add a new Device related to a Disk that can be updated.

New-PvsDiskUpdateDevice

```
    Add a new Device related to a Disk that can be updated.
    -r                        Record to add. All record fields that do not
                              have a Default are required.
    All parameters that do not have a Default are required, unless only a
                    few of a group are required.
    deviceName                Computer name with no spaces. ASCII computer
                              name characters Max Length=15
    string Name or DeviceName: Computer name with no spaces. ASCII
                    computer name characters Max Length=15
    virtualHostingPoolId      GUID of the Virtual Hosting Pool. It is not
                              used with virtualHostingPoolName.
                              Default=null Length=36
```

       Guid VirtualHostingPoolId: GUID of the Virtual Hosting Pool. It is
                       not used with VirtualHostingPoolName.

virtualHostingPoolName   Name of the Virtual Hosting Pool.

   string VirtualHostingPoolName: Name of the Virtual Hosting Pool.

diskLocatorId   GUID of the Disk Locator to update with this
                       Device.

   Guid DiskLocatorId: GUID of the Disk Locator to update with this
                   Device.

description   User description. Default="" Max Length=250

  string Description: User description. Default="" Max Length=250

deviceMac   Ethernet address as a string in the form XX-
                       XX-XX-XX-XX-XX. Uniquely identifies the
                       Device. Length=17

  PvsPhysicalAddress DeviceMac: Ethernet address can have the form XX-
                 XX-XX-XX-XX-XX. Uniquely identifies the Device.

port   UDP port to use with Stream Service.
                       Min=1025, Max=65534, Default=6901

  uint Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                 Default=6901

adTimestamp   The time the Active Directory machine
                       account password was generated. Do not set
                       this field, it is only set internally by
                       PVS. Default=0

  uint AdTimestamp: The time the Active Directory machine account
                 password was generated. Do not set this field, it is
                 only set internally by PVS. Default=0

adSignature   The signature of the Active Directory
                       machine account password. Do not set this
                       field, it is only set internally by PVS.
                       Default=0

  uint AdSignature: The signature of the Active Directory machine
                 account password. Do not set this field, it is only
                 set internally by PVS. Default=0

logLevel   Level to perform logging at. Values are: 0
                       (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                       (Info), 5 (Debug), and 6 (Trace). Min=0,
                       Max=6, Default=0

  uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
                 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName   Fully qualified name of the domain that the
                       Device belongs to. Do not set this field, it
                       is only set internally by PVS. Default=null
                       Max Length=255

  string DomainName: Fully qualified name of the domain that the Device
                 belongs to. Do not set this field, it is only set
                 internally by PVS. Default="" Max Length=255

domainObjectSID   The value of the objectSID AD attribute of
                       the same name for the Device's computer
                       account. Do not set this field, it is only
                       set internally by PVS. Default=null Max
                       Length=186

  string DomainObjectSID: The value of the objectSID AD attribute of
                 the same name for the Device's computer account. Do
                 not set this field, it is only set internally by
                 PVS. Default="" Max Length=186

```
        domainControllerName        The name of the DC used to create the host's
                                     computer account. Do not set this field, it
                                     is only set internally by PVS. Default=null
                                     Max Length=4000
        string DomainControllerName: The name of the DC used to create the
                        host's computer account. Do not set this field, it
                        is only set internally by PVS. Default="" Max
                        Length=4000
        domainTimeCreated           The time that the computer account was
                                     created. Do not set this field, it is only
                                     set internally by PVS. Format is: YYYY-MM-DD
                                     HH:MM:SS.SSS Default=null
        DateTime DomainTimeCreated: The time that the computer account was
                        created. Has the date and time including
                        milliseconds. Do not set this field, it is only set
                        internally by PVS. Default=Empty
        adPassword                   The Active Directory machine account
                                     password. Do not set this field, it is only
                                     set internally by PVS. Default="" Max
                                     Length=256
        string AdPassword: The Active Directory machine account password.
                        Default="" Max Length=256
        Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
     resultId                        If successful, the GUID of the record added.
        PvsDiskUpdateDevice: If successful, the new PvsDiskUpdateDevice object
                        is returned.
```

Mcli-Add FarmView

```
    Add a View to a Farm.
```
New-PvsFarmView
```
    Create a new View for the Farm.
     -r                              Record to add. All record fields that do not
                                     have a Default are required.
        All parameters that do not have a Default are required, unless only a
                        few of a group are required.
        farmViewName                name of the Farm View. Max Length=50
          string Name or FarmViewName: name of the Farm View. Max Length=50
        description                 User description. Default="" Max Length=250
          string Description: User description. Default="" Max Length=250
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
     resultId                        If successful, the GUID of the record added.
        PvsFarmView: If successful, the new PvsFarmView object is returned.
```

Mcli-Add Server

```
    Add a Server to a Site.
```
New-PvsServer
```
    Add a new Server to a Site.
```

```
-r                              Record to add. All record fields that do not
                                have a Default are required.
          All parameters that do not have a Default are required, unless only a
                        few of a group are required.
     serverName                 Computer name with no spaces. ASCII computer
                                name characters Max Length=21
        string Name or ServerName: Computer name with no spaces. ASCII
                        computer name characters Max Length=21
     siteId                     GUID of the Site this Server is to be a
                                member of. It is not used with siteName.
                                Length=36
        Guid SiteId: GUID of the Site this Server is to be a member of. It is
                        not used with SiteName.
     siteName                   Name of the Site this Server is to be a
                                member of. It is not used with siteId.
        string SiteName: Name of the Site this Server is to be a member of.
                        It is not used with SiteId.
     description                User description. Default="" Max Length=250
        string Description: User description. Default="" Max Length=250
     adMaxPasswordAge           Number of days before a password expires.
                                Min=1, Max=30, Default=7
        uint AdMaxPasswordAge: Number of days before a password expires.
                        Min=1, Max=30, Default=7
     licenseTimeout             Amount of seconds before a license times
                                out. Min=15, Max=300, Default=30
        uint LicenseTimeout: Amount of seconds before a license times out.
                        Min=15, Max=300, Default=30
     vDiskCreatePacing          VDisk create time pacing in miliseconds.
                                Min=0, Max=5, Default=0
        uint VDiskCreatePacing: VDisk create time pacing in miliseconds.
                        Min=0, Max=5, Default=0
     firstPort                  Number of the first UDP port for use by the
                                Stream Service, First and Last must allow at
                                least 5 ports. Min=1025, Max=65534,
                                Default=6910
        uint FirstPort: Number of the first UDP port for use by the Stream
                        Service, First and Last must allow at least 5 ports.
                        Min=1025, Max=65534, Default=6910
     lastPort                   Number of the last UDP port for use by the
                                Stream Service, First and Last must allow at
                                least 5 ports. Min=1025, Max=65534,
                                Default=6930
        uint LastPort: Number of the last UDP port for use by the Stream
                        Service, First and Last must allow at least 5 ports.
                        Min=1025, Max=65534, Default=6930
     threadsPerPort             Number of worker threads per IO port.
                                Required that (threadPerPort * numberPorts *
                                numberIPs) <= 1000. Min=1, Max=60, Default=8
        uint ThreadsPerPort: Number of worker threads per IO port. Required
                        that (threadPerPort * numberPorts * numberIPs) <=
                        1000. Min=1, Max=60, Default=8
     buffersPerThread           Number of buffers per worker thread. Min=1,
                                Max=128, Default=24
        uint BuffersPerThread: Number of buffers per worker thread. Min=1,
                        Max=128, Default=24
```

serverCacheTimeout   Number of seconds to wait before considering
                          another Server is down. Min=5, Max=60,
                          Default=8
  uint ServerCacheTimeout: Number of seconds to wait before considering
                  another Server is down. Min=5, Max=60, Default=8
ioBurstSize   Number of bytes read/writes can send in a
                          burst of packets. Required that
                          ioBurstSize/(maxTransmissionUnits-76)<=32.
                          Min=4096, Max=61440, Default=32768
  uint IoBurstSize: Number of bytes read/writes can send in a burst of
                  packets. Required that
                  IoBurstSize/(MaxTransmissionUnits-76)<=32. Min=4096,
                  Max=61440, Default=32768
maxTransmissionUnits   Ethernet maximum transmission unit size for
                          the protocol for use for Server and Device.
                          Required that
                          ioBurstSize/(maxTransmissionUnits-76)<=32.
                          Min=502, Max=16426, Default=1506
  uint MaxTransmissionUnits: Ethernet maximum transmission unit size
                  for the protocol for use for Server and Device.
                  Required that IoBurstSize/(MaxTransmissionUnits-
                  76)<=32. Min=502, Max=16426, Default=1506
maxBootDevicesAllowed   Maximum number of Devices allowed to boot
                          simultaneously. Min=1, Max=1000, Default=500
  uint MaxBootDevicesAllowed: Maximum number of Devices allowed to boot
                  simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds   Maximum number of seconds for a Device to
                          boot. Min=10, Max=900, Default=60
  uint MaxBootSeconds: Maximum number of seconds for a Device to boot.
                  Min=10, Max=900, Default=60
bootPauseSeconds   Number of seconds that a Device will pause
                          during login if its server busy. Min=1,
                          Max=60, Default=10
  uint BootPauseSeconds: Number of seconds that a Device will pause
                  during login if its server busy. Min=1, Max=60,
                  Default=10
adMaxPasswordAgeEnabled   Age the password, when set to 1. Default=0
  SwitchParameter AdMaxPasswordAgeEnabled: If -AdMaxPasswordAgeEnabled
                  is specified, Age the password.
eventLoggingEnabled   Enable event logging, when set to 1.
                          Default=0
  SwitchParameter EventLoggingEnabled: If -EventLoggingEnabled is
                  specified, event logging is enabled.
nonBlockingIoEnabled   Use non-Blocking IO, when set to 1.
                          Default=1
  SwitchParameter NonBlockingIoDisabled: If -NonBlockingIoDisabled is
                  specified, do not use non-Blocking IO.
ip   One or more streaming ip addresses. If more
                          than one ip is included, the ip addresses
                          are comma delimited.
  string[] Ip: One or more streaming ip addresses.
initialQueryConnectionPoolSize Initial size of database connection
                          pool for non-transactional queries. Min=1,
                          Max=1000, Default=50
  uint InitialQueryConnectionPoolSize: Initial size of database
                  connection pool for non-transactional queries.
                  Min=1, Max=1000, Default=50

```
initialTransactionConnectionPoolSize   Initial size of database
                           connection pool for transactional queries.
                           Min=1, Max=1000, Default=50
  uint InitialTransactionConnectionPoolSize: Initial size of database
                   connection pool for transactional queries. Min=1,
                   Max=1000, Default=50
maxQueryConnectionPoolSize   Maximum size of database connection pool
                           for non-transactional queries. Min=1,
                           Max=32767, Default=1000
  uint MaxQueryConnectionPoolSize: Maximum size of database connection
                   pool for non-transactional queries. Min=1,
                   Max=32767, Default=1000
maxTransactionConnectionPoolSize   Maximum size of database connection
                           pool for transactional queries. Min=1,
                           Max=32767, Default=1000
  uint MaxTransactionConnectionPoolSize: Maximum size of database
                   connection pool for transactional queries. Min=1,
                   Max=32767, Default=1000
refreshInterval          Interval, in number of seconds, the server
                           should wait before refreshing settings. If
                           set to 0, unused database connections are
                           never released. Min=0, Max=32767,
                           Default=300
  uint RefreshInterval: Interval, in number of seconds, the server
                   should wait before refreshing settings. If set to 0,
                   unused database connections are never released.
                   Min=0, Max=32767, Default=300
unusedDbConnectionTimeout   Interval, in number of seconds, a
                           connection should go unused before it is to
                           be released. Min=0, Max=32767, Default=300
  uint UnusedDbConnectionTimeout: Interval, in number of seconds, a
                   connection should go unused before it is to be
                   released. Min=0, Max=32767, Default=300
busyDbConnectionRetryCount   Number of times a failed database
                           connection will be retried. Min=0,
                           Max=32767, Default=2
  uint BusyDbConnectionRetryCount: Number of times a failed database
                   connection will be retried. Min=0, Max=32767,
                   Default=2
busyDbConnectionRetryInterval   Interval, in number of milliseconds,
                           the server should wait before retrying to
                           connect to a database. Min=0, Max=10000,
                           Default=25
  uint BusyDbConnectionRetryInterval: Interval, in number of
                   milliseconds, the server should wait before retrying
                   to connect to a database. Min=0, Max=10000,
                   Default=25
localConcurrentIoLimit     Maximum concurrent IO transactions it
                           performs for vDisks that are local. A value
                           of 0 disables the feature. Min=0, Max=128,
                           Default=4
  uint LocalConcurrentIoLimit: Maximum concurrent IO transactions it
                   performs for vDisks that are local. A value of 0
                   disables the feature. Min=0, Max=128, Default=4
remoteConcurrentIoLimit     Maximum concurrent IO transactions it
                           performs for vDisks that are remote. A value
```

```
                                of 0 disables the feature. Min=0, Max=128,
                                Default=4
   uint RemoteConcurrentIoLimit: Maximum concurrent IO transactions it
                    performs for vDisks that are remote. A value of 0
                    disables the feature. Min=0, Max=128, Default=4
   logLevel               Level to perform logging at. Values are: 0
                                (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                                (Info), 5 (Debug), and 6 (Trace). Min=0,
                                Max=6, Default=4
   uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
                    (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                    (Debug), and 6 (Trace). Min=0, Max=6, Default=4
   logFileSizeMax          Maximum size log files can reach in
                                Megabytes. Min=1, Max=50, Default=5
   uint LogFileSizeMax: Maximum size log files can reach in Megabytes.
                    Min=1, Max=50, Default=5
   logFileBackupCopiesMax   Maximum number of log file backups. Min=1,
                                Max=50, Default=4
   uint LogFileBackupCopiesMax: Maximum number of log file backups.
                    Min=1, Max=50, Default=4
   powerRating            A strictly relative rating of this Server's
                                capabilities when compared to other Servers
                                in the Store(s) it belongs too; can be used
                                to help tune load balancing. Min=0.1,
                                Max=1000, Default=1
   float PowerRating: A strictly relative rating of this Server's
                    capabilities when compared to other Servers in the
                    Store(s) it belongs too; can be used to help tune
                    load balancing. Min=0.1, Max=1000, Default=1
   lastCeipUploadAttempt    Time that this server last attempted a CEIP
                                upload. Default=null
   DateTime LastCeipUploadAttempt: Time that this server last attempted
                    a CEIP upload. Default=Empty
   lastBugReportAttempt     Time that this server last attempted to
                                upload or generate a bug report bundle.
                                Default=null
   DateTime LastBugReportAttempt: Time that this server last attempted
                    to upload or generate a bug report bundle.
                    Default=Empty
   lastBugReportStatus      Status of the last bug report on this
                                server. Default=null Max Length=250
   string LastBugReportStatus: Status of the last bug report on this
                    server. Default="" Max Length=250
   lastBugReportResult      Status of the last bug report on this
                                server. Default=null Max Length=4000
   string LastBugReportResult: Status of the last bug report on this
                    server. Default="" Max Length=4000
   lastBugReportSummary     Summary of the last bug report on this
                                server. Default=null Max Length=250
   string LastBugReportSummary: Summary of the last bug report on this
                    server. Default="" Max Length=250
   Optional
   SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
   resultId                 If successful, the GUID of the record added.
```

PvsServer: If successful, the new PvsServer object is returned.

Mcli-Add Site

Add a Site to the system.

New-PvsSite

Create a new Site for the Farm.

-r   Record to add. All record fields that do not
                            have a Default are required.

All parameters that do not have a Default are required, unless only a
few of a group are required.

siteName   Name of the Site. Max Length=50
 string Name or SiteName: Name of the Site. Max Length=50
description   User description. Default="" Max Length=250
 string Description: User description. Default="" Max Length=250
inventoryFilePollingInterval The number of seconds between polls for
                            Disk changes in the Stores. Min=1, Max=600,
                            Default=60
 uint InventoryFilePollingInterval: The number of seconds between
                  polls for Disk changes in the Stores. Min=1,
                  Max=600, Default=60
enableDiskUpdate   1 when Disk Updated is enabled for the Site,
                            0 otherwise. Default=0
 SwitchParameter EnableDiskUpdate: If -EnableDiskUpdate is specified,
                  the Disk Update will be enabled for the Site. By
                  default Disk Update is disabled.
diskUpdateServerId   GUID of the Disk Update Server for the Site.
                            Not used with diskUpdateServerName.
                            Default=null Length=36
 Guid DiskUpdateServerId: GUID of the Disk Update Server for the Site.
                  Not used with DiskUpdateServerName.
                  Default=00000000-0000-0000-0000-000000000000
diskUpdateServerName   Name of the Disk Update Server for the Site.
                            Not used with diskUpdateServerId.
                            Default=null
 string DiskUpdateServerName: Name of the Disk Update Server for the
                  Site. Not used with DiskUpdateServerId. Default=""
makUser   User name used for MAK activation.
                            Default=null Max Length=64
 string MakUser: User name used for MAK activation. Default="" Max
                  Length=64
makPassword   User password used for MAK activation.
                            Default=null Max Length=64
 string MakPassword: User password used for MAK activation. Default=""
                  Max Length=64
enableXsProxy   Enable XenServerProxy when set to 1
                            Default=null
 string EnableXsProxy: Enable XenServerProxy when set to 1 Default=""
virtualHostingPoolId   GUID of the VirtualHostingPool object.
 Guid VirtualHostingPoolId: GUID of the VirtualHostingPool object.
virtualHostingPoolName   Name of the VirtualHostingPool object.
 string VirtualHostingPoolName: Name of the VirtualHostingPool object.
xsPvsSiteUuid   GUID of the XenServer PVS Site.
 string XsPvsSiteUuid: GUID of the XenServer PVS Site.
 Optional
 SwitchParameter Confirm: The impact of this operation is "low". If -
                  Confirm is specified, the operation will be

```
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
       resultId                      If successful, the GUID of the record added.
       PvsSite: If successful, the new PvsSite object is returned.
```

Mcli-Add SiteView

```
    Add a View to a Site.
```

New-PvsSiteView

```
  Create a new View for a Site.
      -r                            Record to add. All record fields that do not
                                    have a Default are required.
      All parameters that do not have a Default are required, unless only a
                       few of a group are required.
      siteViewName                  Name of the Site View. Max Length=50
        string Name or SiteViewName: Name of the Site View. Max Length=50
      siteId                        GUID of the Site this View is to be a member
                                    of. It is not used with siteName. Length=36
        Guid SiteId: GUID of the Site this View is to be a member of. It is
                       not used with SiteName.
      siteName                      Name of the Site this View is to be a member
                                    of. It is not used with siteId.
        string SiteName: Name of the Site this View is to be a member of. It
                       is not used with SiteId.
      description                   User description. Default="" Max Length=250
        string Description: User description. Default="" Max Length=250
      Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
      resultId                      If successful, the GUID of the record added.
       PvsSiteView: If successful, the new PvsSiteView object is returned.
```

Mcli-Add Store

```
    Add a Store to the system.
```

New-PvsStore

```
  Create a new Store for the Farm.
      -r                            Record to add. All record fields that do not
                                    have a Default are required.
      All parameters that do not have a Default are required, unless only a
                       few of a group are required.
      storeName                     Name of the Store. Max Length=50
        string Name or StoreName: Name of the Store. Max Length=50
      siteId                        GUID of the Site where Administrators of
                                    that Site can change this Store. Not used
                                    for Farm Stores. siteName can be used
                                    instead. Default=null Length=36
        Guid SiteId: GUID of the Site where Administrators of that Site can
                       change this Store. Not used for Farm Stores.
                       SiteName can be used instead. Default=00000000-0000-
                       0000-0000-000000000000
      siteName                      Name of the Site where Administrators of
                                    that Site can change this Store. Not used
                                    for Farm Stores. siteId can be used instead.
                                    Default=null
```

```
              string SiteName: Name of the Site where Administrators of that Site
                         can change this Store. Not used for Farm Stores.
                         SiteId can be used instead. Default=""
   description                   User description. Default="" Max Length=250
     string Description: User description. Default="" Max Length=250
   path                          Default directory path that the Servers use
                                 to access this Store. Max Length=255
     string Path: Default directory path that the Servers use to access
                         this Store. Max Length=255
   cachePath                     Default Cache path(s) that the Servers use
                                 with this Store. It is an ordered comma-
                                 delimited list. If none are specified the
                                 caches will be placed in the WriteCache
                                 subdirectory of the Store path. Default=None
     string[] CachePath: Default Cache path(s) that the Servers use with
                         this Store. If none are specified the caches will be
                         placed in the WriteCache subdirectory of the Store
                         path. Default=None
   Optional
     SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
   resultId                      If successful, the GUID of the record added.
     PvsStore: If successful, the new PvsStore object is returned.
```

Mcli-Add UpdateTask

```
   Add a new Update Task for the Site.
```
New-PvsUpdateTask
```
   Create a new Update Task for a Store.
    -r                             Record to add. All record fields that do not
                                   have a Default are required.
     All parameters that do not have a Default are required, unless only a
                      few of a group are required.
   updateTaskName                 Name of the Update Task. It is unique within
                                  the Site. Max Length=50
      string Name or UpdateTaskName: Name of the Update Task. It is unique
                      within the Site. Max Length=50
   siteId                         GUID of the Site that this Update Task is a
                                  member of. It is not used with siteName.
                                  Length=36
      Guid SiteId: GUID of the Site that this Update Task is a member of.
                      It is not used with SiteName.
   siteName                       Name of the Site that this Update Task is a
                                  member of. It is not used with siteId.
      string SiteName: Name of the Site that this Update Task is a member
                      of. It is not used with SiteId.
   description                    User description. Default="" Max Length=250
     string Description: User description. Default="" Max Length=250
   enabled                        1 when it will be processed, 0 otherwise.
                                  Default=1
     SwitchParameter Disabled: If -Disabled is specified, the updates will
                      not be processed. By default the updates will be
                      processed.
   hour                           The hour of the day to perform the task.
                                  Min=0, Max=23, Default=0
```

uint Hour: The hour of the day to perform the task. Min=0, Max=23,
          Default=0

minute   The minute of the hour to perform the task.
                         Min=0, Max=59, Default=0

uint Minute: The minute of the hour to perform the task. Min=0,
          Max=59, Default=0

recurrence   The update will reoccur on this schedule. 0
                         = None, 1 = Daily, 2 = Every Weekday, 3 =
                         Weekly, 4 = Monthly Date, 5 = Monthly Type.
                         Min=0, Max=5, Default=0

uint Recurrence: The update will reoccur on this schedule. 0 = None,
          1 = Daily, 2 = Every Weekday, 3 = Weekly, 4 =
          Monthly Date, 5 = Monthly Type. Min=0, Max=5,
          Default=0

dayMask   Days selected values. 1 = Monday, 2 =
                         Tuesday, 4 = Wednesday, 8 = Thursday, 16 =
                         Friday, 32 = Saturday, 64 = Sunday, 128 =
                         Day. Default=0. This is used with Weekly and
                         Monthly Type recurrence. Min=1, Max=255,
                         Default=4

uint DayMask: Days selected values. 1 = Monday, 2 = Tuesday, 4 =
          Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday,
          64 = Sunday, 128 = Day. Default=0. This is used with
          Weekly and Monthly Type recurrence. Min=1, Max=255,
          Default=4

date   Comma delimited days of the month. Numbers
                         from 1-31 are the only valid values. This is
                         used with Monthly Date recurrence.
                         Default="" Max Length=83

uint[] Date: Days of the month. Numbers from 1-31 are the only valid
          values. This is used with Monthly Date recurrence.
          Default="" Max Length=83

monthlyOffset   When to happen monthly. 0 = None, 1 = First,
                         2 = Second, 3 = Third, 4 = Forth, 5 = Last.
                         This is used with Monthly Type recurrence.
                         Min=0, Max=5, Default=3

uint MonthlyOffset: When to happen monthly. 0 = None, 1 = First, 2 =
          Second, 3 = Third, 4 = Forth, 5 = Last. This is used
          with Monthly Type recurrence. Min=0, Max=5,
          Default=3

esdType   Esd to use. Valid values are SCCM or WSUS.
                         If no value, a custom script is run on the
                         client. Default=null Max Length=50

string EsdType: Esd to use. Valid values are SCCM or WSUS. If no
          value, a custom script is run on the client.
          Default="" Max Length=50

preUpdateScript   Script file to run before the update starts.
                         Default=null Max Length=255

string PreUpdateScript: Script file to run before the update starts.
          Default="" Max Length=255

preVmScript   Script file to run before the VM is loaded.
                         Default=null Max Length=255

string PreVmScript: Script file to run before the VM is loaded.
          Default="" Max Length=255

postUpdateScript   Script file to run after the update
                         finishes. Default=null Max Length=255

```
         string PostUpdateScript: Script file to run after the update
                         finishes. Default="" Max Length=255
  postVmScript            Script file to run after the VM is unloaded.
                          Default=null Max Length=255
         string PostVmScript: Script file to run after the VM is unloaded.
                         Default="" Max Length=255
  domain                  Domain to add the Disk Update Device(s) to.
                          If not included, the first Domain Controller
                          found on the Server is used. Default=null
                          Max Length=255
         string Domain: Domain to add the Disk Update Device(s) to. If not
                        included, the first Domain Controller found on the
                        Server is used. Default="" Max Length=255
  organizationUnit        Organizational Unit to add the Disk Update
                          Device(s) to. This parameter is optional. If
                          it is not specified, the device is added to
                          the built in Computers container. Child OU's
                          should be delimited with forward slashes,
                          e.g. "ParentOU/ChildOU". Special characters
                          in an OU name, such as '"', '#', '+', ',',
                          ';', '>', '=', must be escaped with a
                          backslash. For example, an OU called
                          "commaIn,TheMiddle" must be specified as
                          "commaIn\,TheMiddle". The old syntax of
                          delimiting child OU's with a comma is still
                          supported, but deprecated. Note that in this
                          case, the child OU comes first, e.g.
                          "ChildOU,ParentOU". Default=null Max
                          Length=255
         string OrganizationUnit: Organizational Unit to add the Disk Update
                        Device(s) to. This parameter is optional. If it is
                        not specified, the device is added to the built in
                        Computers container. Child OU's should be delimited
                        with forward slashes, e.g. "ParentOU/ChildOU".
                        Special characters in an OU name, such as '"', '#',
                        '+', ',', ';', '>', '=', must be escaped with a
                        backslash. For example, an OU called
                        "commaIn,TheMiddle" must be specified as
                        "commaIn\,TheMiddle". The old syntax of delimiting
                        child OU's with a comma is still supported, but
                        deprecated. Note that in this case, the child OU
                        comes first, e.g. "ChildOU,ParentOU". Default="" Max
                        Length=255
  postUpdateApprove       Access to place the version in after the
                          update has occurred. 0 = Production, 1 =
                          Test, 2 = Maintenance. Min=0, Max=2,
                          Default=0
         uint PostUpdateApprove: Access to place the version in after the
                        update has occurred. 0 = Production, 1 = Test, 2 =
                        Maintenance. Min=0, Max=2, Default=0
  Optional
         SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
  resultId                If successful, the GUID of the record added.
   PvsUpdateTask: If successful, the new PvsUpdateTask object is returned.
```

Mcli-Add VirtualHostingPool

Add a new Virtual Hosting Pool for the Site.

New-PvsVirtualHostingPool

Add a new Virtual Hosting Pool to a Site.

```
   -r                      Record to add. All record fields that do not
                           have a Default are required.
    All parameters that do not have a Default are required, unless only a
                  few of a group are required.
    virtualHostingPoolName     Name of the Virtual Hosting Pool. It is
                           unique within the Site. Max Length=50
      string Name or VirtualHostingPoolName: Name of the Virtual Hosting
                    Pool. It is unique within the Site. Max Length=50
    siteId                     GUID of the Site that this Virtual Hosting
                           Pool is a member of. It is not used with
                           siteName. Length=36
      Guid SiteId: GUID of the Site that this Virtual Hosting Pool is a
                    member of. It is not used with SiteName.
    siteName                   Name of the Site that this Virtual Hosting
                           Pool is a member of. It is not used with
                           siteId.
      string SiteName: Name of the Site that this Virtual Hosting Pool is a
                    member of. It is not used with SiteId.
    type                       Type of the Virtual Hosting Pool. 0 = Citrix
                           XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 =
                           VMWare vSphere/ESX. Min=0, Max=3, Default=0
      uint Type: Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1
                    = Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX.
                    Min=0, Max=3, Default=0
    description                User description. Default="" Max Length=250
      string Description: User description. Default="" Max Length=250
    server                     Name or IP of the Host Server. Max
                           Length=255
      string Server: Name or IP of the Host Server. Max Length=255
    port                       Port of the Host Server. Min=80, Max=65534,
                           Default=80
      uint Port: Port of the Host Server. Min=80, Max=65534, Default=80
    datacenter                 Datacenter of the Virtual Hosting Pool.
                           Default="" Max Length=250
      string Datacenter: Datacenter of the Virtual Hosting Pool. Default=""
                    Max Length=250
    updateLimit                Number of updates at the same time. Min=2,
                           Max=1000, Default=1000
      uint UpdateLimit: Number of updates at the same time. Min=2,
                    Max=1000, Default=1000
    updateTimeout              Timeout for updates. Min=2, Max=240,
                           Default=60
      uint UpdateTimeout: Timeout for updates. Min=2, Max=240, Default=60
    shutdownTimeout            Timeout for shutdown. Min=2, Max=30,
                           Default=10
      uint ShutdownTimeout: Timeout for shutdown. Min=2, Max=30, Default=10
    userName                   Name to use when logging into the Server.
      string UserName: Name to use when logging into the Server.
    password                   Password to use when logging into the
                           Server.
      string Password: Password to use when logging into the Server.
```

```
         xdHostingUnitUuid          UUID of XenDesktop Hosting Unit Default=null
                                     Length=36
          Guid XdHostingUnitUuid: UUID of XenDesktop Hosting Unit
                         Default=00000000-0000-0000-0000-000000000000
         prepopulateEnabled         Enable prepopulate when set to 1 Default=0
           SwitchParameter PrepopulateEnabled: Enable prepopulate when set to
                         true Default=false
         xsPvsSiteUuid              UUID of XenServer PVS_site  Default=null
                                     Length=36
          Guid XsPvsSiteUuid: UUID of XenServer PVS_site  Default=00000000-
                         0000-0000-0000-000000000000
         platformVersion             Hypervisor Host Version  Default=null Max
                                     Length=250
           string PlatformVersion:  Hypervisor Host Version  Default="" Max
                         Length=250
         xdHcHypervisorConnectionName  Hypervisor Connection Name for HCL
                                     Connection Details object Default=null Max
                                     Length=250
           string XdHcHypervisorConnectionName: Hypervisor Connection Name for
                         HCL Connection Details object Default="" Max
                         Length=250
         xdHcHypervisorConnectionUid  Hypervisor Connection Uid for HCL
                                     Connection Details object Default=null Max
                                     Length=250
           string XdHcHypervisorConnectionUid: Hypervisor Connection Uid for HCL
                         Connection Details object Default="" Max Length=250
         xdHcRevision                Revision for HCL Connection Details object
                                     Default=null Max Length=250
           string XdHcRevision: Revision for HCL Connection Details object
                         Default="" Max Length=250
         xdHcCustomProperties        Custom Properties for HCL Connection Details
                                     object Default=null Max Length=250
           string XdHcCustomProperties: Custom Properties for HCL Connection
                         Details object Default="" Max Length=250
         xdHcSslThumbprints          Ssl Thumbprints for HCL Connection Details
                                     object Default=null Max Length=250
           string XdHcSslThumbprints: Ssl Thumbprints for HCL Connection Details
                         object Default="" Max Length=250
         disableHostXsProxy          True to disable PVS-Accelerator Default=null
           string DisableHostXsProxy: True to disable PVS-Accelerator Default=""
         Optional
           SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
      resultId                    If successful, the GUID of the record added.
         PvsVirtualHostingPool: If successful, the new PvsVirtualHostingPool
                     object is returned.
```

Mcli-Delete

```
 Mcli-Delete commandName[ -p name=value[, name2=value2]]
```

Mcli-Delete AuthGroup

```
   Delete an AuthGroup Active Directory or Windows Group name.
```
Remove-PvsAuthGroup

```
      Remove one or more AuthGroup Active Directory or Windows Group names.
        -p                            Parameters needed for this Delete.
       One of these required
         authGroupId                  GUID of the AuthGroup to Delete.
           Guid[] Guid or AuthGroupId: GUID of the AuthGroup to Delete.
         authGroupName                Name of the AuthGroup to Delete.
           string[] Name or AuthGroupName: Name of the AuthGroup to Delete.
       Optional
         force                        When set to 1, the AuthGroup will be Deleted
                                      even if being used, otherwise an error is
                                      returned if being used.
           SwitchParameter Force: If -Force is specified, the AuthGroup will be
                           Deleted even if being used, otherwise an error is
                           returned if being used.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
             AuthGroupId
           Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                           -Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "medium"
                           or "low" to have confirmation without the Confirm
                           parameter.
```

Mcli-Delete Collection

```
     Delete a Collection.
```
Remove-PvsCollection
```
     Remove one or more Collections.
        -p                            Parameters needed for this Delete.
       This required
         collectionId                 GUID of the Collection to Delete.
           Guid[] Guid or CollectionId: GUID of the Collection to Delete.
       or this required & resolution
         collectionName               Name of the Collection to Delete.
           string[] Name or CollectionName: Name of the Collection to Delete.
       One of these resolutions when needed
         siteId                       GUID of the Site.
           Guid[] SiteId: GUID of the Site.
         siteName                     Name of the Site.
           string[] SiteName: Name of the Site.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
             CollectionId
           Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                           -Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "medium"
                           or "low" to have confirmation without the Confirm
                           parameter.
```

Mcli-Delete Device

```
     Delete one or more Devices.
```
Remove-PvsDevice

```
Remove one or more Devices.
  -p                             Parameters needed for this Delete.
   One of these required
    deviceId                      GUID of the Device to Delete.
     Guid[] Guid or DeviceId: GUID of the Device to Delete.
    deviceName                    Name of the Device to Delete.
     string[] Name or DeviceName: Name of the Device to Delete.
    deviceMac                     MAC of the Device to Delete.
     PvsPhysicalAddress[] DeviceMac: MAC of the Device to Delete.
    collectionId                  GUID of the Collection to delete all
                                   Devices.
     Guid[] CollectionId: GUID of the Collection to delete all Devices.
   or this required & resolution
    collectionName                Name of the Collection to delete all
                                   Devices.
     string[] CollectionName: Name of the Collection to delete all
                        Devices.
   One of these resolutions when needed
    siteId                        GUID of the Site.
     Guid[] SiteId: GUID of the Site.
    siteName                      Name of the Site.
     string[] SiteName: Name of the Site.
   Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
      DeviceId or CollectionId
   Optional
     SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Delete DeviceDiskCacheFile

```
   Delete the Disk cache files for a Device.
```
Remove-PvsDeviceDiskCacheFile
```
Remove one or more Disk cache files for Devices.
  -p                             Parameters needed for this Delete.
   One of these required
    deviceId                      GUID of the Device to Delete Disk cache
                                   files.
     Guid[] Guid or DeviceId: GUID of the Device to Delete Disk cache
                        files.
    deviceName                    Name of the Device to Delete Disk cache
                                   files.
     string[] Name or DeviceName: Name of the Device to Delete Disk cache
                        files.
    deviceMac                     MAC of the Device to Delete Disk cache
                                   files.
     PvsPhysicalAddress[] DeviceMac: MAC of the Device to Delete Disk
                        cache files.
   This required
    diskLocatorId                 GUID of the Disk Locator to Delete Disk
                                   cache files.
     Guid[] DiskLocatorId: GUID of the Disk Locator to Delete Disk cache
                        files.
```

```
        or this required & resolution
         diskLocatorName              Name of the Disk Locator File to Delete Disk
                                       cache files.
           string[] DiskLocatorName: Name of the Disk Locator File to Delete
                       Disk cache files.
        One of these resolutions when needed
         siteId                       GUID of the Site.
           Guid[] SiteId: GUID of the Site.
         siteName                     Name of the Site.
           string[] SiteName: Name of the Site.
        One of these resolutions when needed
         storeId                      GUID of the Store that is needed when a
                                       diskLocatorName is used.
           Guid[] StoreId: GUID of the Store that is needed when a
                       DiskLocatorName is used.
         storeName                    Name of the Store that is needed when a
                                       diskLocatorName is used.
           string[] StoreName: Name of the Store that is needed when a
                       DiskLocatorName is used.
        Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
             DeviceId or DiskLocatorId
         Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                       -Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "medium"
                       or "low" to have confirmation without the Confirm
                       parameter.
```

Mcli-Delete DiskLocator

```
     Delete one or more Disk Locators.
```

Remove-PvsDiskLocator

```
     Remove one or more Disk Locators.
        -p                            Parameters needed for this Delete.
         This required
         diskLocatorId                GUID of the Disk Locator to Delete.
           Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Delete.
         or one of these required & resolutions
         diskLocatorName              Name of the Disk Locator File to Delete.
           string[] Name or DiskLocatorName: Name of the Disk Locator File to
                       Delete.
         storeId                      GUID of the Store to delete all
                                       DiskLocators.
           Guid[] StoreId: GUID of the Store to delete all DiskLocators.
         storeName                    Name of the Store to delete all
                                       DiskLocators.
           string[] StoreName: Name of the Store to delete all DiskLocators.
        Optional
         deleteDiskFile               1 if the Disk File should be deleted, 0
                                       otherwise. Default=0
           SwitchParameter DeleteDiskFile: If -DiskFile is specified, the Disk
                       File will be deleted.
        One of these resolutions when needed
         siteId                       GUID of the Site.
           Guid[] SiteId: GUID of the Site.
```

```
         siteName                        Name of the Site.
           string[] SiteName: Name of the Site.
         One of these resolutions when needed
          storeId                        GUID of the Store that is needed when a
                                          diskLocatorName is used.
           Guid[] StoreId: GUID of the Store to delete all DiskLocators.
          storeName                      Name of the Store that is needed when a
                                          diskLocatorName is used.
           string[] StoreName: Name of the Store to delete all DiskLocators.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
            DiskLocatorId or StoreId
         Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Delete DiskUpdateDevice

```
     Delete a Disk Update Device.
```
Remove-PvsDiskUpdateDevice

```
   Remove one or more Disk Update Devices.
      -p                              Parameters needed for this Delete.
       One of these required
         deviceId                      GUID of the Disk Update Device to Delete.
           Guid[] Guid or DeviceId: GUID of the Disk Update Device to Delete.
         deviceName                    Name of the Disk Update Device to Delete.
           string[] Name or DeviceName: Name of the Disk Update Device to
                         Delete.
         deviceMac                     MAC of the Disk Update Device to Delete.
           PvsPhysicalAddress[] DeviceMac: MAC of the Disk Update Device to
                         Delete.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
            DeviceId
         Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Delete DiskVersion

```
     Remove the latest Disk version or no longer needed version if no Devices
     are currently booted from that version.
```
Remove-PvsDiskVersion

```
   Remove the latest Disk version or no longer needed version if no Devices
     are currently booted from that version.
      -p                              Parameters needed for this Delete.
       This required
         diskLocatorId                   GUID of the Disk Locator to Delete the
                                          Version from.
```

```
              Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Delete the
                           Version from.
      or this required & resolution
        diskLocatorName              Name of the Disk Locator File to Delete the
                                        Version from.
          string[] Name or DiskLocatorName: Name of the Disk Locator File to
                           Delete the Version from.
      Optional
        version                       Specifies the version that should be
                                        deleted. Used when deleting versions that
                                        are no longer needed because of a Merge.
          uint Version: Specifies the version that should be deleted. Used when
                           deleting versions that are no longer needed because
                           of a Merge.
      One of these resolutions when needed
        siteId                        GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName                      Name of the Site.
          string[] SiteName: Name of the Site.
      One of these resolutions when needed
        storeId                       GUID of the Store that is needed when a
                                        diskLocatorName is used.
          Guid[] StoreId: GUID of the Store that is needed when a
                           DiskLocatorName is used.
        storeName                     Name of the Store that is needed when a
                                        diskLocatorName is used.
          string[] StoreName: Name of the Store that is needed when a
                           DiskLocatorName is used.
      Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
            (DiskLocatorId and Version) or DiskLocatorId
      Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                           -Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "medium"
                           or "low" to have confirmation without the Confirm
                           parameter.
```

Mcli-Delete FarmView

```
    Delete a View from the Farm.
```
Remove-PvsFarmView
```
    Remove one or more Views from the Farm.
      -p                            Parameters needed for this Delete.
      One of these required
        farmViewId                    GUID of the Farm View to Delete.
          Guid[] Guid or FarmViewId: GUID of the Farm View to Delete.
        farmViewName                  Name of the Farm View to Delete.
          string[] Name or FarmViewName: Name of the Farm View to Delete.
      Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
            FarmViewId
      Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                           -Confirm is specified, the operation will be
```

Mcli-Delete Server

Delete a Server.

Remove-PvsServer

Remove one or more Servers.
```
  -p                        Parameters needed for this Delete.
   One of these required
    serverId                GUID of the Server to Delete.
      Guid[] Guid or ServerId: GUID of the Server to Delete.
    serverName              Name of the Server to Delete.
       string[] Name or ServerName: Name of the Server to Delete.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        ServerId
    Optional
      SwitchParameter Confirm: The impact of this operation is "medium". If
                    -Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "medium"
                    or "low" to have confirmation without the Confirm
                    parameter.
```

Mcli-Delete ServerStore

Delete the connection from a Server to a Store.

Remove-PvsServerStore

Remove the connection from Servers to Stores.
```
  -p                        Parameters needed for this Delete.
   One of these required
    serverId                GUID of a Server that uses the path to get
                             to the Store.
      Guid[] Guid or ServerId: GUID of a Server that uses the path to get
                    to the Store.
    serverName              Name of a Server that uses the path to get
                             to the Store.
       string[] Name or ServerName: Name of a Server that uses the path to
                    get to the Store.
   One of these required
    storeId                 GUID of the Store.
      Guid[] StoreId: GUID of the Store.
    storeName               Name of the Store.
       string[] StoreName: Name of the Store.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        ServerId or StoreId
    Optional
      SwitchParameter Confirm: The impact of this operation is "medium". If
                    -Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "medium"
                    or "low" to have confirmation without the Confirm
                    parameter.
```

Mcli-Delete Site

```
Delete a Site.
```

Remove-PvsSite

```
Remove one or more Sites.
  -p                          Parameters needed for this Delete.
   One of these required
    siteId                    GUID of the Site to Delete.
     Guid[] Guid or SiteId: GUID of the Site to Delete.
    siteName                  Name of the Site to Delete.
     string[] Name or SiteName: Name of the Site to Delete.
    Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
      SiteId
    Optional
     SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Delete SiteView

```
Delete a View from a Site.
```

Remove-PvsSiteView

```
Remove one or more Views from Sites.
  -p                          Parameters needed for this Delete.
   This required
    siteViewId                GUID of the Site View to Delete.
     Guid[] Guid or SiteViewId: GUID of the Site View to Delete.
   or this required & resolution
    siteViewName              Name of the Site View to Delete.
     string[] Name or SiteViewName: Name of the Site View to Delete.
   One of these resolutions when needed
    siteId                    GUID of the Site.
     Guid[] SiteId: GUID of the Site.
    siteName                  Name of the Site.
     string[] SiteName: Name of the Site.
    Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
      SiteViewId
    Optional
     SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Delete Store

```
Delete a Store.
```

Remove-PvsStore

```
Remove one or more Stores.
  -p                          Parameters needed for this Delete.
   One of these required
```

```
       storeId                     GUID of the Store to Delete.
        Guid[] Guid or StoreId: GUID of the Store to Delete.
       storeName                   Name of the Store to Delete.
        string[] Name or StoreName: Name of the Store to Delete.
       Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
          StoreId
       Optional
        SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Delete UpdateTask

```
   Delete an Update Task from a Site.
```
Remove-PvsUpdateTask
```
   Remove one or more Update Tasks from Sites.
     -p                          Parameters needed for this Delete.
      This required
       updateTaskId              GUID of the Update Task to Delete.
         Guid[] Guid or UpdateTaskId: GUID of the Update Task to Delete.
      or this required & resolution
       updateTaskName            Name of the Update Task to Delete.
         string[] Name or UpdateTaskName: Name of the Update Task to Delete.
       One of these resolutions when needed
       siteId                    GUID of the Site.
        Guid[] SiteId: GUID of the Site.
       siteName                  Name of the Site.
        string[] SiteName: Name of the Site.
       Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
          UpdateTaskId
       Optional
        SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Delete VirtualHostingPool

```
   Delete a Virtual Hosting Pool from a Site.
```
Remove-PvsVirtualHostingPool
```
   Remove one or more Virtual Hosting Pools from Sites.
     -p                          Parameters needed for this Delete.
      This required
       virtualHostingPoolId      GUID of the Virtual Hosting Pool to Delete.
         Guid[] Guid or VirtualHostingPoolId: GUID of the Virtual Hosting Pool
                         to Delete.
      or this required & resolution
       virtualHostingPoolName    Name of the Virtual Hosting Pool to Delete.
         string[] Name or VirtualHostingPoolName: Name of the Virtual Hosting
                         Pool to Delete.
```

```
   One of these resolutions when needed
    siteId                         GUID of the Site.
     Guid[] SiteId: GUID of the Site.
    siteName                       Name of the Site.
     string[] SiteName: Name of the Site.
    Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
       VirtualHostingPoolId
    Optional
     SwitchParameter Confirm: The impact of this operation is "medium". If
                      -Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "medium"
                      or "low" to have confirmation without the Confirm
                      parameter.
```

Mcli-Get

```
 Mcli-Get commandName[ -p name=value[, name2=value2]][ -s field[-]][ -f
   field[, field2]]
```

Mcli-Get AuditActionParameters

```
   Get the Parameters of an Audit Action.
```

Get-PvsAuditActionParameter

```
   Get the Parameters of an Audit Action.
    -p                             Parameters needed for the Get.
     This required
      auditActionId                GUID of the Audit Action to Get Parameters
                                    for.
       Guid[] AuditActionId: GUID of the Audit Action to Get Parameters for.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
         AuditActionId
    -f                             List of fields to retrieve, if not included,
                                    all fields are retrieved.
     If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
      auditParameterName           Name of the parameter. Max Length=50
       Name or AuditParameterName: Name of the parameter. Max Length=50
      value                        Value of the parameter. Max Length=1000
       Value: Value of the parameter. Max Length=1000
    records                        If successful, records retrieved.
      PvsAuditActionParameter[]: If successful, the PvsAuditActionParameter
                      object(s) are returned.
```

Mcli-Get AuditActionProperties

```
   Get the Properties of an Audit Action.
```

Get-PvsAuditActionProperty

```
   Get the Properties of an Audit Action.
    -p                             Parameters needed for the Get.
     This required
      auditActionId                GUID of the Audit Action to Get Properties
                                    for.
       Guid[] AuditActionId: GUID of the Audit Action to Get Properties for.
```

```
            Instead of a parameter that matches one of the members listed
              PvsObject[] Object: PvsObjects with the members below can be used as
                            the Object parameter or from a pileline:
                AuditActionId
   -f                                 List of fields to retrieve, if not included,
                                     all fields are retrieved.
     If only selected fields are needed, pass them in the Fields parameter
                          as a string array.
        auditPropertyName           Name of the property. Max Length=50
         Name or AuditPropertyName: Name of the property. Max Length=50
        oldValue                    Previous value of the Property. Default=null
                                     Max Length=1000
         OldValue: Previous value of the Property. Default="" Max Length=1000
        newValue                    New value of the Property. Default=null Max
                                     Length=1000
          NewValue: New value of the Property. Default="" Max Length=1000
   records                          If successful, records retrieved.
       PvsAuditActionProperty[]: If successful, the PvsAuditActionProperty
                            object(s) are returned.
```

Mcli-Get AuditActionSibling

Get the Sibling of an Audit Action. It is the 2nd object involved with the action.

Get-PvsAuditActionSibling

```
     Get the Sibling of an Audit Action. It is the 2nd object involved with the
        action.
     -p                                Parameters needed for the Get.
      This required
        auditActionId               GUID of the Audit Action to Get Sibling for.
           Guid[] Guid or AuditActionId: GUID of the Audit Action to Get Sibling
                          for.
        Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
             AuditActionId
     -f                                 List of fields to retrieve, if not included,
                                     all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                        as a string array.
        auditActionId               GUID of the action. Length=36
          Guid or AuditActionId: GUID of the action.
        type                        Type of object that action was performed on.
                                     Values are: 1 (AuthGroup), 2 (Collection), 3
                                     (Device), 4 (Disk), 5 (DiskLocator), 6
                                     (Farm), 7 (FarmView), 8 (Server), 9 (Site),
                                     10 (SiteView), 11 (Store), 12 (System), and
                                     13 (UserGroup)
         Type: Type of object that action was performed on. Values are: 1
                        (AuthGroup), 2 (Collection), 3 (Device), 4 (Disk), 5
                        (DiskLocator), 6 (Farm), 7 (FarmView), 8 (Server), 9
                        (Site), 10 (SiteView), 11 (Store), 12 (System), and
                        13 (UserGroup)
        objectId                    GUID of the object of the action. Length=36
          ObjectId: GUID of the object of the action.
        objectName                  Name of the object of the action. Max
                                     Length=1000
```

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```
         ObjectName: Name of the object of the action. Max Length=1000
       path                      Path of the object of the action. An example
                                 is Site\Collection for a Device.
                                 Default=null Max Length=101
         Path: Path of the object of the action. An example is Site\Collection
                     for a Device. Default="" Max Length=101
       siteId                    GUID of the Site for the object of the
                                 action. Empty when not valid. Default=null
                                 Length=36
         SiteId: GUID of the Site for the object of the action. 00000000-0000-
                     0000-0000-000000000000 when not valid.
                     Default=00000000-0000-0000-0000-000000000000
       subId                     GUID of the Collection or Store of the
                                 action. Empty when not valid. Default=null
                                 Length=36
         SubId: GUID of the Collection or Store of the action. 00000000-0000-
                     0000-0000-000000000000 when not valid.
                     Default=00000000-0000-0000-0000-000000000000
     records                     If successful, records retrieved.
       PvsAuditAction[]: If successful, the PvsAuditAction object(s) are
                     returned.
```

Mcli-Get AuditTrail

```
   Get the Audit Trail actions for a Farm, Site, Server, DiskLocator,
     Collection, Device, User Group, Site View, Farm View or Store. All Audit
     Trail actions are returned if no parameters are passed. The result can be
     filtered by parent, user\domain and date range.
```

Get-PvsAuditTrail

```
   Get the Audit Trail actions for a Farm, Site, Server, DiskLocator,
     Collection, Device, User Group, Site View, Farm View or Store. All Audit
     Trail actions are returned if no parameters are passed. The result can be
     filtered by parent, user\domain and date range.
     -p                        Parameters needed for the Get.
      One of these optional
       auditActionId            GUID of the Audit Action to Get.
         Guid[] Guid or AuditActionId: GUID of the Audit Action to Get.
       parentId                 Parent auditActionId of the records to
                                  retrieve. If no parameters are included,
                                  only records with no parent are returned.
         Guid[] ParentId: Parent AuditActionId of the records to retrieve. If
                     no parameters are included, only records with no
                     parent are returned.
       rootId                   Root auditActionId of the records to
                                  retrieve. All of the actions caused by the
                                  root action are returned. If no parameters
                                  are included, only records with no root are
                                  returned.
         Guid[] RootId: Root AuditActionId of the records to retrieve. All of
                     the actions caused by the root action are returned.
                     If no parameters are included, only records with no
                     root are returned.
       siteId                   GUID of the Site to get the Audit Trail for.
         Guid[] SiteId: GUID of the Site to get the Audit Trail for.
       siteName                 Name of the Site to get the Audit Trail for.
         string[] SiteName: Name of the Site to get the Audit Trail for.
```

```
collectionId               GUID of the Collection to get the Audit
                           Trail for.
  Guid[] CollectionId: GUID of the Collection to get the Audit Trail
                    for.
siteViewId                 GUID of the Site View to get the Audit Trail
                           for.
  Guid[] SiteViewId: GUID of the Site View to get the Audit Trail for.
farmViewId                 GUID of the Farm View to get the Audit Trail
                           for.
  Guid[] FarmViewId: GUID of the Farm View to get the Audit Trail for.
farmViewName               Name of the Farm View to get the Audit Trail
                           for.
  string[] FarmViewName: Name of the Farm View to get the Audit Trail
                    for.
serverId                   GUID of the Server to get the Audit Trail
                           for.
  Guid[] ServerId: GUID of the Server to get the Audit Trail for.
serverName                 Name of the Server to get the Audit Trail
                           for.
  string[] ServerName: Name of the Server to get the Audit Trail for.
deviceId                   GUID of the Device to get the Audit Trail
                           for.
  Guid[] DeviceId: GUID of the Device to get the Audit Trail for.
deviceName                 Name of the Device to get the Audit Trail
                           for.
  string[] DeviceName: Name of the Device to get the Audit Trail for.
deviceMac                  MAC of the Device to get the Audit Trail
                           for.
  PvsPhysicalAddress[] DeviceMac: MAC of the Device to get the Audit
                    Trail for.
storeId                    GUID of the Store to get the Audit Trail
                           for.
  Guid[] StoreId: GUID of the Store to get the Audit Trail for.
storeName                  Name of the Store to get the Audit Trail
                           for.
  string[] StoreName: Name of the Store to get the Audit Trail for.
diskLocatorId              GUID of the DiskLocator to get the Audit
                           Trail for.
  Guid[] DiskLocatorId: GUID of the DiskLocator to get the Audit Trail
                    for.
or one of these optional & resolutions
collectionName             Name of the Collection to get the Audit
                           Trail for.
  string[] CollectionName: Name of the Collection to get the Audit
                    Trail for.
siteViewName               Name of the Site View to get the Audit Trail
                           for.
  string[] SiteViewName: Name of the Site View to get the Audit Trail
                    for.
diskLocatorName            Name of the DiskLocator to get the Audit
                           Trail for.
  string[] DiskLocatorName: Name of the DiskLocator to get the Audit
                    Trail for.
Optional
userName                   User that performed the action.
  string[] UserName: User that performed the action.
```

```
domain                          Domain of the user that performed the
                                action.
  string[] Domain: Domain of the user that performed the action.
beginDate                       Date of the first actions to get. If not
                                included, all actions until the endDate are
                                returned. If neither this or the endDate are
                                included, then only actions that occurred in
                                the last week are returned. Format is:
                                yyyy/mm/dd
  DateTime BeginDate: Date/Time of the first actions to get. If not
                    included, all actions until the endDate are
                    returned. If neither this or the endDate are
                    included, then only actions that occurred in the
                    last week are returned. Uses only the date, hour and
                    minute. If connected to a Server version previous to
                    7.7, only the date is used.
endDate                         Date of the last actions to get. If not
                                included, all actions from the beginDate
                                until now are returned. If neither this or
                                the beginDate are included, then only
                                actions that occurred in the last week are
                                returned. Format is: yyyy/mm/dd
  DateTime EndDate: Date/Time of the last actions to get. If not
                    included, all actions from the beginDate until now
                    are returned. If neither this or the beginDate are
                    included, then only actions that occurred in the
                    last week are returned. Uses only the date, hour and
                    minute. If connected to a Server version previous to
                    7.7, only the date is used.
type                            Comma delimited list of types to get. Values
                                are listed in the type field description.
  uint[] Type: Types to get. Values are: 0 (Many), 1 (AuthGroup), 2
                    (Collection), 3 (Device), 4 (Disk), 5 (DiskLocator),
                    6 (Farm), 7 (FarmView), 8 (Server), 9 (Site), 10
                    (SiteView), 11 (Store), 12 (System), and 13
                    (UserGroup)
action                          Comma delimited list of actions to get.
                                Values are listed in the action field
                                description.
  uint[] Action: Actions to get. Values are: 1 (AddAuthGroup), 2
                    (AddCollection), 3 (AddDevice), 4 (AddDiskLocator),
                    5 (AddFarmView), 6 (AddServer), 7 (AddSite), 8
                    (AddSiteView), 9 (AddStore), 10 (AddUserGroup), 11
                    (AddVirtualHostingPool), 12 (AddUpdateTask), 13
                    (AddDiskUpdateDevice), 1001 (DeleteAuthGroup), 1002
                    (DeleteCollection), 1003 (DeleteDevice), 1004
                    (DeleteDeviceDiskCacheFile), 1005
                    (DeleteDiskLocator), 1006 (DeleteFarmView), 1007
                    (DeleteServer), 1008 (DeleteServerStore), 1009
                    (DeleteSite), 1010 (DeleteSiteView), 1011
                    (DeleteStore), 1012 (DeleteUserGroup), 1013
                    (DeleteVirtualHostingPool), 1014 (DeleteUpdateTask),
                    1015 (DeleteDiskUpdateDevice), 1016
                    (DeleteDiskVersion), 2001 (RunAddDeviceToDomain),
                    2002 (RunApplyAutoUpdate), 2003
                    (RunApplyIncrementalUpdate), 2004
                    (RunArchiveAuditTrail), 2005 (RunAssignAuthGroup),
```

2006 (RunAssignDevice), 2007 (RunAssignDiskLocator),
2008 (RunAssignServer), 2009 (RunWithReturnBoot),
2010 (RunCopyPasteDevice), 2011 (RunCopyPasteDisk),
2012 (RunCopyPasteServer), 2013
(RunCreateDirectory), 2014 (RunCreateDiskCancel),
2015 (RunDisableCollection), 2016
(RunDisableDevice), 2017
(RunDisableDeviceDiskLocator), 2018
(RunDisableDiskLocator), 2019 (RunDisableUserGroup),
2020 (RunDisableUserGroupDiskLocator), 2021
(RunWithReturnDisplayMessage), 2022
(RunEnableCollection), 2023 (RunEnableDevice), 2024
(RunEnableDeviceDiskLocator), 2025
(RunEnableDiskLocator), 2026 (RunEnableUserGroup),
2027 (RunEnableUserGroupDiskLocator), 2028
(RunExportOemLicenses), 2029 (RunImportDatabase),
2030 (RunImportDevices), 2031
(RunImportOemLicenses), 2032 (RunMarkDown), 2033
(RunWithReturnReboot), 2034 (RunRemoveAuthGroup),
2035 (RunRemoveDevice), 2036
(RunRemoveDeviceFromDomain), 2037
(RunRemoveDirectory), 2038 (RunRemoveDiskLocator),
2039 (RunResetDeviceForDomain), 2040
(RunResetDatabaseConnection), 2041
(RunRestartStreamingService), 2042
(RunWithReturnShutdown), 2043
(RunStartStreamingService), 2044
(RunStopStreamingService), 2045 (RunUnlockAllDisk),
2046 (RunUnlockDisk), 2047
(RunServerStoreVolumeAccess), 2048
(RunServerStoreVolumeMode), 2049 (RunMergeDisk),
2050 (RunRevertDiskVersion), 2051
(RunPromoteDiskVersion), 2052
(RunCancelDiskMaintenance), 2053
(RunActivateDevice), 2054 (RunAddDiskVersion), 2055
(RunExportDisk), 2056 (RunAssignDisk), 2057
(RunRemoveDisk), 2058 (RunDiskUpdateStart), 2059
(RunDiskUpdateCancel), 2060 (RunSetOverrideVersion),
2061 (RunCancelTask), 2062 (RunClearTask), 2063
(RunForceInventory), 2064 RunUpdateBDM, 2065
(RunStartDeviceDiskTempVersionMode), 2066
(RunStopDeviceDiskTempVersionMode), 3001
(RunWithReturnCreateDisk), 3002
(RunWithReturnCreateDiskStatus), 3003
(RunWithReturnMapDisk), 3004
(RunWithReturnRebalanceDevices), 3005
(RunWithReturnCreateMaintenanceVersion), 3006
(RunWithReturnImportDisk), 4001
(RunByteArrayInputImportDevices), 4002
(RunByteArrayInputImportOemLicenses), 5001
(RunByteArrayOutputArchiveAuditTrail), 5002
(RunByteArrayOutputExportOemLicenses), 6001
(SetAuthGroup), 6002 (SetCollection), 6003
(SetDevice), 6004 (SetDisk), 6005 (SetDiskLocator),
6006 (SetFarm), 6007 (SetFarmView), 6008
(SetServer), 6009 (SetServerBiosBootstrap), 6010
(SetServerBootstrap), 6011 (SetServerStore), 6012

```
                              (SetSite), 6013 (SetSiteView), 6014 (SetStore), 6015
                              (SetUserGroup), 6016 SetVirtualHostingPool, 6017
                              SetUpdateTask, 6018 SetDiskUpdateDevice, 7001
                              (SetListDeviceBootstraps), 7002
                              (SetListDeviceBootstrapsDelete), 7003
                              (SetListDeviceBootstrapsAdd), 7004
                              (SetListDeviceCustomProperty), 7005
                              (SetListDeviceCustomPropertyDelete), 7006
                              (SetListDeviceCustomPropertyAdd), 7007
                              (SetListDeviceDiskPrinters), 7008
                              (SetListDeviceDiskPrintersDelete), 7009
                              (SetListDeviceDiskPrintersAdd), 7010
                              (SetListDevicePersonality), 7011
                              (SetListDevicePersonalityDelete), 7012
                              (SetListDevicePersonalityAdd), 7013
                              (SetListDiskLocatorCustomProperty), 7014
                              (SetListDiskLocatorCustomPropertyDelete), 7015
                              (SetListDiskLocatorCustomPropertyAdd), 7016
                              (SetListServerCustomProperty), 7017
                              (SetListServerCustomPropertyDelete), 7018
                              (SetListServerCustomPropertyAdd), 7019
                              (SetListUserGroupCustomProperty), 7020
                              (SetListUserGroupCustomPropertyDelete), and 7021
                              (SetListUserGroupCustomPropertyAdd)
   One of these resolutions when needed
    siteId                    GUID of the Site.
      Guid[] SiteId: GUID of the Site to get the Audit Trail for.
    siteName                  Name of the Site.
      string[] SiteName: Name of the Site to get the Audit Trail for.
   One of these resolutions when needed
    storeId                   GUID of the Store that is needed when a
                              diskLocatorName is used.
      Guid[] StoreId: GUID of the Store to get the Audit Trail for.
    storeName                 Name of the Store that is needed when a
                              diskLocatorName is used.
      string[] StoreName: Name of the Store to get the Audit Trail for.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        AuditActionId, ParentId, RootId, SiteId, CollectionId, SiteViewId,
                  FarmViewId, ServerId, DeviceId, StoreId or
                  DiskLocatorId
 -f                           List of fields to retrieve, if not included,
                              all fields are retrieved.
  If only selected fields are needed, pass them in the Fields parameter
                  as a string array.
    auditActionId             GUID of the action. Length=36
      Guid or AuditActionId: GUID of the action.
    time                      Date/Time the action occurred down to the
                              millisecond. Format is: YYYY-MM-DD
                              HH:MM:SS.SSS Default=getdate
      Time: Date/Time the action occurred down to the millisecond. Has the
                  date and time including milliseconds. Default=Empty
    userName                  User that performed the action. Max
                              Length=255
      UserName: User that performed the action. Max Length=255
```

```
domain                          Domain of the user that performed the
                                action. Max Length=255
```
 Domain: Domain of the user that performed the action. Max Length=255
```
type                            Type of object that action was performed on.
                                Values are: 0 (Many), 1 (AuthGroup), 2
                                (Collection), 3 (Device), 4 (Disk), 5
                                (DiskLocator), 6 (Farm), 7 (FarmView), 8
                                (Server), 9 (Site), 10 (SiteView), 11
                                (Store), 12 (System), and 13 (UserGroup)
```
 Type: Type of object that action was performed on. Values are: 0
                (Many), 1 (AuthGroup), 2 (Collection), 3 (Device), 4
                (Disk), 5 (DiskLocator), 6 (Farm), 7 (FarmView), 8
                (Server), 9 (Site), 10 (SiteView), 11 (Store), 12
                (System), and 13 (UserGroup)
```
action                          Name of the action taken. This is a number
                                that is converted to a string for display.
                                Values are: 1 (AddAuthGroup), 2
                                (AddCollection), 3 (AddDevice), 4
                                (AddDiskLocator), 5 (AddFarmView), 6
                                (AddServer), 7 (AddSite), 8 (AddSiteView), 9
                                (AddStore), 10 (AddUserGroup), 11
                                (AddVirtualHostingPool), 12 (AddUpdateTask),
                                13 (AddDiskUpdateDevice), 1001
                                (DeleteAuthGroup), 1002 (DeleteCollection),
                                1003 (DeleteDevice), 1004
                                (DeleteDeviceDiskCacheFile), 1005
                                (DeleteDiskLocator), 1006 (DeleteFarmView),
                                1007 (DeleteServer), 1008
                                (DeleteServerStore), 1009 (DeleteSite), 1010
                                (DeleteSiteView), 1011 (DeleteStore), 1012
                                (DeleteUserGroup), 1013
                                (DeleteVirtualHostingPool), 1014
                                (DeleteUpdateTask), 1015
                                (DeleteDiskUpdateDevice), 1016
                                (DeleteDiskVersion), 2001
                                (RunAddDeviceToDomain), 2002
                                (RunApplyAutoUpdate), 2003
                                (RunApplyIncrementalUpdate), 2004
                                (RunArchiveAuditTrail), 2005
                                (RunAssignAuthGroup), 2006
                                (RunAssignDevice), 2007
                                (RunAssignDiskLocator), 2008
                                (RunAssignServer), 2009 (RunWithReturnBoot),
                                2010 (RunCopyPasteDevice), 2011
                                (RunCopyPasteDisk), 2012
                                (RunCopyPasteServer), 2013
                                (RunCreateDirectory), 2014
                                (RunCreateDiskCancel), 2015
                                (RunDisableCollection), 2016
                                (RunDisableDevice), 2017
                                (RunDisableDeviceDiskLocator), 2018
                                (RunDisableDiskLocator), 2019
                                (RunDisableUserGroup), 2020
                                (RunDisableUserGroupDiskLocator), 2021
                                (RunWithReturnDisplayMessage), 2022
                                (RunEnableCollection), 2023
                                (RunEnableDevice), 2024
```

(RunEnableDeviceDiskLocator), 2025
(RunEnableDiskLocator), 2026
(RunEnableUserGroup), 2027
(RunEnableUserGroupDiskLocator), 2028
(RunExportOemLicenses), 2029
(RunImportDatabase), 2030
(RunImportDevices), 2031
(RunImportOemLicenses), 2032 (RunMarkDown),
2033 (RunWithReturnReboot), 2034
(RunRemoveAuthGroup), 2035
(RunRemoveDevice), 2036
(RunRemoveDeviceFromDomain), 2037
(RunRemoveDirectory), 2038
(RunRemoveDiskLocator), 2039
(RunResetDeviceForDomain), 2040
(RunResetDatabaseConnection), 2041
(RunRestartStreamingService), 2042
(RunWithReturnShutdown), 2043
(RunStartStreamingService), 2044
(RunStopStreamingService), 2045
(RunUnlockAllDisk), 2046 (RunUnlockDisk),
2047 (RunServerStoreVolumeAccess), 2048
(RunServerStoreVolumeMode), 2049
(RunMergeDisk), 2050 (RunRevertDiskVersion),
2051 (RunPromoteDiskVersion), 2052
(RunCancelDiskMaintenance), 2053
(RunActivateDevice), 2054
(RunAddDiskVersion), 2055 (RunExportDisk),
2056 (RunAssignDisk), 2057 (RunRemoveDisk),
2058 (RunDiskUpdateStart), 2059
(RunDiskUpdateCancel), 2060
(RunSetOverrideVersion), 2061
(RunCancelTask), 2062 (RunClearTask), 2063
(RunForceInventory), 2064 RunUpdateBDM, 2065
(RunStartDeviceDiskTempVersionMode), 2066
(RunStopDeviceDiskTempVersionMode), 3001
(RunWithReturnCreateDisk), 3002
(RunWithReturnCreateDiskStatus), 3003
(RunWithReturnMapDisk), 3004
(RunWithReturnRebalanceDevices), 3005
(RunWithReturnCreateMaintenanceVersion),
3006 (RunWithReturnImportDisk), 4001
(RunByteArrayInputImportDevices), 4002
(RunByteArrayInputImportOemLicenses), 5001
(RunByteArrayOutputArchiveAuditTrail), 5002
(RunByteArrayOutputExportOemLicenses), 6001
(SetAuthGroup), 6002 (SetCollection), 6003
(SetDevice), 6004 (SetDisk), 6005
(SetDiskLocator), 6006 (SetFarm), 6007
(SetFarmView), 6008 (SetServer), 6009
(SetServerBiosBootstrap), 6010
(SetServerBootstrap), 6011 (SetServerStore),
6012 (SetSite), 6013 (SetSiteView), 6014
(SetStore), 6015 (SetUserGroup), 6016
SetVirtualHostingPool, 6017 SetUpdateTask,
6018 SetDiskUpdateDevice, 7001
(SetListDeviceBootstraps), 7002

(SetListDeviceBootstrapsDelete), 7003
(SetListDeviceBootstrapsAdd), 7004
(SetListDeviceCustomProperty), 7005
(SetListDeviceCustomPropertyDelete), 7006
(SetListDeviceCustomPropertyAdd), 7007
(SetListDeviceDiskPrinters), 7008
(SetListDeviceDiskPrintersDelete), 7009
(SetListDeviceDiskPrintersAdd), 7010
(SetListDevicePersonality), 7011
(SetListDevicePersonalityDelete), 7012
(SetListDevicePersonalityAdd), 7013
(SetListDiskLocatorCustomProperty), 7014
(SetListDiskLocatorCustomPropertyDelete),
7015 (SetListDiskLocatorCustomPropertyAdd),
7016 (SetListServerCustomProperty), 7017
(SetListServerCustomPropertyDelete), 7018
(SetListServerCustomPropertyAdd), 7019
(SetListUserGroupCustomProperty), 7020
(SetListUserGroupCustomPropertyDelete), and
7021 (SetListUserGroupCustomPropertyAdd)

Action: Name of the action taken. This is a number that is converted
to a string for display. Values are: 1
(AddAuthGroup), 2 (AddCollection), 3 (AddDevice), 4
(AddDiskLocator), 5 (AddFarmView), 6 (AddServer), 7
(AddSite), 8 (AddSiteView), 9 (AddStore), 10
(AddUserGroup), 11 (AddVirtualHostingPool), 12
(AddUpdateTask), 13 (AddDiskUpdateDevice), 1001
(DeleteAuthGroup), 1002 (DeleteCollection), 1003
(DeleteDevice), 1004 (DeleteDeviceDiskCacheFile),
1005 (DeleteDiskLocator), 1006 (DeleteFarmView),
1007 (DeleteServer), 1008 (DeleteServerStore), 1009
(DeleteSite), 1010 (DeleteSiteView), 1011
(DeleteStore), 1012 (DeleteUserGroup), 1013
(DeleteVirtualHostingPool), 1014 (DeleteUpdateTask),
1015 (DeleteDiskUpdateDevice), 1016
(DeleteDiskVersion), 2001 (RunAddDeviceToDomain),
2002 (RunApplyAutoUpdate), 2003
(RunApplyIncrementalUpdate), 2004
(RunArchiveAuditTrail), 2005 (RunAssignAuthGroup),
2006 (RunAssignDevice), 2007 (RunAssignDiskLocator),
2008 (RunAssignServer), 2009 (RunWithReturnBoot),
2010 (RunCopyPasteDevice), 2011 (RunCopyPasteDisk),
2012 (RunCopyPasteServer), 2013
(RunCreateDirectory), 2014 (RunCreateDiskCancel),
2015 (RunDisableCollection), 2016
(RunDisableDevice), 2017
(RunDisableDeviceDiskLocator), 2018
(RunDisableDiskLocator), 2019 (RunDisableUserGroup),
2020 (RunDisableUserGroupDiskLocator), 2021
(RunWithReturnDisplayMessage), 2022
(RunEnableCollection), 2023 (RunEnableDevice), 2024
(RunEnableDeviceDiskLocator), 2025
(RunEnableDiskLocator), 2026 (RunEnableUserGroup),
2027 (RunEnableUserGroupDiskLocator), 2028
(RunExportOemLicenses), 2029 (RunImportDatabase),
2030 (RunImportDevices), 2031
(RunImportOemLicenses), 2032 (RunMarkDown), 2033

(RunWithReturnReboot), 2034 (RunRemoveAuthGroup),
2035 (RunRemoveDevice), 2036
(RunRemoveDeviceFromDomain), 2037
(RunRemoveDirectory), 2038 (RunRemoveDiskLocator),
2039 (RunResetDeviceForDomain), 2040
(RunResetDatabaseConnection), 2041
(RunRestartStreamingService), 2042
(RunWithReturnShutdown), 2043
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```
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objectId                      GUID of the object of the action.
                              Default=null Length=36
  ObjectId: GUID of the object of the action. Default=00000000-0000-
                  0000-0000-000000000000
objectName                    Name of the object of the action.
                              Default=null Max Length=1000
  ObjectName: Name of the object of the action. Default="" Max
                  Length=1000
path                          Path of the object of the action. An example
                              is Site\Collection for a Device.
                              Default=null Max Length=101
  Path: Path of the object of the action. An example is Site\Collection
                  for a Device. Default="" Max Length=101
siteId                        GUID of the Site for the object of the
                              action. Empty when not valid. Default=null
                              Length=36
  SiteId: GUID of the Site for the object of the action. 00000000-0000-
                  0000-0000-000000000000 when not valid.
                  Default=00000000-0000-0000-0000-000000000000
subId                         GUID of the Collection or Store of the
                              action. Empty when not valid. Default=null
                              Length=36
  SubId: GUID of the Collection or Store of the action. 00000000-0000-
                  0000-0000-000000000000 when not valid.
                  Default=00000000-0000-0000-0000-000000000000
parentId                      GUID of the parent action (one that
                              triggered this action) if one exists. Empty
                              when not valid. Default=null Length=36
  ParentId: GUID of the parent action (one that triggered this action)
                  if one exists. 00000000-0000-0000-0000-000000000000
                  when not valid. Default=00000000-0000-0000-0000-
                  000000000000
rootId                        GUID of the root action (one that triggered
                              this group of actions) if one exists. Empty
                              when not valid. Default=null Length=36
  RootId: GUID of the root action (one that triggered this group of
                  actions) if one exists. 00000000-0000-0000-0000-
                  000000000000 when not valid. Default=00000000-0000-
                  0000-0000-000000000000
attachments                   An or'ed value that indicates if there are
                              any details for this action. A value of 15
                              indicates that there are Children, Sibling,
                              Parameters and Properties for the action.
                              Values are: 0 (None), 1 (Children), 2
                              (Sibling), 4 (Parameters), and 8
                              (Properties) Default=0
  Attachments: An or'ed value that indicates if there are any details
                  for this action. A value of 15 indicates that there
                  are Children, Sibling, Parameters and Properties for
                  the action. Values are: 0 (None), 1 (Children), 2
```

```
                        (Sibling), 4 (Parameters), and 8 (Properties)
                        Default=0
     records                        If successful, records retrieved.
      PvsAuditTrail[]: If successful, the PvsAuditTrail object(s) are
                        returned.
```

Mcli-Get AuthGroup

```
    Get the fields for an AuthGroup, all AuthGroups in the system, AuthGroups
      with Farm, Site or Collection Authorization. All AuthGroups in the system
      are returned if no parameters are passed.
```

Get-PvsAuthGroup

```
    Get the fields for an AuthGroup, all AuthGroups in the system, AuthGroups
      with Farm, Site or Collection Authorization. All AuthGroups in the system
      are returned if no parameters are passed.
     -p                             Parameters needed for the Get.
      One of these optional
       authGroupId               GUID of the AuthGroup to Get.
         Guid[] Guid or AuthGroupId: GUID of the AuthGroup to Get.
       authGroupName             Name of the AuthGroup to Get.
         string[] Name or AuthGroupName: Name of the AuthGroup to Get.
       siteId                    GUID of the Site to Get all AuthGroups with
                                   Authorization for.
         Guid[] SiteId: GUID of the Site to Get all AuthGroups with
                        Authorization for.
       siteName                  Name of the Site to Get all AuthGroups with
                                   Authorization for.
         string[] SiteName: Name of the Site to Get all AuthGroups with
                        Authorization for.
       collectionId              GUID of the Collection to Get all AuthGroups
                                   with Authorization for.
         Guid[] CollectionId: GUID of the Collection to Get all AuthGroups
                        with Authorization for.
      or this optional & resolution
       collectionName            Name of the Collection to Get all AuthGroups
                                   with Authorization for.
         string[] CollectionName: Name of the Collection to Get all AuthGroups
                        with Authorization for.
      Optional
       farm                      1 if AuthGroups with Farm Authorization
                                   should be returned, 0 otherwise.
         SwitchParameter Farm: If -Farm is specified, AuthGroups with Farm
                        Authorization should be returned.
      One of these resolutions when needed
       siteId                    GUID of the Site.
         Guid[] SiteId: GUID of the Site to Get all AuthGroups with
                        Authorization for.
       siteName                  Name of the Site.
         string[] SiteName: Name of the Site to Get all AuthGroups with
                        Authorization for.
      Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          AuthGroupId, SiteId or CollectionId
     -s                           Name of field to sort on. If not included,
                                   the first field listed is used. Append a - to
                                   the field name to get descending order.
```

```
           authGroupName              Name of the Active Directory or Windows
                                      Group. Max Length=450
         description                  User description. Default="" Max Length=250
    -f                                List of fields to retrieve, if not included,
                                      all fields are retrieved.
     If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
         authGroupId                  Read-only GUID that uniquely identifies this
                                      AuthGroup. Length=36
        Guid or AuthGroupId: Read-only GUID that uniquely identifies this
                        AuthGroup.
         authGroupName                Name of the Active Directory or Windows
                                      Group. Max Length=450
        Name or AuthGroupName: Name of the Active Directory or Windows Group.
                       Max Length=450
         description                  User description. Default="" Max Length=250
         Description: User description. Default="" Max Length=250
         role                         Role of the AuthGroup for a Collection. role
                                      can only be used with collectionId or
                                      collectionName. 300 is Collection
                                      Administrator, and 400 is Collection
                                      Operator. Default=999
        Role: Role of the AuthGroup for a Collection. role can only be used
                        with CollectionId or CollectionName. 300 is
                        Collection Administrator, and 400 is Collection
                        Operator. Default=999
    records                           If successful, records retrieved.
      PvsAuthGroup[]: If successful, the PvsAuthGroup object(s) are returned.
```

Mcli-Get AuthGroupUsage

```
  Get the items that are authorized for an AuthGroup.
```

Get-PvsAuthGroupUsage

```
  Get the items that are authorized for an AuthGroup.
    -p                                Parameters needed for the Get.
     One of these required
       authGroupId                    GUID of the AuthGroup to Get all items that
                                      are authorized for it.
         Guid[] AuthGroupId: GUID of the AuthGroup to Get all items that are
                        authorized for it.
       authGroupName                  Name of the AuthGroup to Get all items that
                                      are authorized for it.
         string[] Name or AuthGroupName: Name of the AuthGroup to Get all
                        items that are authorized for it.
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
         AuthGroupId
    -f                                List of fields to retrieve, if not included,
                                      all fields are retrieved.
     If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
       id                             GUID of the item. The item can be a Farm,
                                      Site or Collection. It will be empty for
                                      Farm.
```

```
       Guid or Id: GUID of the item. The item can be a Farm, Site or
                   Collection. It will be 00000000-0000-0000-0000-
                   000000000000 for Farm.
    name                          Name of the item. The item can be a Farm,
                                  Site or Collection.
     Name: Name of the item. The item can be a Farm, Site or Collection.
    role                          Role of the AuthGroup for the item. 100 is
                                  Farm Administrator, 200 is Site
                                  Administrator, 300 is Collection
                                  Administrator, and 400 is Collection
                                  Operator. Default=999
     Role: Role of the AuthGroup for the item. 100 is Farm Administrator,
                   200 is Site Administrator, 300 is Collection
                   Administrator, and 400 is Collection Operator.
                   Default=999
  records                         If successful, records retrieved.
   PvsAuthGroupUsage[]: If successful, the PvsAuthGroupUsage object(s) are
                   returned.
```

Mcli-Get CeipData

```
  Get the CEIP configuration
```

Get-PvsCeipData

```
  Get the CEIP configuration
   -p                            Parameters needed for the Get.
    Optional
     uuid                        CEIP UUID of this Farm. This is optional
                                 since there is only one.
      string[] Uuid: CEIP UUID of this Farm. This is optional since there
                   is only one.
    Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                   the Object parameter or from a pileline:
       Uuid
   -f                            List of fields to retrieve, if not included,
                                 all fields are retrieved.
    If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
     enabled                     1 if CEIP is enabled, otherwise 0. Min=0,
                                 Max=1
      Enabled: 1 if CEIP is enabled, otherwise 0. Min=0, Max=1
     uuid                        CEIP UUID. Length=36
      Uuid: CEIP UUID.
     nextUpload                  Date and time next CEIP upload is due if
                                 enabled is 1. Default=null
      NextUpload: Date and time next CEIP upload is due if enabled is 1.
                   Default=Empty
     inProgress                  1 if an upload is currently in progress,
                                 otherwise 0. Default=0
      InProgress: 1 if an upload is currently in progress, otherwise 0.
                   Default=0
     serverId                    ID of server that is currently uploading,
                                 null if inProgress is 0. Default=null
                                 Length=36
      ServerId: ID of server that is currently uploading, null if
                   InProgress is 0. Default=00000000-0000-0000-0000-
                   000000000000
```

```
         oneTimeUpload               1 to perform a one time upload. Default=0
           OneTimeUpload: 1 to perform a one time upload. Default=0
       records                       If successful, records retrieved.
         PvsCeipData[]: If successful, the PvsCeipData object(s) are returned.
```

Mcli-Get CisData
```
    Get the CIS configuration
```
Get-PvsCisData
```
    Get the CIS configuration
      -f                            List of fields to retrieve, if not included,
                                    all fields are retrieved.
        If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
       cisDataId                    CIS UUID Length=36
         Guid or CisDataId: CIS UUID
       userName                     Username used to obtain the token
                                    Default=null Max Length=255
         UserName: Username used to obtain the token Default="" Max Length=255
       uploadToken                  Token for uploading bundles to CIS
                                    Default=null Max Length=10
         UploadToken: Token for uploading bundles to CIS Default="" Max
                      Length=10
       path                         Path where the last problem report bundle
                                    was saved Default=null Max Length=255
         Path: Path where the last problem report bundle was saved Default=""
                      Max Length=255
       password                     Password of the user required to obtain the
                                    token. This is required only by Set and Add
         Password: Password of the user required to obtain the token. This is
                      required only by Set and Add
       records                      If successful, records retrieved.
         PvsCisData[]: If successful, the PvsCisData object(s) are returned.
```

Mcli-Get Collection
```
    Get the fields for a Collection or all Collections in a Site or Farm. All
      Collections are returned if no parameters are passed.
```
Get-PvsCollection
```
    Get the fields for a Collection or all Collections in a Site or Farm. All
      Collections are returned if no parameters are passed.
      -p                            Parameters needed for the Get.
       One of these optional
        collectionId                GUID of the Collection to Get.
          Guid[] Guid or CollectionId: GUID of the Collection to Get.
        siteId                      GUID of the Site to Get all Collections for.
          Guid[] SiteId: GUID of the Site to Get all Collections for.
        siteName                    Name of the Site to Get all Collections for.
          string[] SiteName: Name of the Site to Get all Collections for.
       or this optional & resolution
        collectionName              Name of the Collection to Get.
          string[] Name or CollectionName: Name of the Collection to Get.
       One of these resolutions when needed
        siteId                      GUID of the Site.
          Guid[] SiteId: GUID of the Site to Get all Collections for.
        siteName                    Name of the Site.
          string[] SiteName: Name of the Site to Get all Collections for.
```

```
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
       CollectionId or SiteId
-s                              Name of field to sort on. If not included,
                                the first field listed is used. Append a - to
                                the field name to get descending order.
    collectionName              Name of the Collection. It is unique within
                                  the Site. Max Length=50
    description                 User description. Default="" Max Length=250
    deviceCount                 Read-only count of Devices in this
                                  Collection. Default=0
    deviceWithPVDCount          Read-only count of Devices with Personal
                                  vDisk in this Collection. Default=0
    activeDeviceCount           Read-only count of active Devices in this
                                  Collection. Default=0
-f                              List of fields to retrieve, if not included,
                                all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
    collectionId                Read-only GUID that uniquely identifies this
                                  Collection. Length=36
       Guid or CollectionId: Read-only GUID that uniquely identifies this
                      Collection.
    collectionName              Name of the Collection. It is unique within
                                  the Site. Max Length=50
       Name or CollectionName: Name of the Collection. It is unique within
                      the Site. Max Length=50
    siteId                      GUID of the Site that this Collection is a
                                  member of. It is not used with siteName.
                                  Length=36
       SiteId: GUID of the Site that this Collection is a member of. It is
                      not used with SiteName.
    siteName                    Name of the Site that this Collection is a
                                  member of. It is not used with siteId.
       SiteName: Name of the Site that this Collection is a member of. It is
                      not used with SiteId.
    description                 User description. Default="" Max Length=250
       Description: User description. Default="" Max Length=250
    templateDeviceId            GUID of a Device in the Collection whose
                                  settings are used for initial values of new
                                  Devices. Not used with templateDeviceName.
                                  Default=null Length=36
       TemplateDeviceId: GUID of a Device in the Collection whose settings
                      are used for initial values of new Devices. Not used
                      with templateDeviceName. Default=00000000-0000-0000-
                      0000-000000000000
    templateDeviceName          Name of a Device in the Collection whose
                                  settings are used for initial values of new
                                  Devices. Not used with templateDeviceId.
                                  Default=null
       TemplateDeviceName: Name of a Device in the Collection whose settings
                      are used for initial values of new Devices. Not used
                      with TemplateDeviceId. Default=""
    lastAutoAddDeviceNumber    The Device Number of the last Auto Added
                                  Device. Default=0
```

LastAutoAddDeviceNumber: The Device Number of the last Auto Added Device. Default=0

enabled 1 when Devices in the Collection can be booted, 0 otherwise. Default=1

Enabled: True when Devices in the Collection can be booted, false otherwise. Default=true

deviceCount Read-only count of Devices in this Collection. Default=0

DeviceCount: Read-only count of Devices in this Collection. Default=0

deviceWithPVDCount Read-only count of Devices with Personal vDisk in this Collection. Default=0

DeviceWithPVDCount: Read-only count of Devices with Personal vDisk in this Collection. Default=0

activeDeviceCount Read-only count of active Devices in this Collection. Default=0

ActiveDeviceCount: Read-only count of active Devices in this Collection. Default=0

makActivateNeededCount Read-only count of active Devices that need MAK activation in this Collection. Default=0

MakActivateNeededCount: Read-only count of active Devices that need MAK activation in this Collection. Default=0

autoAddPrefix The string put before the Device Number for Auto Add. Default=null ASCII computer name characters no end digit Max Length=12

AutoAddPrefix: The string put before the Device Number for Auto Add. Default="" ASCII computer name characters no end digit Max Length=12

autoAddSuffix The string put after the Device Number for Auto Add. Default=null ASCII computer name characters no begin digit Max Length=12

AutoAddSuffix: The string put after the Device Number for Auto Add. Default="" ASCII computer name characters no begin digit Max Length=12

autoAddZeroFill 1 when zeros be placed before the Device Number up to the autoAddNumberLength for Auto Add, 0 otherwise. Default=1

AutoAddZeroFill: True when zeros be placed before the Device Number up to the AutoAddNumberLength for Auto Add, false otherwise. Default=true

autoAddNumberLength The maximum length of the Device Number for Auto Add. This length plus the autoAddPrefix length plus the autoAddSuffix length must be less than 16. Required that ((lenautoAddPrefix+lenautoAddSuffix)+autoAddNumberLength)<=15. Min=3, Max=9, Default=4

AutoAddNumberLength: The maximum length of the Device Number for Auto Add. This length plus the AutoAddPrefix length plus the AutoAddSuffix length must be less than 16. Required that ((lenautoAddPrefix+lenautoAddSuffix)+AutoAddNumberLength)<=15. Min=3, Max=9, Default=4

role Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 400 is Collection Operator. Default=999

Role: Read-only Role of the user for this item. 100 is Farm
                       Administrator, 200 is Site Administrator, 300 is
                       Collection Administrator, and 400 is Collection
                       Operator. Default=999
```
    records                      If successful, records retrieved.
     PvsCollection[]: If successful, the PvsCollection object(s) are
                     returned.
```

Mcli-Get Device

Get the fields for a Device, all Devices in a Collection, Site, Farm View,
or Farm. All Devices are returned if no parameters are passed.

Get-PvsDevice

Get the fields for a Device, all Devices in a Collection, Site, Farm View,
or Farm. All Devices are returned if no parameters are passed.
```
    -p                           Parameters needed for the Get.
     One of these optional
      deviceId                   GUID of the Device to Get.
       Guid[] Guid or DeviceId: GUID of the Device to Get.
      deviceName                 Name of Device to Get.
       string[] Name or DeviceName: Name of Device to Get.
      deviceMac                  MAC of the Device to Get.
       PvsPhysicalAddress[] DeviceMac: MAC of the Device to Get.
      collectionId               GUID of the Collection to Get all Devices
                                 for.
       Guid[] CollectionId: GUID of the Collection to Get all Devices for.
      serverId                   GUID of the Server to Get all Devices for.
       Guid[] ServerId: GUID of the Server to Get all Devices for.
      serverName                 Name of the Server to Get all Devices for.
       string[] ServerName: Name of the Server to Get all Devices for.
      diskLocatorId              GUID of the DiskLocator to Get all Devices
                                 for.
       Guid[] DiskLocatorId: GUID of the DiskLocator to Get all Devices for.
      siteViewId                 GUID of the Site View to Get all Devices
                                 for.
       Guid[] SiteViewId: GUID of the Site View to Get all Devices for.
      siteId                     GUID of the Site.
       Guid[] SiteId: GUID of the Site.
      siteName                   Name of the Site.
       string[] SiteName: Name of the Site.
      farmViewId                 GUID of the Farm View to Get all Devices
                                 for.
       Guid[] FarmViewId: GUID of the Farm View to Get all Devices for.
      farmViewName               Name of the Farm View to Get all Devices
                                 for.
       string[] FarmViewName: Name of the Farm View to Get all Devices for.
      bdmBoot                    Include only the BDM Devices when set to 1.
                                 PXE devices if set to 0. If not included,
                                 all Devices are returned.
       string[] BdmBoot: Include only the BDM Devices when set to 1. PXE
                     devices if set to 0. If not included, all Devices
                     are returned.
      deviceIdList               Comma delimited list of GUIDs of the Devices
                                 to Get. Maximum length is 8000 characters.
      deviceNameList             Comma delimited list of Names of the Devices
                                 to Get. Maximum length is 8000 characters.
```

```
      deviceMacList              Comma delimited list of MACs of the Devices
                                 to Get. Maximum length is 8000 characters.
   or one of these optional & resolutions
    collectionName               Name of the Collection to Get all Devices
                                 for.
      string[] CollectionName: Name of the Collection to Get all Devices
                   for.
    diskLocatorName              Name of the DiskLocator to Get all Devices
                                 for.
      string[] DiskLocatorName: Name of the DiskLocator to Get all Devices
                   for.
    siteViewName                 Name of the Site View to Get all Devices
                                 for.
      string[] SiteViewName: Name of the Site View to Get all Devices for.
   One of these resolutions when needed
    siteId                       GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName                     Name of the Site.
      string[] SiteName: Name of the Site.
   One of these resolutions when needed
    storeId                      GUID of the Store that is needed when a
                                 diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                   DiskLocatorName is used.
    storeName                    Name of the Store that is needed when a
                                 diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                   DiskLocatorName is used.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                   the Object parameter or from a pileline:
       DeviceName, CollectionId, ServerId, DiskLocatorId, SiteViewId,
                   SiteId or FarmViewId
 -s                              Name of field to sort on. If not included,
                                 the first field listed is used. Append a - to
                                 the field name to get descending order.
    deviceName                   Computer name with no spaces. ASCII computer
                                 name characters Max Length=15
    description                  User description. Default="" Max Length=250
    deviceMac                    Ethernet address as a string in the form XX-
                                 XX-XX-XX-XX-XX. Uniquely identifies the
                                 Device. Length=17
    bootFrom                     Device to boot from. Choices are 1 for
                                 vDisk, 2 for Hard Disk, and 3 for Floppy.
                                 This cannot be Set for a Device with
                                 Personal vDisk. Min=1, Max=3, Default=1
    className                    Used by Automatic Update feature to match
                                 new versions of Disks to a Device. This
                                 cannot be Set for a Device with Personal
                                 vDisk. Default="" Max Length=41
    port                         UDP port to use with Stream Service.
                                 Min=1025, Max=65534, Default=6901
 -f                              List of fields to retrieve, if not included,
                                 all fields are retrieved.
  If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
```

deviceId   Read-only GUID that uniquely identifies this
                              Device. Length=36
  Guid or DeviceId: Read-only GUID that uniquely identifies this
                    Device.
deviceName   Computer name with no spaces. ASCII computer
                              name characters Max Length=15
  Name or DeviceName: Computer name with no spaces. ASCII computer name
                    characters Max Length=15
collectionId   GUID of the Collection this Device is to be
                              a member of. It is not used with
                              collectionName. Length=36
  CollectionId: GUID of the Collection this Device is to be a member
                    of. It is not used with CollectionName.
collectionName   Name of the Collection this Device is to be
                              a member of. siteName or siteId must also be
                              used.
  CollectionName: Name of the Collection this Device is to be a member
                    of. SiteName or SiteId must also be used.
siteId   GUID of the Site the collectionName is to be
                              a member of. This or siteName is used with
                              collectionName.
  SiteId: GUID of the Site the CollectionName is to be a member of.
                    This or SiteName is used with CollectionName.
siteName   Name of the Site the collectionName is to be
                              a member of. This or siteId is used with
                              collectionName.
  SiteName: Name of the Site the CollectionName is to be a member of.
                    This or SiteId is used with CollectionName.
description   User description. Default="" Max Length=250
  Description: User description. Default="" Max Length=250
deviceMac   Ethernet address as a string in the form XX-
                              XX-XX-XX-XX-XX. Uniquely identifies the
                              Device. Length=17
  DeviceMac: Ethernet address can have the form XX-XX-XX-XX-XX-XX.
                    Uniquely identifies the Device.
bootFrom   Device to boot from. Choices are 1 for
                              vDisk, 2 for Hard Disk, and 3 for Floppy.
                              This cannot be Set for a Device with
                              Personal vDisk. Min=1, Max=3, Default=1
  BootFrom: Device to boot from. Choices are 1 for vDisk, 2 for Hard
                    Disk, and 3 for Floppy. This cannot be Set for a
                    Device with Personal vDisk. Min=1, Max=3, Default=1
className   Used by Automatic Update feature to match
                              new versions of Disks to a Device. This
                              cannot be Set for a Device with Personal
                              vDisk. Default="" Max Length=41
  ClassName: Used by Automatic Update feature to match new versions of
                    Disks to a Device. This cannot be Set for a Device
                    with Personal vDisk. Default="" Max Length=41
port   UDP port to use with Stream Service.
                              Min=1025, Max=65534, Default=6901
  Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                    Default=6901
enabled   1 when it can be booted, 0 otherwise. This
                              cannot be Set for a Device with Personal
                              vDisk. Default=1

```
                    Enabled: True when it can be booted, false otherwise. This cannot be
                              Set for a Device with Personal vDisk. Default=true
localDiskEnabled              If there is a local disk menu choice for the
                              Device, this is 1. This cannot be Set for a
                              Device with Personal vDisk. Default=0
   LocalDiskEnabled: If there is a local disk menu choice for the
                              Device, this is true. This cannot be Set for a
                              Device with Personal vDisk. Default=false
role                          Read-only Role of the user for this item.
                              100 is Farm Administrator, 200 is Site
                              Administrator, 300 is Collection
                              Administrator, and 400 is Collection
                              Operator. Default=999
    Role: Read-only Role of the user for this item. 100 is Farm
                              Administrator, 200 is Site Administrator, 300 is
                              Collection Administrator, and 400 is Collection
                              Operator. Default=999
authentication                Device log in authentication. Choices are 0
                              for none, 1 for User Name/Password, and 2
                              for Extern. This cannot be Set for a Device
                              with Personal vDisk. Min=0, Max=2, Default=0
   Authentication: Device log in authentication. Choices are 0 for none,
                              1 for User Name/Password, and 2 for Extern. This
                              cannot be Set for a Device with Personal vDisk.
                              Min=0, Max=2, Default=0
user                          Name of user to authenticate before the boot
                              process continues. This cannot be Set for a
                              Device with Personal vDisk. Default="" ASCII
                              Max Length=20
   User: Name of user to authenticate before the boot process continues.
                              This cannot be Set for a Device with Personal vDisk.
                              Default="" ASCII Max Length=20
password                      Password of user to authenticate before the
                              boot process continues. This cannot be Set
                              for a Device with Personal vDisk. Default=""
                              ASCII Max Length=100
   Password: Password of user to authenticate before the boot process
                              continues. This cannot be Set for a Device with
                              Personal vDisk. Default="" ASCII Max Length=100
active                        1 if the Device is currently active, 0
                              otherwise. Default=0
   Active: True if the Device is currently active, false otherwise.
                              Default=false
template                      1 if the Device is the template in its
                              Collection, 0 otherwise. Default=0
   Template: True if the Device is the template in its Collection, false
                              otherwise. Default=false
adTimestamp                   The time the Active Directory machine
                              account password was generated. Do not set
                              this field, it is only set internally by
                              PVS. Default=0
   AdTimestamp: The time the Active Directory machine account password
                              was generated. Do not set this field, it is only set
                              internally by PVS. Default=0
adSignature                   The signature of the Active Directory
                              machine account password. Do not set this
```

```
                            field, it is only set internally by PVS.
                            Default=0
   AdSignature: The signature of the Active Directory machine account
                   password. Do not set this field, it is only set
                   internally by PVS. Default=0
adPassword              The Active Directory machine account
                        password. Do not set this field, it is only
                        set internally by PVS. Default="" ASCII Max
                        Length=256
   AdPassword: The Active Directory machine account password. Do not set
                   this field, it is only set internally by PVS.
                   Default="" ASCII Max Length=256
logLevel                Level to perform logging at. Values are: 0
                        (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                        (Info), 5 (Debug), and 6 (Trace). Min=0,
                        Max=6, Default=0
   LogLevel: Level to perform logging at. Values are: 0 (None), 1
                   (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                   (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName              Fully qualified name of the domain that the
                        Device belongs to. Do not set this field, it
                        is only set internally by PVS. Default=null
                        Max Length=255
   DomainName: Fully qualified name of the domain that the Device
                   belongs to. Do not set this field, it is only set
                   internally by PVS. Default="" Max Length=255
domainObjectSID         The value of the objectSID AD attribute of
                        the same name for the Device's computer
                        account. Do not set this field, it is only
                        set internally by PVS. Default=null Max
                        Length=186
   DomainObjectSID: The value of the objectSID AD attribute of the same
                   name for the Device's computer account. Do not set
                   this field, it is only set internally by PVS.
                   Default="" Max Length=186
domainControllerName    The name of the DC used to create the host's
                        computer account. Do not set this field, it
                        is only set internally by PVS. Default=null
                        Max Length=4000
   DomainControllerName: The name of the DC used to create the host's
                   computer account. Do not set this field, it is only
                   set internally by PVS. Default="" Max Length=4000
domainTimeCreated       The time that the computer account was
                        created. Do not set this field, it is only
                        set internally by PVS. Format is: YYYY-MM-DD
                        HH:MM:SS.SSS Default=null
   DomainTimeCreated: The time that the computer account was created.
                   Has the date and time including milliseconds. Do not
                   set this field, it is only set internally by PVS.
                   Default=Empty
type                    1 when it performs test of Disks, 2 when it
                        performs maintenance on Disks, 3 when it has
                        a Personal vDisk, 4 when it has a Personal
                        vDisk and performs tests, 0 otherwise.
                        Min=0, Max=4, Default=0
   Type: 1 when it performs test of Disks, 2 when it performs
                   maintenance on Disks, 3 when it has a Personal
```

```
                              vDisk, 4 when it has a Personal vDisk and performs
                              tests, 0 otherwise. Min=0, Max=4, Default=0
        pvdDriveLetter        Read-only Personal vDisk Drive letter. Range
                              is E to U and W to Z. Default=null Max
                              Length=1
         PvdDriveLetter: Read-only Personal vDisk Drive letter. Range is E to
                         U and W to Z. Default="" Max Length=1
        localWriteCacheDiskSize  The size in GB to format the Device cache
                              file disk. If the value is 0, then the disk
                              is not formatted. Min=0, Max=2048, Default=0
         LocalWriteCacheDiskSize: The size in GB to format the Device cache
                         file disk. If the value is 0, then the disk is not
                         formatted. Min=0, Max=2048, Default=0
        virtualHostingPoolId  GUID that uniquely identifies the Virtual
                              Hosting Pool for a VM. This is needed when
                              Adding a VM device. Default=null Length=36
         VirtualHostingPoolId: GUID that uniquely identifies the Virtual
                         Hosting Pool for a VM. This is needed when Adding a
                         VM device. Default=00000000-0000-0000-0000-
                         000000000000
        hypVmId               Hypervisor VM ID for HCL Default=null Max
                              Length=250
         HypVmId: Hypervisor VM ID for HCL Default="" Max Length=250
        temporaryVersionSet   Read-only 1 when temporary version is set.
                              Default=0
         TemporaryVersionSet: Read-only true when temporary version is set.
                         Default=false
        bdmBoot               Use PXE boot when set to 0, BDM boot when
                              set to 1. Default is PXE Default=0
         BdmBoot: Use PXE boot when set to false, BDM boot when set to true.
                         Default is PXE Default=false
        bdmType               Use PXE boot when set to 0, BDM (Bios) boot
                              when set to 1 and BDM (Uefi) boot when set
                              to 2.  Default=0
         BdmType: Use PXE boot when set to 0, BDM (Bios) boot when set to 1
                         and BDM (Uefi) boot when set to 2.  Default=0
        bdmFormat             1 use VHD for BDMboot, 2 use ISO, 3 use USB.
                              Default=0
         BdmFormat: 1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0
        bdmUpdated            Timestamp of the last BDM boot disk update.
                              Default=null
         BdmUpdated: Timestamp of the last BDM boot disk update. Default=Empty
        bdmCreated            Timstamp when BDM device was
                              created  Default=null
         BdmCreated: Timstamp when BDM device was created  Default=Empty
        xsPvsProxyUuid        UUID of XenServer PVS_proxy Default=null
                              Length=36
         XsPvsProxyUuid: UUID of XenServer PVS_proxy Default=00000000-0000-
                         0000-0000-000000000000
     records                  If successful, records retrieved.
       PvsDevice[]: If successful, the PvsDevice object(s) are returned.
```

Mcli-Get DeviceBootstraps

Get all Bootstrap files for a Device, and the menuText for each.

Get-PvsDeviceBootstrap

Get all Bootstrap files for a Device, and the MenuText for each.

```
     -p                                Parameters needed for the Get.
      One of these required
        deviceId                       GUID of the Device.
          Guid[] Guid or DeviceId: GUID of the Device.
        deviceName                     Name of the Device.
          string[] Name or DeviceName: Name of the Device.
        deviceMac                      MAC of the Device.
          PvsPhysicalAddress[] DeviceMac: MAC of the Device.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
            DeviceId
     -s                                Name of field to sort on. If not included,
                                       the first field listed is used. Append a - to
                                       the field name to get descending order.
        bootstrap                      Name of the bootstrap file. Max Length=259
     -f                                List of fields to retrieve, if not included,
                                       all fields are retrieved.
       If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
       These fields exist in the DeviceBootstrap array within each
                      PvsDeviceBootstrap returned.
       Each array item is a PvsDeviceBootstrapList object.
        bootstrap                      Name of the bootstrap file. Max Length=259
          Name or Bootstrap: Name of the bootstrap file. Max Length=259
        menuText                       Text that is displayed in the Boot Menu. If
                                       this field has no value, the bootstrap value
                                       is used. Default="" ASCII Max Length=64
          MenuText: Text that is displayed in the Boot Menu. If this field has
                      no value, the bootstrap value is used. Default=""
                      ASCII Max Length=64
     records                           If successful, records retrieved.
       PvsDeviceBootstrap[]: If successful, the PvsDeviceBootstrap object(s)
                      are returned.
```

Mcli-Get DeviceDiskTempVersion

```
     Get Temporary Disk Version information for a Device, DiskLocator, Disk
       Version, Site or Farm.
```

Get-PvsDeviceDiskTempVersion

```
     Get Temporary Disk Version information for a Device, DiskLocator, Disk
       Version, Site or Farm.
     -p                                Parameters needed for the Get.
      One of these optional
        deviceId                       GUID of the Device to get the temporary disk
                                       version information for.
          Guid[] Guid or DeviceId: GUID of the Device to get the temporary disk
                      version information for.
        deviceName                     Name of the Device to get the temporary disk
                                       version information for.
          string[] Name or DeviceName: Name of the Device to get the temporary
                      disk version information for.
        deviceMac                      MAC of the Device to get the temporary disk
                                       version information for.
          PvsPhysicalAddress[] DeviceMac: MAC of the Device to get the
                      temporary disk version information for.
```

```
       siteId                    GUID of the Site to get temporary disk
                                 version information for, and also resolution
                                 for diskLocatorName.
         Guid[] SiteId: GUID of the Site to get temporary disk version
                        information for, and also resolution for
                        DiskLocatorName.
       siteName                  Name of the Site to get temporary disk
                                 version information for, and also resolution
                                 for diskLocatorName.
         string[] SiteName: Name of the Site to get temporary disk version
                        information for, and also resolution for
                        DiskLocatorName.
       diskLocatorId             GUID of the Disk Locator to get temporary
                                 disk version information for.
         Guid[] DiskLocatorId: GUID of the Disk Locator to get temporary disk
                        version information for.
    or this optional & resolution
       diskLocatorName           Name of the Disk Locator to get temporary
                                 disk version information for.
         string[] DiskLocatorName: Name of the Disk Locator to get temporary
                        disk version information for.
    This optional & resolution
       version                   Version of the DiskLocator specified to get
                                 temporary disk version information for.
                                 Needs the diskLocatorId or diskLocatorName
                                 too.
         string[] Version: Version of the DiskLocator specified to get
                        temporary disk version information for. Needs the
                        DiskLocatorId or DiskLocatorName too.
    One of these resolutions when needed
       siteId                    GUID of the Site.
         Guid[] SiteId: GUID of the Site to get temporary disk version
                        information for, and also resolution for
                        DiskLocatorName.
       siteName                  Name of the Site.
         string[] SiteName: Name of the Site to get temporary disk version
                        information for, and also resolution for
                        DiskLocatorName.
    One of these resolutions when needed
       storeId                   GUID of the Store that is needed when a
                                 diskLocatorName is used.
         Guid[] StoreId: GUID of the Store that is needed when a
                        DiskLocatorName is used.
       storeName                 Name of the Store that is needed when a
                                 diskLocatorName is used.
         string[] StoreName: Name of the Store that is needed when a
                        DiskLocatorName is used.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          DeviceId, SiteId or DiskLocatorId
-s                               Name of field to sort on. If not included,
                                 the first field listed is used. Append a - to
                                 the field name to get descending order.
       deviceName                Read-only Computer name that uniquely
                                 identifies the Device with temporary
                                 version. ASCII computer name characters
```

```
       -f                         List of fields to retrieve, if not included,
                                  all fields are retrieved.
    If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
      deviceId                    Read-only GUID that uniquely identifies the
                                  Device with temporary version. Length=36
        Guid or DeviceId: Read-only GUID that uniquely identifies the Device
                     with temporary version.
      deviceName                  Read-only Computer name that uniquely
                                  identifies the Device with temporary
                                  version. ASCII computer name characters
          Name or DeviceName: Read-only Computer name that uniquely identifies
                     the Device with temporary version. ASCII computer
                     name characters
      diskLocatorId               Read-only GUID that uniquely identifies then
                                  Disk Locator with temporary version.
                                  Length=36
        DiskLocatorId: Read-only GUID that uniquely identifies then Disk
                     Locator with temporary version.
      diskLocatorName             Read-only Name of the Disk Locator File with
                                  temporary version. It is unique within the
                                  Store. ASCII
       DiskLocatorName: Read-only Name of the Disk Locator File with
                     temporary version. It is unique within the Store.
                     ASCII
      siteId                      Read-only GUID of the Site the Device and
                                  DiskLocator are a member of.
         SiteId: Read-only GUID of the Site the Device and DiskLocator are a
                     member of.
      siteName                    Read-only Name of the Site the Device and
                                  DiskLocator are a member of.
        SiteName: Read-only Name of the Site the Device and DiskLocator are a
                     member of.
      storeId                     Read-only GUID of the Store that the Disk
                                  Locator is a member of.
        StoreId: Read-only GUID of the Store that the Disk Locator is a
                     member of.
      storeName                   Read-only Name of the Store that the Disk
                                  Locator is a member of.
        StoreName: Read-only Name of the Store that the Disk Locator is a
                     member of.
      version                     Read-only Disk version the temporary is for.
         Version: Read-only Disk version the temporary is for.
    records                       If successful, records retrieved.
      PvsDeviceDiskTempVersion[]: If successful, the PvsDeviceDiskTempVersion
                     object(s) are returned.
```

Mcli-Get DeviceInfo

```
  Get the fields and status for a Device, all Devices in a Collection, Site,
    Farm View, or Farm. All Devices are returned if no parameters are passed.
```

Get-PvsDeviceInfo

```
  Get the fields and status for a Device, all Devices in a Collection, Site,
    Farm View, or Farm. All Devices are returned if no parameters are passed.
    -p                           Parameters needed for the Get.
     One of these optional
      deviceId                     GUID of the Device to Get.
```

```
    Guid[] Guid or DeviceId: GUID of the Device to Get.
deviceName                     Name of Device to Get.
  string[] Name or DeviceName: Name of Device to Get.
deviceMac                      MAC of the Device to Get.
  PvsPhysicalAddress[] DeviceMac: MAC of the Device to Get.
collectionId                   GUID of the Collection to Get all Devices
                               for.
  Guid[] CollectionId: GUID of the Collection to Get all Devices for.
serverId                       GUID of the Server to Get all Devices for.
  Guid[] ServerId: GUID of the Server to Get all Devices for.
serverName                     Name of the Server to Get all Devices for.
  string[] ServerName: Name of the Server to Get all Devices for.
diskLocatorId                  GUID of the DiskLocator to Get all Devices
                               for.
  Guid[] DiskLocatorId: GUID of the DiskLocator to Get all Devices for.
siteViewId                     GUID of the Site View to Get all Devices
                               for.
  Guid[] SiteViewId: GUID of the Site View to Get all Devices for.
siteId                         GUID of the Site.
  Guid[] SiteId: GUID of the Site.
siteName                       Name of the Site.
  string[] SiteName: Name of the Site.
farmViewId                     GUID of the Farm View to Get all Devices
                               for.
  Guid[] FarmViewId: GUID of the Farm View to Get all Devices for.
farmViewName                   Name of the Farm View to Get all Devices
                               for.
  string[] FarmViewName: Name of the Farm View to Get all Devices for.
deviceIdList                   Comma delimited list of GUIDs of the Devices
                               to Get. Maximum length is 8000 characters.
deviceNameList                 Comma delimited list of Names of the Devices
                               to Get. Maximum length is 8000 characters.
deviceMacList                  Comma delimited list of MACs of the Devices
                               to Get. Maximum length is 8000 characters.
bdmBoot                        Include only the BDM Devices when set to 1.
                               PXE devices if set to 0. If not included,
                               all Devices are returned.
  string[] BdmBoot: Include only the BDM Devices when set to 1. PXE
                    devices if set to 0. If not included, all Devices
                    are returned.
or one of these optional & resolutions
  collectionName               Name of the Collection to Get all Devices
                               for.
  string[] CollectionName: Name of the Collection to Get all Devices
                   for.
  diskLocatorName              Name of the DiskLocator to Get all Devices
                               for.
  string[] DiskLocatorName: Name of the DiskLocator to Get all Devices
                    for.
  siteViewName                 Name of the Site View to Get all Devices
                               for.
  string[] SiteViewName: Name of the Site View to Get all Devices for.
Optional
  onlyActive                   Include only the active Devices when set to
                               1. If not included or set to 1, all Devices
                               are returned. Only active Devices are always
```

```
                             returned for serverId, serverName, or
                             version.
     SwitchParameter OnlyActive: If -OnlyActive is specified, include only
                          the active Devices, otherwise all Devices are
                          returned. Only active Devices are always returned
                          for ServerId, ServerName, or version.
   makLicenseActivated        Optional MAK licensing indicator value to
                             only return active Devices for. Values are:
                             0 (MAK not used), 1 (Not Activated), 2
                             (Activated).
     uint MakLicenseActivated: Optional MAK licensing indicator value to
                          only return active Devices for. Values are: 0 (MAK
                          not used), 1 (Not Activated), 2 (Activated).
     version                    Version of the Disk to Get all active
                             Devices for. This is used with diskLocatorId
                             or diskLocatorName.
       uint Version: Version of the Disk to Get all active Devices for. This
                          is used with DiskLocatorId or DiskLocatorName.
   One of these resolutions when needed
    siteId                     GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName                   Name of the Site.
       string[] SiteName: Name of the Site.
   One of these resolutions when needed
    storeId                    GUID of the Store that is needed when a
                             diskLocatorName is used.
       Guid[] StoreId: GUID of the Store that is needed when a
                          DiskLocatorName is used.
    storeName                  Name of the Store that is needed when a
                             diskLocatorName is used.
     string[] StoreName: Name of the Store that is needed when a
                          DiskLocatorName is used.
   Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
       DeviceName, CollectionId, ServerId, DiskLocatorId, SiteViewId,
                          SiteId or FarmViewId
 -s                           Name of field to sort on. If not included,
                             the first field listed is used. Append a - to
                             the field name to get descending order.
    deviceName                 Computer name with no spaces. ASCII computer
                              name characters Max Length=15
    description                User description. Default="" Max Length=250
    deviceMac                  Ethernet address as a string in the form XX-
                              XX-XX-XX-XX-XX. Uniquely identifies the
                              Device. Length=17
    bootFrom                   Device to boot from. Choices are 1 for
                              vDisk, 2 for Hard Disk, and 3 for Floppy.
                              This cannot be Set for a Device with
                              Personal vDisk. Min=1, Max=3, Default=1
    className                  Used by Automatic Update feature to match
                              new versions of Disks to a Device. This
                              cannot be Set for a Device with Personal
                              vDisk. Default="" Max Length=41
    port                       UDP port to use with Stream Service.
                              Min=1025, Max=65534, Default=6901
```

```
   serverName                  Read-only Name of the Server that the Device
                               is using. It is equal to "" if the Device is
                               not active.
   diskLocatorName             Read-only name of the Disk Locator File that
                               the Device is using. It is equal to the list
                               of Disk Locator names for the Device if the
                               Device is not active.
-f                             List of fields to retrieve, if not included,
                               all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
   deviceId                    Read-only GUID that uniquely identifies this
                               Device. Length=36
     Guid or DeviceId: Read-only GUID that uniquely identifies this
                     Device.
   deviceName                  Computer name with no spaces. ASCII computer
                               name characters Max Length=15
     Name or DeviceName: Computer name with no spaces. ASCII computer name
                     characters Max Length=15
   collectionId                GUID of the Collection this Device is to be
                               a member of. It is not used with
                               collectionName. Length=36
     CollectionId: GUID of the Collection this Device is to be a member
                     of. It is not used with CollectionName.
   collectionName              Name of the Collection this Device is to be
                               a member of. siteName or siteId must also be
                               used.
     CollectionName: Name of the Collection this Device is to be a member
                     of. SiteName or SiteId must also be used.
   siteId                      GUID of the Site the collectionName is to be
                               a member of. This or siteName is used with
                               collectionName.
     SiteId: GUID of the Site the CollectionName is to be a member of.
                     This or SiteName is used with CollectionName.
   siteName                    Name of the Site the collectionName is to be
                               a member of. This or siteId is used with
                               collectionName.
     SiteName: Name of the Site the CollectionName is to be a member of.
                     This or SiteId is used with CollectionName.
   description                 User description. Default="" Max Length=250
     Description: User description. Default="" Max Length=250
   deviceMac                   Ethernet address as a string in the form XX-
                               XX-XX-XX-XX-XX. Uniquely identifies the
                               Device. Length=17
     DeviceMac: Ethernet address can have the form XX-XX-XX-XX-XX-XX.
                     Uniquely identifies the Device.
   bootFrom                    Device to boot from. Choices are 1 for
                               vDisk, 2 for Hard Disk, and 3 for Floppy.
                               This cannot be Set for a Device with
                               Personal vDisk. Min=1, Max=3, Default=1
     BootFrom: Device to boot from. Choices are 1 for vDisk, 2 for Hard
                     Disk, and 3 for Floppy. This cannot be Set for a
                     Device with Personal vDisk. Min=1, Max=3, Default=1
   className                   Used by Automatic Update feature to match
                               new versions of Disks to a Device. This
                               cannot be Set for a Device with Personal
                               vDisk. Default="" Max Length=41
```

ClassName: Used by Automatic Update feature to match new versions of
                  Disks to a Device. This cannot be Set for a Device
                  with Personal vDisk. Default="" Max Length=41

port   UDP port to use with Stream Service.
                          Min=1025, Max=65534, Default=6901
  Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                  Default=6901

enabled   1 when it can be booted, 0 otherwise. This
                          cannot be Set for a Device with Personal
                          vDisk. Default=1
  Enabled: True when it can be booted, false otherwise. This cannot be
                  Set for a Device with Personal vDisk. Default=true

localDiskEnabled   If there is a local disk menu choice for the
                          Device, this is 1. This cannot be Set for a
                          Device with Personal vDisk. Default=0
  LocalDiskEnabled: If there is a local disk menu choice for the
                  Device, this is true. This cannot be Set for a
                  Device with Personal vDisk. Default=false

role   Read-only Role of the user for this item.
                          100 is Farm Administrator, 200 is Site
                          Administrator, 300 is Collection
                          Administrator, and 400 is Collection
                          Operator. Default=999
  Role: Read-only Role of the user for this item. 100 is Farm
                  Administrator, 200 is Site Administrator, 300 is
                  Collection Administrator, and 400 is Collection
                  Operator. Default=999

authentication   Device log in authentication. Choices are 0
                          for none, 1 for User Name/Password, and 2
                          for Extern. This cannot be Set for a Device
                          with Personal vDisk. Min=0, Max=2, Default=0
  Authentication: Device log in authentication. Choices are 0 for none,
                  1 for User Name/Password, and 2 for Extern. This
                  cannot be Set for a Device with Personal vDisk.
                  Min=0, Max=2, Default=0

user   Name of user to authenticate before the boot
                          process continues. This cannot be Set for a
                          Device with Personal vDisk. Default="" ASCII
                          Max Length=20
  User: Name of user to authenticate before the boot process continues.
                  This cannot be Set for a Device with Personal vDisk.
                  Default="" ASCII Max Length=20

password   Password of user to authenticate before the
                          boot process continues. This cannot be Set
                          for a Device with Personal vDisk. Default=""
                          ASCII Max Length=100
  Password: Password of user to authenticate before the boot process
                  continues. This cannot be Set for a Device with
                  Personal vDisk. Default="" ASCII Max Length=100

active   1 if the Device is currently active, 0
                          otherwise. Default=0
  Active: True if the Device is currently active, false otherwise.
                  Default=false

template   1 if the Device is the template in its
                          Collection, 0 otherwise. Default=0
  Template: True if the Device is the template in its Collection, false
                  otherwise. Default=false

adTimestamp   The time the Active Directory machine
                         account password was generated. Do not set
                         this field, it is only set internally by
                         PVS. Default=0

AdTimestamp: The time the Active Directory machine account password
             was generated. Do not set this field, it is only set
             internally by PVS. Default=0

adSignature   The signature of the Active Directory
                         machine account password. Do not set this
                         field, it is only set internally by PVS.
                         Default=0

AdSignature: The signature of the Active Directory machine account
             password. Do not set this field, it is only set
             internally by PVS. Default=0

adPassword   The Active Directory machine account
                         password. Do not set this field, it is only
                         set internally by PVS. Default="" ASCII Max
                         Length=256

AdPassword: The Active Directory machine account password. Do not set
            this field, it is only set internally by PVS.
            Default="" ASCII Max Length=256

logLevel   Level to perform logging at. Values are: 0
                         (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                         (Info), 5 (Debug), and 6 (Trace). Min=0,
                         Max=6, Default=0

LogLevel: Level to perform logging at. Values are: 0 (None), 1
          (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
          (Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName   Fully qualified name of the domain that the
                         Device belongs to. Do not set this field, it
                         is only set internally by PVS. Default=null
                         Max Length=255

DomainName: Fully qualified name of the domain that the Device
            belongs to. Do not set this field, it is only set
            internally by PVS. Default="" Max Length=255

domainObjectSID   The value of the objectSID AD attribute of
                         the same name for the Device's computer
                         account. Do not set this field, it is only
                         set internally by PVS. Default=null Max
                         Length=186

DomainObjectSID: The value of the objectSID AD attribute of the same
                 name for the Device's computer account. Do not set
                 this field, it is only set internally by PVS.
                 Default="" Max Length=186

domainControllerName   The name of the DC used to create the host's
                         computer account. Do not set this field, it
                         is only set internally by PVS. Default=null
                         Max Length=4000

DomainControllerName: The name of the DC used to create the host's
                      computer account. Do not set this field, it is only
                      set internally by PVS. Default="" Max Length=4000

domainTimeCreated   The time that the computer account was
                         created. Do not set this field, it is only
                         set internally by PVS. Format is: YYYY-MM-DD
                         HH:MM:SS.SSS Default=null

DomainTimeCreated: The time that the computer account was created.
                   Has the date and time including milliseconds. Do not

	set this field, it is only set internally by PVS. Default=Empty
type	1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. Min=0, Max=4, Default=0
	Type: 1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. Min=0, Max=4, Default=0
pvdDriveLetter	Read-only Personal vDisk Drive letter. Range is E to U and W to Z. Default=null Max Length=1
	PvdDriveLetter: Read-only Personal vDisk Drive letter. Range is E to U and W to Z. Default="" Max Length=1
localWriteCacheDiskSize	The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0
	LocalWriteCacheDiskSize: The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0
virtualHostingPoolId	GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=null Length=36
	VirtualHostingPoolId: GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=00000000-0000-0000-0000-000000000000
hypVmId	Hypervisor VM ID for HCL Default=null Max Length=250
	HypVmId: Hypervisor VM ID for HCL Default="" Max Length=250
temporaryVersionSet	Read-only 1 when temporary version is set. Default=0
	TemporaryVersionSet: Read-only true when temporary version is set. Default=false
bdmBoot	Use PXE boot when set to 0, BDM boot when set to 1. Default is PXE Default=0
	BdmBoot: Use PXE boot when set to false, BDM boot when set to true. Default is PXE Default=false
bdmType	Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0
	BdmType: Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0
bdmFormat	1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0
	BdmFormat: 1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0
bdmUpdated	Timestamp of the last BDM boot disk update. Default=null
	BdmUpdated: Timestamp of the last BDM boot disk update. Default=Empty
bdmCreated	Timstamp when BDM device was created Default=null
	BdmCreated: Timstamp when BDM device was created Default=Empty
xsPvsProxyUuid	UUID of XenServer PVS_proxy Default=null Length=36

XsPvsProxyUuid: UUID of XenServer PVS_proxy Default=00000000-0000-0000-0000-000000000000

ip   Read-only IP of the Device. It is equal to
                      "" if the Device is not active.

Ip: Read-only IP of the Device. It is equal to 0.0.0.0 if the Device
                      is not active.

serverPortConnection   Read-only Port of the Server that the Device
                       is using. It is equal to "" if the Device is
                       not active. Default=0

ServerPortConnection: Read-only Port of the Server that the Device is
                      using. It is equal to 0 if the Device is not active.
                      Default=0

serverIpConnection   Read-only IP of the Server that the Device
                       is using. It is equal to "" if the Device is
                       not active.

ServerIpConnection: Read-only IP of the Server that the Device is
                      using. It is equal to 0.0.0.0 if the Device is not
                      active.

serverId   Read-only GUID of the Server that the Device
                       is using. It is equal to "" if the Device is
                       not active. Length=36

ServerId: Read-only GUID of the Server that the Device is using. It
                      is equal to 00000000-0000-0000-0000-000000000000 if
                      the Device is not active.

serverName   Read-only Name of the Server that the Device
                       is using. It is equal to "" if the Device is
                       not active.

ServerName: Read-only Name of the Server that the Device is using. It
                      is equal to "" if the Device is not active.

diskLocatorId   Read-only GUID of the Disk Locator that the
                       Device is using. It is equal to "" if the
                       Device is not active. Length=36

DiskLocatorId: Read-only GUID of the Disk Locator that the Device is
                      using. It is equal to 00000000-0000-0000-0000-
                      000000000000 if the Device is not active.

diskLocatorName   Read-only name of the Disk Locator File that
                       the Device is using. It is equal to the list
                       of Disk Locator names for the Device if the
                       Device is not active.

DiskLocatorName: Read-only name of the Disk Locator File that the
                      Device is using. It is equal to the list of Disk
                      Locator names for the Device if the Device is not
                      active.

diskVersion   Read-only version of the Disk Locator File
                       that the Device is using. It is equal to ""
                       if the Device is not active. Default=0

DiskVersion: Read-only version of the Disk Locator File that the
                      Device is using. It is equal to 0 if the Device is
                      not active. Default=0

diskVersionAccess   State of the Disk Version. Values are: 0
                       (Production), 1 (Maintenance), 2
                       (MaintenanceHighestVersion), 3 (Override), 4
                       (Merge), 5 (MergeMaintenance), 6
                       (MergeTest), and 7 (Test). It is equal to ""
                       if the Device is not active. Default=0

DiskVersionAccess: State of the Disk Version. Values are: 0
                      (Production), 1 (Maintenance), 2

```
                         (MaintenanceHighestVersion), 3 (Override), 4
                         (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7
                         (Test). It is equal to 0 if the Device is not
                         active. Default=0
     diskFileName               Name of the Disk File including the
                         extension. It is equal to "" if the Device
                         is not active.
      DiskFileName: Name of the Disk File including the extension. It is
                    equal to "" if the Device is not active.
     status                     1 or 2 numbers in the format n,n. They are
                         the number of retries and if ram cache is
                         being used, ram cache percent used. It is
                         equal to "" if the Device is not active.
       Status: 1 or 2 numbers in the format n,n. They are the number of
                    retries and if ram cache is being used, ram cache
                    percent used. It is equal to "" if the Device is not
                    active.
     licenseType                0 when None, 1 for Desktop, 2 for Server, 5
                         for OEM SmartClient, 6 for XenApp, 7 for
                         XenDesktop. It is equal to 0 if the Device
                         is not active. Default=0
      LicenseType: 0 when None, 1 for Desktop, 2 for Server, 5 for OEM
                    SmartClient, 6 for XenApp, 7 for XenDesktop. It is
                    equal to 0 if the Device is not active. Default=0
     makLicenseActivated        Read-only indicator if MAK licensing is
                         being used and is activated. Values are: 0
                         (MAK not used), 1 (Not Activated), 2
                         (Activated). It is equal to "" if the Device
                         is not active. Default=0
      MakLicenseActivated: Read-only indicator if MAK licensing is being
                    used and is activated. Values are: 0 (MAK not used),
                    1 (Not Activated), 2 (Activated). It is equal to 0
                    if the Device is not active. Default=0
     model                      Oem Only: Read-only model of the computer.
                         Values are OptiPlex 745, 755, 320, 760,
                         FX160, or Default. It is equal to "" if the
                         Device is not active.
       Model: Oem Only: Read-only model of the computer. Values are OptiPlex
                    745, 755, 320, 760, FX160, or Default. It is equal
                    to "" if the Device is not active.
     license                    Oem Only: Read-only type of the license.
                         Values are 0 when None, 1 or 2 when Desktop.
                         It is equal to 0 if the Device is not
                         active. Default=0
       License: Oem Only: Read-only type of the license. Values are 0 when
                    None, 1 or 2 when Desktop. It is equal to 0 if the
                    Device is not active. Default=0
   records                      If successful, records retrieved.
     PvsDeviceInfo[]: If successful, the PvsDeviceInfo object(s) are
                    returned.
```

Mcli-Get DevicePersonality

```
   Get the Device Personality names and values.
```

Get-PvsDevicePersonality

```
   Get the Device Personality names and values.
     -p                              Parameters needed for the Get.
```

```
  One of these required
    deviceId                    GUID of the Device.
      Guid[] Guid or DeviceId: GUID of the Device.
    deviceName                  Name of the Device.
      string[] Name or DeviceName: Name of the Device.
    deviceMac                   MAC of the Device.
      PvsPhysicalAddress[] DeviceMac: MAC of the Device.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
        DeviceId
  -s                            Name of field to sort on. If not included,
                                the first field listed is used. Append a - to
                                the field name to get descending order.
    name                        Name of the Device personality item. Max
                                  Length=250
  -f                            List of fields to retrieve, if not included,
                                all fields are retrieved.
    If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
    These fields exist in the DevicePersonality array within each
                      PvsDevicePersonality returned.
    Each array item is a PvsDevicePersonalityList object.
    name                        Name of the Device personality item. Max
                                  Length=250
      Name: Name of the Device personality item. Max Length=250
    value                       Value for the Device personality item. Max
                                  Length=1000
      Value: Value for the Device personality item. Max Length=1000
  records                       If successful, records retrieved.
    PvsDevicePersonality[]: If successful, the PvsDevicePersonality
                      object(s) are returned.
```

Mcli-Get DeviceStatus

```
    Get the DeviceStatus fields for a Device or all Devices for a Server, Disk
      Locator, or Farm. All Devices are returned if no parameters are passed.
```

Get-PvsDeviceStatus

```
    Get the DeviceStatus fields for a Device or all Devices for a Server, Disk
      Locator, or Farm. All Devices are returned if no parameters are passed.
    -p                          Parameters needed for the Get.
    One of these optional
      deviceId                  GUID of the Device to Get status for.
        Guid[] Guid or DeviceId: GUID of the Device to Get status for.
      deviceName                Name of Device to Get status for.
        string[] Name or DeviceName: Name of Device to Get status for.
      deviceMac                 MAC of the Device to Get status for.
        PvsPhysicalAddress[] DeviceMac: MAC of the Device to Get status for.
      serverId                  GUID of the Server to Get all Device Status
                                  for.
        Guid[] ServerId: GUID of the Server to Get all Device Status for.
      serverName                Name of the Server to Get all Device Status
                                  for.
        string[] ServerName: Name of the Server to Get all Device Status for.
      diskLocatorId             GUID of the Disk Locator to Get all
                                  DeviceStatus for.
```

Guid[] DiskLocatorId: GUID of the Disk Locator to Get all
                    DeviceStatus for.
    collectionId   GUID of the Collection to Get all
                              DeviceStatus for.
      Guid[] CollectionId: GUID of the Collection to Get all DeviceStatus
                    for.
  or one of these optional & resolutions
    diskLocatorName   Name of the Disk Locator File to Get all
                              DeviceStatus for.
      string[] DiskLocatorName: Name of the Disk Locator File to Get all
                    DeviceStatus for.
    collectionName   Name of the Collection to Get all
                              DeviceStatus for.
      string[] CollectionName: Name of the Collection to Get all
                    DeviceStatus for.
  One of these resolutions when needed
    siteId   GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName   Name of the Site.
      string[] SiteName: Name of the Site.
  One of these resolutions when needed
    storeId   GUID of the Store that is needed when a
                              diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                    DiskLocatorName is used.
    storeName   Name of the Store that is needed when a
                              diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                    DiskLocatorName is used.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        DeviceId, ServerId, DiskLocatorId or CollectionId
  -s   Name of field to sort on. If not included,
                              the first field listed is used. Append a - to
                              the field name to get descending order.
    deviceName   Read-only Name of the Device. Can be used
                               with Get Device.
  -f   List of fields to retrieve, if not included,
                              all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                  as a string array.
    deviceId   Read-only GUID of the Device. Can be used
                               with Get Device. Length=36
      Guid or DeviceId: Read-only GUID of the Device. Can be used with Get
                    Device.
    deviceName   Read-only Name of the Device. Can be used
                               with Get Device.
      Name or DeviceName: Read-only Name of the Device. Can be used with
                    Get Device.
    ip   Read-only IP of the Device.
      Ip: Read-only IP of the Device.
    serverPortConnection   Read-only Port of the Server that the Device
                              is using. Default=0
      ServerPortConnection: Read-only Port of the Server that the Device is
                    using. Default=0

serverIpConnection   Read-only IP of the Server that the Device
                         is using.
  ServerIpConnection: Read-only IP of the Server that the Device is
                 using.
serverId   Read-only GUID of the Server that the Device
                         is using. Length=36
  ServerId: Read-only GUID of the Server that the Device is using.
serverName   Read-only Name of the Server that the Device
                         is using.
  ServerName: Read-only Name of the Server that the Device is using.
diskLocatorId   Read-only GUID of the Disk Locator that the
                         Device is using. Length=36
  DiskLocatorId: Read-only GUID of the Disk Locator that the Device is
                 using.
diskLocatorName   Read-only name of the Disk Locator File that
                         the Device is using.
  DiskLocatorName: Read-only name of the Disk Locator File that the
                 Device is using.
diskVersion   Read-only version of the Disk Locator File
                         that the Device is using. Default=0
  DiskVersion: Read-only version of the Disk Locator File that the
                 Device is using. Default=0
diskVersionAccess   State of the Disk Version. Values are: 0
                         (Production), 1 (Maintenance), 2
                         (MaintenanceHighestVersion), 3 (Override), 4
                         (Merge), 5 (MergeMaintenance), 6
                         (MergeTest), and 7 (Test) Default=0
  DiskVersionAccess: State of the Disk Version. Values are: 0
                 (Production), 1 (Maintenance), 2
                 (MaintenanceHighestVersion), 3 (Override), 4
                 (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7
                 (Test) Default=0
diskFileName   Name of the Disk File including the
                         extension.
  DiskFileName: Name of the Disk File including the extension.
status   1 or 2 numbers in the format n,n. They are
                         the number of retries and if ram cache is
                         being used, ram cache percent used.
  Status: 1 or 2 numbers in the format n,n. They are the number of
                 retries and if ram cache is being used, ram cache
                 percent used.
licenseType   0 when None, 1 for Desktop, 2 for Server, 5
                         for OEM SmartClient, 6 for XenApp, 7 for
                         XenDesktop. Default=0
  LicenseType: 0 when None, 1 for Desktop, 2 for Server, 5 for OEM
                 SmartClient, 6 for XenApp, 7 for XenDesktop.
                 Default=0
makLicenseActivated   Read-only indicator if MAK licensing is
                         being used and is activated. Values are: 0
                         (MAK not used), 1 (Not Activated), 2
                         (Activated). Default=0
  MakLicenseActivated: Read-only indicator if MAK licensing is being
                 used and is activated. Values are: 0 (MAK not used),
                 1 (Not Activated), 2 (Activated). Default=0
records   If successful, records retrieved.
  PvsDeviceStatus[]: If successful, the PvsDeviceStatus object(s) are
                 returned.

Mcli-Get Disk

Get the fields for a single disk.

Get-PvsDisk

Get the fields for a single disk.

```
-p                          Parameters needed for the Get.
 This required
  diskLocatorId             GUID of the Disk Locator.
    Guid[] Guid or DiskLocatorId: GUID of the Disk Locator.
  or this required & resolution
  diskLocatorName           Name of the Disk Locator.
    string[] Name or DiskLocatorName: Name of the Disk Locator.
  One of these resolutions when needed
  siteId                    GUID of the Site.
    Guid[] SiteId: GUID of the Site.
  siteName                  Name of the Site.
    string[] SiteName: Name of the Site.
  One of these resolutions when needed
  storeId                   GUID of the Store that is needed when a
                            diskLocatorName is used.
    Guid[] StoreId: GUID of the Store that is needed when a
                    DiskLocatorName is used.
  storeName                 Name of the Store that is needed when a
                            diskLocatorName is used.
    string[] StoreName: Name of the Store that is needed when a
                    DiskLocatorName is used.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
      DiskLocatorId
-f                          List of fields to retrieve, if not included,
                            all fields are retrieved.
 If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
  class                     Class of the Disk. Max Length=40
    Class: Class of the Disk. Max Length=40
  imageType                 Type of this image (software type). Max
                            Length=40
    ImageType: Type of this image (software type). Max Length=40
  diskSize                  Read-only size of the image. The value is 0
                            when it is not available. Default=0
    DiskSize: Read-only size of the image. The value is 0 when it is not
                    available. Default=0
  vhdBlockSize              Block size in KB. For VHD it is only used
                            with Dynamic type. Tested sizes for VHD are
                            512, 2048, and 16384. VHD Min=512,
                            Max=16384, Default=2048. For VHDX it is used
                            for all types. Tested size for VHDX is
                            32768. VHDX Min=1024, Max= 262144,
                            Default=32768. Default=0
    VhdBlockSize: Block size in KB. For VHD it is only used with Dynamic
                    type. Tested sizes for VHD are 512, 2048, and 16384.
                    VHD Min=512, Max=16384, Default=2048. For VHDX it is
                    used for all types. Tested size for VHDX is 32768.
                    VHDX Min=1024, Max= 262144, Default=32768. Default=0
  logicalSectorSize         Logical Sector Size. Values are: 512, 4096,
                            Default=512
```

```
        LogicalSectorSize: Logical Sector Size. Values are: 512, 4096,
                        Default=512
writeCacheSize          RAM cache size (MB). Not 0 when used with
                        Cache in Device RAM, and Cache in Device RAM
                        with Overflow on Hard Disk. A value of 0
                        will disable the RAM use for Cache in Device
                        RAM with Overflow on Hard Disk. Min=0,
                        Max=131072, Default=0
   WriteCacheSize: RAM cache size (MB). Not 0 when used with Cache in
                        Device RAM, and Cache in Device RAM with Overflow on
                        Hard Disk. A value of 0 will disable the RAM use for
                        Cache in Device RAM with Overflow on Hard Disk.
                        Min=0, Max=131072, Default=0
autoUpdateEnabled       Automatically update this image for matching
                        Devices when set to 1. Default 0
   AutoUpdateEnabled: Automatically update this image for matching
                        Devices when set to true. Default false
activationDateEnabled   Use activation date to activate image when
                        set to 1. Default 0
   ActivationDateEnabled: Use activation date to activate image when set
                        to true. Default false
adPasswordEnabled       Enable AD password management when set to 1.
   AdPasswordEnabled: Enable AD password management when set to true.
haEnabled               Enable HA when set to 1.
   HaEnabled: Enable HA when set to true.
printerManagementEnabled  Invalid printers will be deleted from the
                        Device when set to 1.
   PrinterManagementEnabled: Invalid printers will be deleted from the
                        Device when set to true.
writeCacheType          0 (Private), 1 (Cache on Server), 3 (Cache
                        in Device RAM), 4 (Cache on Device Hard
                        Disk), 7 (Cache on Server, Persistent), 9
                        (Cache in Device RAM with Overflow on Hard
                        Disk), 10 (Private async), 11(Server
                        persistent async), 12 (Cache in Device RAM
                        with Overflow on Hard Disk async) Min=0,
                        Max=12, Default=0
   WriteCacheType: 0 (Private), 1 (Cache on Server), 3 (Cache in Device
                        RAM), 4 (Cache on Device Hard Disk), 7 (Cache on
                        Server, Persistent), 9 (Cache in Device RAM with
                        Overflow on Hard Disk), 10 (Private async),
                        11(Server persistent async), 12 (Cache in Device RAM
                        with Overflow on Hard Disk async) Min=0, Max=12,
                        Default=0
licenseMode             0 (None), 1 (Multiple Activation Key), or 2
                        (Key Management Service). Min=0, Max=2,
                        Default=0
   LicenseMode: 0 (None), 1 (Multiple Activation Key), or 2 (Key
                        Management Service). Min=0, Max=2, Default=0
activeDate              Date to activate the disk if
                        autoUpdateEnabled and activationDateEnabled
                        are 1. Format is yyyy/mm/dd. Empty when the
                        autoUpdateEnabled or activationDateEnabled
                        are 0.
   ActiveDate: Date to activate the disk if AutoUpdateEnabled and
                        activationDateEnabled are true. Has the date. Empty
```

```
                            when the AutoUpdateEnabled or activationDateEnabled
                            are false.
            longDescription                 Description of the Disk. Max Length=399
             LongDescription: Description of the Disk. Max Length=399
            operatingSystem                 Operating System of Disk. Max Length=250
             OperatingSystem: Operating System of Disk. Max Length=250
            osType                          Operating System Type of Disk. Max Length=40
             OsType: Operating System Type of Disk. Max Length=40
            serialNumber                    User defined serial number. Max Length=36
             SerialNumber: User defined serial number. Max Length=36
            date                            User defined date. Max Length=40
             Date: User defined date. Max Length=40
            author                          User defined author. Max Length=40
             Author: User defined author. Max Length=40
            title                           User defined title. Max Length=40
             Title: User defined title. Max Length=40
            company                         User defined company. Max Length=40
             Company: User defined company. Max Length=40
            internalName                    User defined name. Max Length=63
             InternalName: User defined name. Max Length=63
            originalFile                    User defined original file. Max Length=127
             OriginalFile: User defined original file. Max Length=127
            hardwareTarget                  User defined hardware target. Max Length=127
             HardwareTarget: User defined hardware target. Max Length=127
            majorRelease                    User defined major release number. Min=0,
                                            Max=4294967295, Default=0
             MajorRelease: User defined major release number. Min=0,
                            Max=4294967295, Default=0
            minorRelease                    User defined minor release number. Min=0,
                                            Max=4294967295, Default=0
             MinorRelease: User defined minor release number. Min=0,
                            Max=4294967295, Default=0
            build                           User defined build number. Min=0,
                                            Max=4294967295, Default=0
             Build: User defined build number. Min=0, Max=4294967295, Default=0
            clearCacheDisabled      Clear cached secrets disabled.
             ClearCacheDisabled: Clear cached secrets disabled.
            format                          Format of the image. Values are: 0 (VHD), 1
                                            (VHDX). Default=0
             VHDX: If VHDX is true, the format of the image is VHDX. Otherwise it
                            is VHD. Default=false
        records                         If successful, records retrieved.
          PvsDisk[]: If successful, the PvsDisk object(s) are returned.
```

Mcli-Get DiskInfo

Get the fields for a Disk and Disk Locator or all Disks and Disk Locators
for a Device, Server, Store, Site, or Farm. All Disks and DiskLocators
are returned if no parameters are passed.

Get-PvsDiskInfo

Get the fields for a Disk and Disk Locator or all Disks and Disk Locators
for a Device, Server, Store, Site, or Farm. All Disks and DiskLocators
are returned if no parameters are passed.

```
    -p                              Parameters needed for the Get.
     One of these optional
        diskLocatorId               GUID of the Disk Locator to Get.
          Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Get.
```

```
deviceId                   GUID of the Device to Get all DiskLocators
                           for.
  Guid[] DeviceId: GUID of the Device to Get all DiskLocators for.
deviceName                 Name of the Device to Get all DiskLocators
                           for.
  string[] DeviceName: Name of the Device to Get all DiskLocators for.
deviceMac                  MAC of the Device to Get all DiskLocators
                           for.
  PvsPhysicalAddress[] DeviceMac: MAC of the Device to Get all
                   DiskLocators for.
serverId                   GUID of the Server to Get all DiskLocators
                           for.
  Guid[] ServerId: GUID of the Server to Get all DiskLocators for.
serverName                 Name of the Server to Get all DiskLocators
                           for.
  string[] ServerName: Name of the Server to Get all DiskLocators for.
updateTaskId               GUID of the Update Task to Get all
                           DiskLocators for.
  Guid[] UpdateTaskId: GUID of the Update Task to Get all DiskLocators
                   for.
siteId                     GUID of the Site to Get all DiskLocators
                           for.
  Guid[] SiteId: GUID of the Site to Get all DiskLocators for.
siteName                   Name of the Site to Get all DiskLocators
                           for.
  string[] SiteName: Name of the Site to Get all DiskLocators for.
or one of these optional & resolutions
diskLocatorName            Name of the Disk Locator File to Get.
  string[] Name or DiskLocatorName: Name of the Disk Locator File to
                   Get.
storeId                    GUID of the Store to Get all DiskLocators
                           for.
  Guid[] StoreId: GUID of the Store to Get all DiskLocators for.
storeName                  Name of the Store to Get all DiskLocators
                           for.
  string[] StoreName: Name of the Store to Get all DiskLocators for.
updateTaskName             Name of the Update Task to Get all
                           DiskLocators for.
  string[] UpdateTaskName: Name of the Update Task to Get all
                   DiskLocators for.
One of these optional
single                     Include single server connection when set to
                           1. If this and All are not included, both
                           connection types are included.
  SwitchParameter Single: If -Single is specified, include single
                   server connection. If this and All are not included,
                   both connection types are included.
all                        Include all server connections for the store
                           when set to 1. If this and Single are not
                           included, both connection types are
                           included.
  SwitchParameter All: If -All is specified, include all server
                   connections for the store. If this and Single are
                   not included, both connection types are included.
Optional
```

```
onlyActive              Include only the active DiskLocators when
                        set to 1. If not included or set to 0, all
                        DiskLocators are returned.
   SwitchParameter OnlyActive: If -OnlyActive is specified, include only
                   the active DiskLocators. If not included, all
                   DiskLocators are returned.
updateDevice            Include DiskLocators that have an Update
                        Device when set to 1. Include DiskLocators
                        that do not have an Update Device when set
                        to 0. If this parameter is not included,
                        then all DiskLocators are returned.
   SwitchParameter UpdateDevice: If -UpdateDevice is specified, include
                   only DiskLocators that have an Update Device.
One of these resolutions when needed
 siteId                 GUID of the Site.
   Guid[] SiteId: GUID of the Site to Get all DiskLocators for.
 siteName               Name of the Site.
   string[] SiteName: Name of the Site to Get all DiskLocators for.
One of these resolutions when needed
 storeId                GUID of the Store that is needed when a
                        diskLocatorName is used.
   Guid[] StoreId: GUID of the Store to Get all DiskLocators for.
 storeName              Name of the Store that is needed when a
                        diskLocatorName is used.
   string[] StoreName: Name of the Store to Get all DiskLocators for.
  Instead of a parameter that matches one of the members listed
   PvsObject[] Object: PvsObjects with the members below can be used as
                   the Object parameter or from a pileline:
     DiskLocatorId, DeviceId, ServerId, UpdateTaskId or SiteId
-s                      Name of field to sort on. If not included,
                        the first field listed is used. Append a - to
                        the field name to get descending order.
 diskLocatorName        Name of the Disk Locator File. It is unique
                        within the Store. ASCII Max Length=52
 description            User description. Default="" Max Length=250
 menuText               Text that is displayed in the Boot Menu. If
                        this field has no value, the name value is
                        used. Default="" ASCII Max Length=64
-f                      List of fields to retrieve, if not included,
                        all fields are retrieved.
 If only selected fields are needed, pass them in the Fields parameter
                as a string array.
 diskLocatorId          Read-only GUID that uniquely identifies this
                        Disk Locator. Length=36
   Guid or DiskLocatorId: Read-only GUID that uniquely identifies this
                   Disk Locator.
 diskLocatorName        Name of the Disk Locator File. It is unique
                        within the Store. ASCII Max Length=52
   Name or DiskLocatorName: Name of the Disk Locator File. It is unique
                   within the Store. ASCII Max Length=52
 siteId                 GUID of the Site this DiskLocator is to be a
                        member of. It is not used with siteName.
                        Length=36
   SiteId: GUID of the Site this DiskLocator is to be a member of. It is
                   not used with SiteName.
 siteName               Name of the Site this DiskLocator is to be a
                        member of. It is not used with siteId.
```

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```
     SiteName: Name of the Site this DiskLocator is to be a member of. It
                    is not used with SiteId.
storeId                      GUID of the Store that this Disk Locator is
                             a member of. siteName or siteId must also be
                             used. It is not used with storeName.
                             Length=36
    StoreId: GUID of the Store that this Disk Locator is a member of.
                    SiteName or SiteId must also be used. It is not used
                    with StoreName.
storeName                    Name of the Store that this Disk Locator is
                             a member of. siteName or siteId must also be
                             used. It is not used with storeId.
    StoreName: Name of the Store that this Disk Locator is a member of.
                    SiteName or SiteId must also be used. It is not used
                    with StoreId.
description                  User description. Default="" Max Length=250
    Description: User description. Default="" Max Length=250
menuText                     Text that is displayed in the Boot Menu. If
                             this field has no value, the name value is
                             used. Default="" ASCII Max Length=64
    MenuText: Text that is displayed in the Boot Menu. If this field has
                    no value, the name value is used. Default="" ASCII
                    Max Length=64
serverId                     GUID of the single Server that this Disk
                             Locator is assigned to. It is not used with
                             serverName. Default=null Length=36
    ServerId: GUID of the single Server that this Disk Locator is
                    assigned to. It is not used with ServerName.
                    Default=00000000-0000-0000-0000-000000000000
serverName                   Name of the single Server that this Disk
                             Locator is assigned to. It is not used with
                             serverId. Default=null
    ServerName: Name of the single Server that this Disk Locator is
                    assigned to. It is not used with ServerId.
                    Default=""
enabled                      1 when this disk can be booted, 0 otherwise.
                             Default=1
    Enabled: True when this disk can be booted, false otherwise.
                    Default=true
role                         Read-only Role of the user for this item.
                             100 is Farm Administrator, 200 is Site
                             Administrator, 300 is Collection
                             Administrator, and 999 is read-only.
                             Default=999
    Role: Read-only Role of the user for this item. 100 is Farm
                    Administrator, 200 is Site Administrator, 300 is
                    Collection Administrator, and 999 is read-only.
                    Default=999
mapped                       1 if the Disk is currently mapped, 0
                             otherwise. Default=0
    Mapped: True if the Disk is currently mapped, false otherwise.
                    Default=false
enabledForDevice             1 when this disk is enabled for the Device
                             specified, 0 otherwise. This is only
                             returned when a Device is specified.
                             Default=1
```

```
EnabledForDevice: True when this disk is enabled for the Device
                  specified, false otherwise. This is only returned
                  when a Device is specified. Default=true
active                   1 if the DiskLocator is currently active, 0
                         otherwise. Default=0
  Active: True if the DiskLocator is currently active, false otherwise.
                  Default=false
rebalanceEnabled         1 when this Server can automatically
                         rebalance Devices, 0 otherwise. Default=0
  RebalanceEnabled: True when this Server can automatically rebalance
                  Devices, false otherwise. Default=false
rebalanceTriggerPercent  Percent over fair load that triggers a
                         dynamic Device rebalance. Min=5, Max=5000,
                         Default=25
  RebalanceTriggerPercent: Percent over fair load that triggers a
                  dynamic Device rebalance. Min=5, Max=5000,
                  Default=25
subnetAffinity           Qualifier for subnet affinity when assigning
                         a Server. 0=None, 1=Best Effort, 2=Fixed.
                         Min=0, Max=2, Default=0
  SubnetAffinity: Qualifier for subnet affinity when assigning a
                  Server. 0=None, 1=Best Effort, 2=Fixed. Min=0,
                  Max=2, Default=0
diskUpdateDeviceId       GUID of the DiskUpdateDevice that is used
                         when updates are performed. Default=null
  DiskUpdateDeviceId: GUID of the DiskUpdateDevice that is used when
                  updates are performed. Default=00000000-0000-0000-
                  0000-000000000000
diskUpdateDeviceName     Name of the DiskUpdateDevice that is used
                         when updates are performed. Default=null
  DiskUpdateDeviceName: Name of the DiskUpdateDevice that is used when
                  updates are performed. Default=""
temporaryVersionSet      Read-only 1 when temporary version(s) are
                         set. Default=0
  TemporaryVersionSet: Read-only true when temporary version(s) are
                  set. Default=false
class                    Class of the Disk. Max Length=40
  Class: Class of the Disk. Max Length=40
imageType                Type of this image (software type). Max
                         Length=40
  ImageType: Type of this image (software type). Max Length=40
diskSize                 Read-only size of the image. The value is 0
                         when it is not available. Default=0
  DiskSize: Read-only size of the image. The value is 0 when it is not
                  available. Default=0
vhdBlockSize             Block size in KB. For VHD it is only used
                         with Dynamic type. Tested sizes for VHD are
                         512, 2048, and 16384. VHD Min=512,
                         Max=16384, Default=2048. For VHDX it is used
                         for all types. Tested size for VHDX is
                         32768. VHDX Min=1024, Max= 262144,
                         Default=32768. Default=0
  VhdBlockSize: Block size in KB. For VHD it is only used with Dynamic
                  type. Tested sizes for VHD are 512, 2048, and 16384.
                  VHD Min=512, Max=16384, Default=2048. For VHDX it is
                  used for all types. Tested size for VHDX is 32768.
                  VHDX Min=1024, Max= 262144, Default=32768. Default=0
```

```
logicalSectorSize          Logical Sector Size. Values are: 512, 4096,
                           Default=512
  LogicalSectorSize: Logical Sector Size. Values are: 512, 4096,
                     Default=512
writeCacheSize             RAM cache size (MB). Not 0 when used with
                           Cache in Device RAM, and Cache in Device RAM
                           with Overflow on Hard Disk. A value of 0
                           will disable the RAM use for Cache in Device
                           RAM with Overflow on Hard Disk. Min=0,
                           Max=131072, Default=0
  WriteCacheSize: RAM cache size (MB). Not 0 when used with Cache in
                  Device RAM, and Cache in Device RAM with Overflow on
                  Hard Disk. A value of 0 will disable the RAM use for
                  Cache in Device RAM with Overflow on Hard Disk.
                  Min=0, Max=131072, Default=0
autoUpdateEnabled          Automatically update this image for matching
                           Devices when set to 1. Default 0
  AutoUpdateEnabled: Automatically update this image for matching
                     Devices when set to true. Default false
activationDateEnabled      Use activation date to activate image when
                           set to 1. Default 0
  ActivationDateEnabled: Use activation date to activate image when set
                         to true. Default false
adPasswordEnabled          Enable AD password management when set to 1.
  AdPasswordEnabled: Enable AD password management when set to true.
haEnabled                  Enable HA when set to 1.
  HaEnabled: Enable HA when set to true.
printerManagementEnabled   Invalid printers will be deleted from the
                           Device when set to 1.
  PrinterManagementEnabled: Invalid printers will be deleted from the
                            Device when set to true.
writeCacheType             0 (Private), 1 (Cache on Server), 3 (Cache
                           in Device RAM), 4 (Cache on Device Hard
                           Disk), 7 (Cache on Server, Persistent), 9
                           (Cache in Device RAM with Overflow on Hard
                           Disk), 10 (Private async), 11(Server
                           persistent async), 12 (Cache in Device RAM
                           with Overflow on Hard Disk async) Min=0,
                           Max=12, Default=0
  WriteCacheType: 0 (Private), 1 (Cache on Server), 3 (Cache in Device
                  RAM), 4 (Cache on Device Hard Disk), 7 (Cache on
                  Server, Persistent), 9 (Cache in Device RAM with
                  Overflow on Hard Disk), 10 (Private async),
                  11(Server persistent async), 12 (Cache in Device RAM
                  with Overflow on Hard Disk async) Min=0, Max=12,
                  Default=0
licenseMode                0 (None), 1 (Multiple Activation Key), or 2
                           (Key Management Service). Min=0, Max=2,
                           Default=0
  LicenseMode: 0 (None), 1 (Multiple Activation Key), or 2 (Key
               Management Service). Min=0, Max=2, Default=0
activeDate                 Date to activate the disk if
                           autoUpdateEnabled and activationDateEnabled
                           are 1. Format is yyyy/mm/dd. Empty when the
                           autoUpdateEnabled or activationDateEnabled
                           are 0.
```

```
              ActiveDate: Date to activate the disk if AutoUpdateEnabled and
                          activationDateEnabled are true. Has the date. Empty
                          when the AutoUpdateEnabled or activationDateEnabled
                          are false.
        longDescription           Description of the Disk. Max Length=399
          LongDescription: Description of the Disk. Max Length=399
        operatingSystem           Operating System of Disk. Max Length=250
          OperatingSystem: Operating System of Disk. Max Length=250
        osType                    Operating System Type of Disk. Max Length=40
          OsType: Operating System Type of Disk. Max Length=40
        serialNumber              User defined serial number. Max Length=36
          SerialNumber: User defined serial number. Max Length=36
        date                      User defined date. Max Length=40
          Date: User defined date. Max Length=40
        author                    User defined author. Max Length=40
          Author: User defined author. Max Length=40
        title                     User defined title. Max Length=40
          Title: User defined title. Max Length=40
        company                   User defined company. Max Length=40
          Company: User defined company. Max Length=40
        internalName              User defined name. Max Length=63
          InternalName: User defined name. Max Length=63
        originalFile              User defined original file. Max Length=127
          OriginalFile: User defined original file. Max Length=127
        hardwareTarget            User defined hardware target. Max Length=127
          HardwareTarget: User defined hardware target. Max Length=127
        majorRelease              User defined major release number. Min=0,
                                  Max=4294967295, Default=0
          MajorRelease: User defined major release number. Min=0,
                        Max=4294967295, Default=0
        minorRelease              User defined minor release number. Min=0,
                                  Max=4294967295, Default=0
          MinorRelease: User defined minor release number. Min=0,
                        Max=4294967295, Default=0
        build                     User defined build number. Min=0,
                                  Max=4294967295, Default=0
          Build: User defined build number. Min=0, Max=4294967295, Default=0
        clearCacheDisabled        Clear cached secrets disabled.
          ClearCacheDisabled: Clear cached secrets disabled.
        format                    Format of the image. Values are: 0 (VHD), 1
                                  (VHDX). Default=0
          VHDX: If VHDX is true, the format of the image is VHDX. Otherwise it
                        is VHD. Default=false
        deviceCount               Read-only count of Devices. Default=0
          DeviceCount: Read-only count of Devices. Default=0
        locked                    1 if the Disk is currently locked, 0
                                  otherwise. Default=0
          Locked: True if the Disk is currently locked, false otherwise.
                        Default=false
      records                     If successful, records retrieved.
        PvsDiskInfo[]: If successful, the PvsDiskInfo object(s) are returned.
```

Mcli-Get DiskInventory

```
  Get the fields for Inventory Status of a Disk Version or all Disk Versions
    for a Disk Locator.
```
Get-PvsDiskInventory

Get the fields for Inventory Status of a Disk Version or all Disk Versions
   for a Disk Locator.
  -p   Parameters needed for the Get.
   This required
    diskLocatorId   GUID of the Disk Locator to Get Disk Version
                                   Inventory of.
      Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Get Disk
                      Version Inventory of.
   or this required & resolution
    diskLocatorName   Name of the Disk Locator to Get Disk Version
                                   Inventory of.
      string[] Name or DiskLocatorName: Name of the Disk Locator to Get
                      Disk Version Inventory of.
   Optional
    version   Specific Version to Get.
      uint Version: Specific Version to Get.
   One of these resolutions when needed
    siteId   GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName   Name of the Site.
      string[] SiteName: Name of the Site.
   One of these resolutions when needed
    storeId   GUID of the Store that is needed when a
                                   diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                      DiskLocatorName is used.
    storeName   Name of the Store that is needed when a
                                   diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                      DiskLocatorName is used.
   Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
        (DiskLocatorId and Version) or DiskLocatorId
  -f   List of fields to retrieve, if not included,
                                   all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
    version   Version number. The base disk is version 0,
                                   the other version numbers are in part of the
                                   file name.
      Version: Version number. The base disk is version 0, the other
                      version numbers are in part of the file name.
    serverId   GUID of the Server that the Disk Version
                                   Inventory is being reported about.
      ServerId: GUID of the Server that the Disk Version Inventory is being
                      reported about.
    serverName   Name of the Server that the Disk Version
                                   Inventory is being reported about.
      ServerName: Name of the Server that the Disk Version Inventory is
                      being reported about.
    filePath   Path used to access the disk version from
                                   the Server. Empty if the information is not
                                   available.
      FilePath: Path used to access the disk version from the Server. Empty
                      if the information is not available.

```
            fileTime                    Date/Time of the date version file. Format
                                        is: YYYY-MM-DD HH:MM:SS. 0000-00-00 00:00:00
                                        if the information is not available.
```
FileTime: Date/Time of the date version file. Has the date and time
        without milliseconds. Empty if the information is
        not available.
```
            propertiesTime              Date/Time of the disk properties. Format is:
                                        YYYY-MM-DD HH:MM:SS. 0000-00-00 00:00:00 if
                                        the information is not available.
```
PropertiesTime: Date/Time of the disk properties. Has the date and
        time without milliseconds. Empty if the information
        is not available.
```
            state                       The number code of the inventory state.
                                        Values are: 0 (Up to date), 1 (version file
                                        is missing), 2 (version file is out of
                                        date), 3 (properties are missing), 4
                                        (properties are out of date), 5 (server is
                                        not reachable).
```
State: The number code of the inventory state. Values are: 0 (Up to
        date), 1 (version file is missing), 2 (version file
        is out of date), 3 (properties are missing), 4
        (properties are out of date), 5 (server is not
        reachable).
```
            active                      1 if the Server is currently active, 2 if
                                        unknown, and 0 otherwise.
```
Active: 1 if the Server is currently active, 2 if unknown, and 0
        otherwise.
```
        records                         If successful, records retrieved.
```
PvsDiskInventory[]: If successful, the PvsDiskInventory object(s) are
        returned.

Mcli-Get DiskLocator

Get the fields for a Disk Locator or all Disk Locators for a Device,
   Server, Store, Site, or Farm. All DiskLocators are returned if no
   parameters are passed.

Get-PvsDiskLocator

Get the fields for a Disk Locator or all Disk Locators for a Device,
   Server, Store, Site, or Farm. All DiskLocators are returned if no
   parameters are passed.
```
        -p                              Parameters needed for the Get.
         One of these optional
           diskLocatorId                GUID of the Disk Locator to Get.
```
            Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Get.
```
           deviceId                     GUID of the Device to Get all DiskLocators
                                        for.
```
            Guid[] DeviceId: GUID of the Device to Get all DiskLocators for.
```
           deviceName                   Name of the Device to Get all DiskLocators
                                        for.
```
            string[] DeviceName: Name of the Device to Get all DiskLocators for.
```
           deviceMac                    MAC of the Device to Get all DiskLocators
                                        for.
```
            PvsPhysicalAddress[] DeviceMac: MAC of the Device to Get all
                        DiskLocators for.
```
           serverId                     GUID of the Server to Get all DiskLocators
                                        for.
```
            Guid[] ServerId: GUID of the Server to Get all DiskLocators for.

```
serverName                  Name of the Server to Get all DiskLocators
                            for.
  string[] ServerName: Name of the Server to Get all DiskLocators for.
updateTaskId                GUID of the Update Task to Get all
                            DiskLocators for.
  Guid[] UpdateTaskId: GUID of the Update Task to Get all DiskLocators
                  for.
siteId                      GUID of the Site to Get all DiskLocators
                            for.
  Guid[] SiteId: GUID of the Site to Get all DiskLocators for.
siteName                    Name of the Site to Get all DiskLocators
                            for.
  string[] SiteName: Name of the Site to Get all DiskLocators for.
or one of these optional & resolutions
diskLocatorName             Name of the Disk Locator File to Get.
  string[] Name or DiskLocatorName: Name of the Disk Locator File to
                  Get.
storeId                     GUID of the Store to Get all DiskLocators
                            for.
  Guid[] StoreId: GUID of the Store to Get all DiskLocators for.
storeName                   Name of the Store to Get all DiskLocators
                            for.
  string[] StoreName: Name of the Store to Get all DiskLocators for.
updateTaskName              Name of the Update Task to Get all
                            DiskLocators for.
  string[] UpdateTaskName: Name of the Update Task to Get all
                  DiskLocators for.
One of these optional
single                      Include single server connection when set to
                            1. If this and All are not included, both
                            connection types are included.
  SwitchParameter Single: If -Single is specified, include single
                  server connection. If this and All are not included,
                  both connection types are included.
all                         Include all server connections for the store
                            when set to 1. If this and Single are not
                            included, both connection types are
                            included.
  SwitchParameter All: If -All is specified, include all server
                  connections for the store. If this and Single are
                  not included, both connection types are included.
Optional
onlyActive                  Include only the active DiskLocators when
                            set to 1. If not included or set to 0, all
                            DiskLocators are returned.
  SwitchParameter OnlyActive: If -OnlyActive is specified, include only
                  the active DiskLocators. If not included, all
                  DiskLocators are returned.
updateDevice                Include DiskLocators that have an Update
                            Device when set to 1. Include DiskLocators
                            that do not have an Update Device when set
                            to 0. If this parameter is not included,
                            then all DiskLocators are returned.
  SwitchParameter UpdateDevice: If -UpdateDevice is specified, include
                  only DiskLocators that have an Update Device.
One of these resolutions when needed
siteId                      GUID of the Site.
```

```
        Guid[] SiteId: GUID of the Site to Get all DiskLocators for.
  siteName                    Name of the Site.
    string[] SiteName: Name of the Site to Get all DiskLocators for.
 One of these resolutions when needed
  storeId                     GUID of the Store that is needed when a
                              diskLocatorName is used.
    Guid[] StoreId: GUID of the Store to Get all DiskLocators for.
  storeName                   Name of the Store that is needed when a
                              diskLocatorName is used.
    string[] StoreName: Name of the Store to Get all DiskLocators for.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                  the Object parameter or from a pileline:
      DiskLocatorId, DeviceId, ServerId, UpdateTaskId, SiteId or StoreId
-s                            Name of field to sort on. If not included,
                              the first field listed is used. Append a - to
                              the field name to get descending order.
  diskLocatorName             Name of the Disk Locator File. It is unique
                              within the Store. ASCII Max Length=52
  description                 User description. Default="" Max Length=250
  menuText                    Text that is displayed in the Boot Menu. If
                              this field has no value, the name value is
                              used. Default="" ASCII Max Length=64
-f                            List of fields to retrieve, if not included,
                              all fields are retrieved.
 If only selected fields are needed, pass them in the Fields parameter
                  as a string array.
  diskLocatorId               Read-only GUID that uniquely identifies this
                              Disk Locator. Length=36
    Guid or DiskLocatorId: Read-only GUID that uniquely identifies this
                  Disk Locator.
  diskLocatorName             Name of the Disk Locator File. It is unique
                              within the Store. ASCII Max Length=52
    Name or DiskLocatorName: Name of the Disk Locator File. It is unique
                  within the Store. ASCII Max Length=52
  siteId                      GUID of the Site this DiskLocator is to be a
                              member of. It is not used with siteName.
                              Length=36
    SiteId: GUID of the Site this DiskLocator is to be a member of. It is
                  not used with SiteName.
  siteName                    Name of the Site this DiskLocator is to be a
                              member of. It is not used with siteId.
    SiteName: Name of the Site this DiskLocator is to be a member of. It
                  is not used with SiteId.
  storeId                     GUID of the Store that this Disk Locator is
                              a member of. siteName or siteId must also be
                              used. It is not used with storeName.
                              Length=36
    StoreId: GUID of the Store that this Disk Locator is a member of.
                  SiteName or SiteId must also be used. It is not used
                  with StoreName.
  storeName                   Name of the Store that this Disk Locator is
                              a member of. siteName or siteId must also be
                              used. It is not used with storeId.
    StoreName: Name of the Store that this Disk Locator is a member of.
                  SiteName or SiteId must also be used. It is not used
                  with StoreId.
```

```
description                 User description. Default="" Max Length=250
   Description: User description. Default="" Max Length=250
menuText                    Text that is displayed in the Boot Menu. If
                            this field has no value, the name value is
                            used. Default="" ASCII Max Length=64
   MenuText: Text that is displayed in the Boot Menu. If this field has
              no value, the name value is used. Default="" ASCII
              Max Length=64
serverId                    GUID of the single Server that this Disk
                            Locator is assigned to. It is not used with
                            serverName. Default=null Length=36
   ServerId: GUID of the single Server that this Disk Locator is
              assigned to. It is not used with ServerName.
              Default=00000000-0000-0000-0000-000000000000
serverName                  Name of the single Server that this Disk
                            Locator is assigned to. It is not used with
                            serverId. Default=null
   ServerName: Name of the single Server that this Disk Locator is
              assigned to. It is not used with ServerId.
              Default=""
enabled                     1 when this disk can be booted, 0 otherwise.
                            Default=1
   Enabled: True when this disk can be booted, false otherwise.
              Default=true
role                        Read-only Role of the user for this item.
                            100 is Farm Administrator, 200 is Site
                            Administrator, 300 is Collection
                            Administrator, and 999 is read-only.
                            Default=999
   Role: Read-only Role of the user for this item. 100 is Farm
              Administrator, 200 is Site Administrator, 300 is
              Collection Administrator, and 999 is read-only.
              Default=999
mapped                      1 if the Disk is currently mapped, 0
                            otherwise. Default=0
   Mapped: True if the Disk is currently mapped, false otherwise.
              Default=false
enabledForDevice            1 when this disk is enabled for the Device
                            specified, 0 otherwise. This is only
                            returned when a Device is specified.
                            Default=1
   EnabledForDevice: True when this disk is enabled for the Device
              specified, false otherwise. This is only returned
              when a Device is specified. Default=true
active                      1 if the DiskLocator is currently active, 0
                            otherwise. Default=0
   Active: True if the DiskLocator is currently active, false otherwise.
              Default=false
rebalanceEnabled            1 when this Server can automatically
                            rebalance Devices, 0 otherwise. Default=0
   RebalanceEnabled: True when this Server can automatically rebalance
              Devices, false otherwise. Default=false
rebalanceTriggerPercent     Percent over fair load that triggers a
                            dynamic Device rebalance. Min=5, Max=5000,
                            Default=25
```

RebalanceTriggerPercent: Percent over fair load that triggers a
                              dynamic Device rebalance. Min=5, Max=5000,
                              Default=25
        subnetAffinity   Qualifier for subnet affinity when assigning
                                    a Server. 0=None, 1=Best Effort, 2=Fixed.
                                    Min=0, Max=2, Default=0
          SubnetAffinity: Qualifier for subnet affinity when assigning a
                          Server. 0=None, 1=Best Effort, 2=Fixed. Min=0,
                          Max=2, Default=0
        diskUpdateDeviceId   GUID of the DiskUpdateDevice that is used
                                    when updates are performed. Default=null
          DiskUpdateDeviceId: GUID of the DiskUpdateDevice that is used when
                              updates are performed. Default=00000000-0000-0000-
                              0000-000000000000
        diskUpdateDeviceName   Name of the DiskUpdateDevice that is used
                                    when updates are performed. Default=null
          DiskUpdateDeviceName: Name of the DiskUpdateDevice that is used when
                              updates are performed. Default=""
        temporaryVersionSet   Read-only 1 when temporary version(s) are
                                    set. Default=0
          TemporaryVersionSet: Read-only true when temporary version(s) are
                              set. Default=false
      records   If successful, records retrieved.
        PvsDiskLocator[]: If successful, the PvsDiskLocator object(s) are
                          returned.

Mcli-Get DiskLocatorLock

  Get the fields for all the locks of a Disk Locator.

Get-PvsDiskLocatorLock

  Get the fields for all the locks of a Disk Locator.
    -p   Parameters needed for the Get.
     This required
      diskLocatorId   GUID of the Disk Locator to Get the Locks.
        Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Get the
                          Locks.
     or this required & resolution
      diskLocatorName   Name of Disk Locator to Get the Locks.
        string[] Name or DiskLocatorName: Name of Disk Locator to Get the
                          Locks.
     One of these resolutions when needed
      siteId   GUID of the Site.
        Guid[] SiteId: GUID of the Site.
      siteName   Name of the Site.
        string[] SiteName: Name of the Site.
     One of these resolutions when needed
      storeId   GUID of the Store that is needed when a
                                    diskLocatorName is used.
        Guid[] StoreId: GUID of the Store that is needed when a
                          DiskLocatorName is used.
      storeName   Name of the Store that is needed when a
                                    diskLocatorName is used.
        string[] StoreName: Name of the Store that is needed when a
                          DiskLocatorName is used.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:

```
             DiskLocatorId
      -f                          List of fields to retrieve, if not included,
                                  all fields are retrieved.
        If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
       exclusive                  1 when the lock is exclusive, 0 when it is
                                  shared. Default=0
        Exclusive: True when the lock is exclusive, false when it is shared.
                      Default=false
       deviceId                   GUID of the Device that has the lock, will
                                  not be included if a Server has the lock.
         DeviceId: GUID of the Device that has the lock, will be 00000000-
                      0000-0000-0000-000000000000 if a Server has the
                      lock.
       deviceName                 Name of the Device that has the lock, will
                                  not be included if a Server has the lock.
         DeviceName: Name of the Device that has the lock, will not be
                      included if a Server has the lock.
       serverId                   GUID of the Server that has the lock, will
                                  not be included if a Device has the lock.
         ServerId: GUID of the Server that has the lock, will be 00000000-
                      0000-0000-0000-000000000000 if a Device has the
                      lock.
       serverName                 Name of the Server that has the lock, will
                                  not be included if a Device has the lock.
         ServerName: Name of the Server that has the lock, will not be
                      included if a Device has the lock.
       readOnly                   1 when lock is because file system is read
                                  only, 0 when file system is read write
                                  Default=0
         ReadOnly: True when lock is because file system is read only, false
                      when file system is read write Default=false
      records                     If successful, records retrieved.
        PvsDiskLocatorLock[]: If successful, the PvsDiskLocatorLock object(s)
                      are returned.
```

Mcli-Get DiskUpdateDevice

```
    Get the fields and status for a Disk Update Device, or all Disk Update
      Devices for a Site, Server, DiskLocator or Farm. All Disk Update Devices
      are returned if no parameters are passed.
```

Get-PvsDiskUpdateDevice

```
    Get the fields and status for a Disk Update Device, or all Disk Update
      Devices for a Site, Server, DiskLocator or Farm. All Disk Update Devices
      are returned if no parameters are passed.
     -p                           Parameters needed for the Get.
      One of these optional
       deviceId                   GUID of the Disk Update Device to Get.
         Guid[] Guid or DeviceId: GUID of the Disk Update Device to Get.
       deviceName                 Name of Disk Update Device to Get.
         string[] Name or DeviceName: Name of Disk Update Device to Get.
       deviceMac                  MAC of the Disk Update Device to Get.
         PvsPhysicalAddress[] DeviceMac: MAC of the Disk Update Device to Get.
       serverId                   GUID of the Server to Get all Disk Update
                                  Devices for.
         Guid[] ServerId: GUID of the Server to Get all Disk Update Devices
                      for.
```

```
    serverName                 Name of the Server to Get all Disk Update
                               Devices for.
      string[] ServerName: Name of the Server to Get all Disk Update
                    Devices for.
    diskLocatorId              GUID of the DiskLocator to Get the Disk
                               Update Device for.
      Guid[] DiskLocatorId: GUID of the DiskLocator to Get the Disk Update
                    Device for.
    updateTaskId               GUID of the Update Task to Get all Disk
                               Update Devices for.
      Guid[] UpdateTaskId: GUID of the Update Task to Get all Disk Update
                    Devices for.
    siteId                     GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName                   Name of the Site.
      string[] SiteName: Name of the Site.
or one of these optional & resolutions
    diskLocatorName            Name of the DiskLocator to Get the Disk
                               Update Device for.
      string[] DiskLocatorName: Name of the DiskLocator to Get the Disk
                    Update Device for.
    updateTaskName             Name of the Update Task to Get all Disk
                               Update Devices for.
      string[] UpdateTaskName: Name of the Update Task to Get all Disk
                    Update Devices for.
Optional
    onlyActive                 Include only the active Disk Update Devices
                               when set to 1. If not included or set to 0,
                               all Disk Update Devices are returned. Only
                               active Disk Update Devices are always
                               returned for serverId or serverName.
      SwitchParameter OnlyActive: If -OnlyActive is specified, include only
                    the active Disk Update Devices. Only active Disk
                    Update Devices are always returned for ServerId or
                    ServerName.
    makLicenseActivated        Optional MAK licensing indicator value to
                               only return active Disk Update Devices for.
                               Values are: 0 (MAK not used), 1 (Not
                               Activated), 2 (Activated).
      uint MakLicenseActivated: Optional MAK licensing indicator value to
                    only return active Disk Update Devices for. Values
                    are: 0 (MAK not used), 1 (Not Activated), 2
                    (Activated).
One of these resolutions when needed
    siteId                     GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName                   Name of the Site.
      string[] SiteName: Name of the Site.
One of these resolutions when needed
    storeId                    GUID of the Store that is needed when a
                               diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                    DiskLocatorName is used.
    storeName                  Name of the Store that is needed when a
                               diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                    DiskLocatorName is used.
```

```
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
              DeviceId, ServerId, DiskLocatorId, UpdateTaskId or SiteId
  -s                               Name of field to sort on. If not included,
                                   the first field listed is used. Append a - to
                                   the field name to get descending order.
     deviceName                    Computer name with no spaces. ASCII computer
                                   name characters Max Length=15
     virtualHostingPoolName    Name of the Virtual Hosting Pool.
     diskLocatorName               Name of the Disk Locator File to update with
                                    this Device.
     description                   User description. Default="" Max Length=250
     deviceMac                     Ethernet address as a string in the form XX-
                                   XX-XX-XX-XX-XX. Uniquely identifies the
                                    Device. Length=17
     port                          UDP port to use with Stream Service.
                                    Min=1025, Max=65534, Default=6901
  -f                               List of fields to retrieve, if not included,
                                   all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
     deviceId                      Read-only GUID that uniquely identifies this
                                    Device. Length=36
       Guid or DeviceId: Read-only GUID that uniquely identifies this
                          Device.
     deviceName                    Computer name with no spaces. ASCII computer
                                   name characters Max Length=15
       Name or DeviceName: Computer name with no spaces. ASCII computer name
                          characters Max Length=15
     virtualHostingPoolId      GUID of the Virtual Hosting Pool. It is not
                                   used with virtualHostingPoolName.
                                   Default=null Length=36
       VirtualHostingPoolId: GUID of the Virtual Hosting Pool. It is not
                          used with VirtualHostingPoolName. Default=00000000-
                          0000-0000-0000-000000000000
     virtualHostingPoolName    Name of the Virtual Hosting Pool.
       VirtualHostingPoolName: Name of the Virtual Hosting Pool.
     diskLocatorId                 GUID of the Disk Locator to update with this
                                    Device.
       DiskLocatorId: GUID of the Disk Locator to update with this Device.
     diskLocatorName               Name of the Disk Locator File to update with
                                    this Device.
       DiskLocatorName: Name of the Disk Locator File to update with this
                          Device.
     siteId                        GUID of the Site this Disk Update Device is
                                    to be a member of.
       SiteId: GUID of the Site this Disk Update Device is to be a member
                          of.
     siteName                      Name of the Site this Disk Update Device is
                                    to be a member of.
       SiteName: Name of the Site this Disk Update Device is to be a member
                          of.
     storeId                       GUID of the Store that the Disk Locator is a
                                    member of.
       StoreId: GUID of the Store that the Disk Locator is a member of.
```

storeName	Name of the Store that the Disk Locator is a member of.

StoreName: Name of the Store that the Disk Locator is a member of.

description	User description. Default="" Max Length=250

Description: User description. Default="" Max Length=250

deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17

DeviceMac: Ethernet address can have the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device.

port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

Port: UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

active	1 if the Device is currently active, 0 otherwise. Default=0

Active: True if the Device is currently active, false otherwise. Default=false

adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

AdTimestamp: The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

AdSignature: The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

logLevel	Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

LogLevel: Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName	Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

DomainName: Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default="" Max Length=255

domainObjectSID	The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186

DomainObjectSID: The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default="" Max Length=186

domainControllerName	The name of the DC used to create the host's computer account. Do not set this field, it

is only set internally by PVS. Default=null
Max Length=4000

```
                              is only set internally by PVS. Default=null
                              Max Length=4000
  DomainControllerName: The name of the DC used to create the host's
                   computer account. Do not set this field, it is only
                   set internally by PVS. Default="" Max Length=4000
domainTimeCreated            The time that the computer account was
                             created. Do not set this field, it is only
                             set internally by PVS. Format is: YYYY-MM-DD
                             HH:MM:SS.SSS Default=null
  DomainTimeCreated: The time that the computer account was created.
                   Has the date and time including milliseconds. Do not
                   set this field, it is only set internally by PVS.
                   Default=Empty
adPassword                   The Active Directory machine account
                             password. Do not set this field, it is only
                             set internally by PVS. Default="" Max
                             Length=256
  AdPassword: The Active Directory machine account password. Do not set
                   this field, it is only set internally by PVS.
                   Default="" Max Length=256
ip                           Read-only IP of the Device. It is equal to
                             "" if the Device is not active.
  Ip: Read-only IP of the Device. It is equal to 0.0.0.0 if the Device
                   is not active.
serverPortConnection         Read-only Port of the Server that the Device
                             is using. It is equal to "" if the Device is
                             not active. Default=0
  ServerPortConnection: Read-only Port of the Server that the Device is
                   using. It is equal to 0 if the Device is not active.
                   Default=0
serverIpConnection           Read-only IP of the Server that the Device
                             is using. It is equal to "" if the Device is
                             not active.
  ServerIpConnection: Read-only IP of the Server that the Device is
                   using. It is equal to 0.0.0.0 if the Device is not
                   active.
serverId                     Read-only GUID of the Server that the Device
                             is using. It is equal to "" if the Device is
                             not active. Length=36
  ServerId: Read-only GUID of the Server that the Device is using. It
                   is equal to 00000000-0000-0000-0000-000000000000 if
                   the Device is not active.
serverName                   Read-only Name of the Server that the Device
                             is using. It is equal to "" if the Device is
                             not active.
  ServerName: Read-only Name of the Server that the Device is using. It
                   is equal to "" if the Device is not active.
diskVersion                  Read-only version of the Disk Locator File
                             that the Device is using. It is equal to ""
                             if the Device is not active. Default=0
  DiskVersion: Read-only version of the Disk Locator File that the
                   Device is using. It is equal to 0 if the Device is
                   not active. Default=0
status                       1 or 2 numbers in the format n,n. They are
                             the number of retries and if ram cache is
                             being used, ram cache percent used. It is
                             equal to "" if the Device is not active.
```

```
                Status: 1 or 2 numbers in the format n,n. They are the number of
                        retries and if ram cache is being used, ram cache
                        percent used. It is equal to "" if the Device is not
                        active.
     licenseType              0 when None, 1 for Desktop, 2 for Server, 5
                              for OEM SmartClient, 6 for XenApp, 7 for
                              XenDesktop. It is equal to 0 if the Device
                              is not active. Default=0
      LicenseType: 0 when None, 1 for Desktop, 2 for Server, 5 for OEM
                        SmartClient, 6 for XenApp, 7 for XenDesktop. It is
                        equal to 0 if the Device is not active. Default=0
     makLicenseActivated      Read-only indicator if MAK licensing is
                              being used and is activated. Values are: 0
                              (MAK not used), 1 (Not Activated), 2
                              (Activated). It is equal to "" if the Device
                              is not active. Default=0
      MakLicenseActivated: Read-only indicator if MAK licensing is being
                        used and is activated. Values are: 0 (MAK not used),
                        1 (Not Activated), 2 (Activated). It is equal to 0
                        if the Device is not active. Default=0
     model                    Oem Only: Read-only model of the computer.
                              Values are OptiPlex 745, 755, 320, 760,
                              FX160, or Default. It is equal to "" if the
                              Device is not active.
      Model: Oem Only: Read-only model of the computer. Values are OptiPlex
                        745, 755, 320, 760, FX160, or Default. It is equal
                        to "" if the Device is not active.
     license                  Oem Only: Read-only type of the license.
                              Values are 0 when None, 1 or 2 when Desktop.
                              It is equal to 0 if the Device is not
                              active. Default=0
      License: Oem Only: Read-only type of the license. Values are 0 when
                        None, 1 or 2 when Desktop. It is equal to 0 if the
                        Device is not active. Default=0
   records                    If successful, records retrieved.
    PvsDiskUpdateDevice[]: If successful, the PvsDiskUpdateDevice object(s)
                        are returned.
```

Mcli-Get DiskUpdateStatus

```
  Get the status of an Update Task, or all Update Tasks for a Site or Farm.
    All Disk Update Tasks are returned if no parameters are passed.
```

Get-PvsDiskUpdateStatus

```
  Get the status of an Update Task, or all Update Tasks for a Site or Farm.
    All Disk Update Tasks are returned if no parameters are passed.
   -p                         Parameters needed for the Get.
    One of these optional
     updateTaskId             GUID of the Update Task to Get.
       Guid[] UpdateTaskId: GUID of the Update Task to Get.
     deviceId                 GUID of the Disk Update Device to Get Disk
                              Update Status for.
       Guid[] DeviceId: GUID of the Disk Update Device to Get Disk Update
                        Status for.
     deviceName               Name of the Disk Update Device to Get Disk
                              Update Status for.
       string[] DeviceName: Name of the Disk Update Device to Get Disk
                        Update Status for.
```

```
deviceMac                  MAC of the Disk Update Device to Get Disk
                           Update Status for.
  PvsPhysicalAddress[] DeviceMac: MAC of the Disk Update Device to Get
               Disk Update Status for.
diskUpdateTaskId           GUID of the Disk Update Task and Device
                           relationship to Get Disk Update Status for.
  Guid[] Guid or DiskUpdateTaskId: GUID of the Disk Update Task and
               Device relationship to Get Disk Update Status for.
siteId                     GUID of the Site to Get all Update Tasks
                           for. Also used with updateTaskName.
  Guid[] SiteId: GUID of the Site to Get all Update Tasks for. Also
               used with UpdateTaskName.
siteName                   Name of the Site to Get all Update Tasks
                           for. Also used with updateTaskName.
  string[] SiteName: Name of the Site to Get all Update Tasks for. Also
               used with UpdateTaskName.
or this optional & resolution
updateTaskName             Name of the Update Task to Get.
  string[] UpdateTaskName: Name of the Update Task to Get.
One of these resolutions when needed
siteId                     GUID of the Site.
  Guid[] SiteId: GUID of the Site to Get all Update Tasks for. Also
               used with UpdateTaskName.
siteName                   Name of the Site.
  string[] SiteName: Name of the Site to Get all Update Tasks for. Also
               used with UpdateTaskName.
Instead of a parameter that matches one of the members listed
  PvsObject[] Object: PvsObjects with the members below can be used as
               the Object parameter or from a pileline:
    UpdateTaskId, DeviceId or SiteId
-s                         Name of field to sort on. If not included,
                           the first field listed is used. Append a - to
                           the field name to get descending order.
updateTaskName             Name of the Update Task.
description                User description of the Update Task.
diskLocatorName            Name of the Disk Locator File to update.
virtualHostingPoolName     Name of the Virtual Hosting Pool being used
                           for the update.
deviceName                 Name of the Device being used to do the
                           update.
-f                         List of fields to retrieve, if not included,
                           all fields are retrieved.
 If only selected fields are needed, pass them in the Fields parameter
               as a string array.
diskUpdateTaskId           GUID that uniquely identifies this Update
                           Task and Device relationship. Length=36
  Guid or DiskUpdateTaskId: GUID that uniquely identifies this Update
               Task and Device relationship.
updateTaskId               GUID that uniquely identifies the Update
                           Task. Length=36
  UpdateTaskId: GUID that uniquely identifies the Update Task.
updateTaskName             Name of the Update Task.
  UpdateTaskName: Name of the Update Task.
description                User description of the Update Task.
  Description: User description of the Update Task.
diskLocatorId              GUID of the Disk Locator to update.
  DiskLocatorId: GUID of the Disk Locator to update.
```

```
diskLocatorName          Name of the Disk Locator File to update.
  Name or DiskLocatorName: Name of the Disk Locator File to update.
virtualHostingPoolId     GUID of the Virtual Hosting Pool being used
                         for the update.
  VirtualHostingPoolId: GUID of the Virtual Hosting Pool being used for
                  the update.
virtualHostingPoolName   Name of the Virtual Hosting Pool being used
                         for the update.
  VirtualHostingPoolName: Name of the Virtual Hosting Pool being used
                  for the update.
deviceId                 GUID that Device being used to do the
                         update.
  DeviceId: GUID that Device being used to do the update.
deviceName               Name of the Device being used to do the
                         update.
  DeviceName: Name of the Device being used to do the update.
siteId                   GUID of the Site that this Update Task Name
                         is a member of.
  SiteId: GUID of the Site that this Update Task Name is a member of.
siteName                 Name of the Site that this Update Task Name
                         is a member of.
  SiteName: Name of the Site that this Update Task Name is a member of.
storeId                  GUID of the Store that the Disk Locator is a
                         member of.
  StoreId: GUID of the Store that the Disk Locator is a member of.
storeName                Name of the Store that the Disk Locator is a
                         member of.
  StoreName: Name of the Store that the Disk Locator is a member of.
previousResult           Status of the last run. Values are: 0
                         (Ready), 1 (Update Pending), 2 (Preparing
                         Image), 3 (Starting VM), 4 (Update In
                         Progress), 5 (Stopping VM), 6 (Submitting
                         Image), 7 (Reverting Image), 8 (Invalid), 9
                         (Aborted), 10 (Completed Successfully), 11
                         (No Updates) Min=0, Max=11, Default=0
  PreviousResult: Status of the last run. Values are: 0 (Ready), 1
                  (Update Pending), 2 (Preparing Image), 3 (Starting
                  VM), 4 (Update In Progress), 5 (Stopping VM), 6
                  (Submitting Image), 7 (Reverting Image), 8
                  (Invalid), 9 (Aborted), 10 (Completed Successfully),
                  11 (No Updates) Min=0, Max=11, Default=0
previousResultMessage    Message string that includes the results of
                         the last run. Default="" Max Length=255
  PreviousResultMessage: Message string that includes the results of
                  the last run. Default="" Max Length=255
currentStatus            Current status of the update. Values are: 0
                         (Ready), 1 (Update Pending), 2 (Preparing
                         Image), 3 (Starting VM), 4 (Update In
                         Progress), 5 (Stopping VM), 6 (Submitting
                         Image), 7 (Reverting Image), 8 (Invalid), 9
                         (Aborted), 10 (Completed Successfully), 11
                         (No Updates) Min=0, Max=11, Default=0
  CurrentStatus: Current status of the update. Values are: 0 (Ready), 1
                  (Update Pending), 2 (Preparing Image), 3 (Starting
                  VM), 4 (Update In Progress), 5 (Stopping VM), 6
                  (Submitting Image), 7 (Reverting Image), 8
```

(Invalid), 9 (Aborted), 10 (Completed Successfully), 11 (No Updates) Min=0, Max=11, Default=0

currentStatusMessage   Message string that includes the results of the run. Default="" Max Length=255

CurrentStatusMessage: Message string that includes the results of the run. Default="" Max Length=255

records   If successful, records retrieved.

PvsDiskUpdateStatus[]: If successful, the PvsDiskUpdateStatus object(s) are returned.

Mcli-Get DiskVersion

Get the fields for a Disk Version or all Disk Versions for a Disk Locator.

Get-PvsDiskVersion

Get the fields for a Disk Version or all Disk Versions for a Disk Locator.

-p   Parameters needed for the Get.

This required

diskLocatorId   GUID of the Disk Locator to Get Disk Versions of.

Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Get Disk Versions of.

or this required & resolution

diskLocatorName   Name of the Disk Locator to Get Disk Versions of.

string[] Name or DiskLocatorName: Name of the Disk Locator to Get Disk Versions of.

One of these optional

version   Specific Version to Get.

uint Version: Specific Version to Get.

type   When set to 1, get the Maintenance or MaintenanceHighestVersion access version if it exists. When set to 2, get the Test access versions if any exist. When set to 3, get the Override access version if it exists.

uint Type: When set to 1, get the Maintenance or MaintenanceHighestVersion access version if it exists. When set to 2, get the Test access versions if any exist. When set to 3, get the Override access version if it exists.

One of these resolutions when needed

siteId   GUID of the Site.

Guid[] SiteId: GUID of the Site.

siteName   Name of the Site.

string[] SiteName: Name of the Site.

One of these resolutions when needed

storeId   GUID of the Store that is needed when a diskLocatorName is used.

Guid[] StoreId: GUID of the Store that is needed when a DiskLocatorName is used.

storeName   Name of the Store that is needed when a diskLocatorName is used.

string[] StoreName: Name of the Store that is needed when a DiskLocatorName is used.

Instead of a parameter that matches one of the members listed

PvsObject[] Object: PvsObjects with the members below can be used as the Object parameter or from a pileline:

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           (DiskLocatorId and Version) or DiskLocatorId
 -s                              Name of field to sort on. If not included,
                                 the first field listed is used. Append a - to
                                 the field name to get descending order.
    version                      Read-only version number. The base disk is
                                 version 0, the other version numbers are in
                                 part of the file name. Default=0
 -f                              List of fields to retrieve, if not included,
                                 all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
    version                      Read-only version number. The base disk is
                                 version 0, the other version numbers are in
                                 part of the file name. Default=0
     Version: Read-only version number. The base disk is version 0, the
                     other version numbers are in part of the file name.
                     Default=0
    description                  User description. Default="" Max Length=250
     Description: User description. Default="" Max Length=250
    type                         Read-only type of the Disk Version. Values
                                 are: 0 (Base), 1 (Manual), 2 (Automatic), 3
                                 (Merge), and 4 (MergeBase) Min=0, Max=4,
                                 Default=0
     Type: Read-only type of the Disk Version. Values are: 0 (Base), 1
                     (Manual), 2 (Automatic), 3 (Merge), and 4
                     (MergeBase) Min=0, Max=4, Default=0
    createDate                   Read-only Date/Time that the Disk Version
                                 was created. Default=getdate
     CreateDate: Read-only Date/Time that the Disk Version was created.
                     Default=getdate
    scheduledDate                Date/Time that the Disk Version is scheduled
                                 to become available. Format is: YYYY-MM-DD
                                 HH:MM. When empty, the disk version is made
                                 available immediately. Default=null
     ScheduledDate: Date/Time that the Disk Version is scheduled to become
                     available. Has the date, hour and minute. Empty when
                     the disk version is made available immediately.
                     Default=Empty
    deleteWhenFree               Read-only 1 if the Disk Version is no longer
                                 needed because of a merge. If not current
                                 booted by a Device, it can be deleted.
                                 Default=0
     DeleteWhenFree: Read-only true if the Disk Version is no longer
                     needed because of a merge. If not current booted by
                     a Device, it can be deleted. Default=false
    access                       Read-only access of the Disk Version. Values
                                 are: 0 (Production), 1 (Maintenance), 2
                                 (MaintenanceHighestVersion), 3 (Override), 4
                                 (Merge), 5 (MergeMaintenance), 6
                                 (MergeTest), and 7 (Test) Min=0, Max=7,
                                 Default=0
     Access: Read-only access of the Disk Version. Values are: 0
                     (Production), 1 (Maintenance), 2
                     (MaintenanceHighestVersion), 3 (Override), 4
                     (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7
                     (Test) Min=0, Max=7, Default=0
```

```
diskFileName              Name of the Disk File including the
                          extension. Default=null
 Name or DiskFileName: Name of the Disk File including the extension.
              Default=""
deviceCount               Read-only count of Devices. Default=0
 DeviceCount: Read-only count of Devices. Default=0
goodInventoryStatus       1 when the up to date file is accessible by
                          all Servers, 0 otherwise. Default=0
 GoodInventoryStatus: True when the up to date file is accessible by
              all Servers, false otherwise. Default=false
taskId                    When a Merge is occurring, this will be set
                          with the task number of the process that is
                          occurring. Default=null
 TaskId: When a Merge is occurring, this will be set with the task
              number of the process that is occurring. Default=""
canDelete                 Read-only 1 when the version can be deleted.
                          Default=0
 CanDelete: Read-only true when the version can be deleted.
              Default=false
canMerge                  Read-only 1 when the version can be update
                          merged. Will be set for the highest version
                          number. Default=0
 CanMerge: Read-only true when the version can be update merged. Will
              be set for the highest version number. Default=false
canMergeBase              Read-only 1 when the version can be base
                          merged. Will be set for the highest version
                          number. Default=0
 CanMergeBase: Read-only true when the version can be base merged.
              Will be set for the highest version number.
              Default=false
canPromote                Read-only 1 when the version can be
                          promoted. Default=0
 CanPromote: Read-only true when the version can be promoted.
              Default=false
canRevertTest             Read-only 1 when the version can be reverted
                          to Test Access. Default=0
 CanRevertTest: Read-only true when the version can be reverted to
              Test Access. Default=false
canRevertMaintenance      Read-only 1 when the version can be reverted
                          to Maintenance Access. Default=0
 CanRevertMaintenance: Read-only true when the version can be reverted
              to Maintenance Access. Default=false
canSetScheduledDate       Read-only 1 when the version can have the
                          scheduled date modified. Default=0
 CanSetScheduledDate: Read-only true when the version can have the
              scheduled date modified. Default=false
canOverride               Read-only 1 when the version can be set as
                          the Override. Default=0
 CanOverride: Read-only true when the version can be set as the
              Override. Default=false
isPending                 Read-only 1 when the version scheduledDate
                          has not occurred. Default=0
 IsPending: Read-only true when the version ScheduledDate has not
              occurred. Default=false
temporaryVersionSet       Read-only 1 when temporary version(s) are
                          set. Some changes cannot be made to the
                          version when this is set. Default=0
```

```
                TemporaryVersionSet: Read-only true when temporary version(s) are
                              set. Some changes cannot be made to the version when
                              this is set. Default=false
     records                          If successful, records retrieved.
       PvsDiskVersion[]: If successful, the PvsDiskVersion object(s) are
                         returned.
```

Mcli-Get Farm

```
   Get the fields for the Farm.
```

Get-PvsFarm

```
   Get the fields for the Farm.
     -p                              Parameters needed for the Get.
      Optional
       farmId                          GUID of the Farm to Get. This is optional
                                        since there is only one Farm.
          Guid[] Guid or FarmId: GUID of the Farm to Get. This is optional
                              since there is only one Farm.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
            FarmId
     -f                                 List of fields to retrieve, if not included,
                                        all fields are retrieved.
       If only selected fields are needed, pass them in the Fields parameter
                        as a string array.
       farmId                          Read-only GUID that uniquely identifies this
                                        Farm. Length=36
          Guid or FarmId: Read-only GUID that uniquely identifies this Farm.
       farmName                        Name of the Farm. Default="" Max Length=50
          Name or FarmName: Name of the Farm. Default="" Max Length=50
       description                     User description. Default="" Max Length=250
          Description: User description. Default="" Max Length=250
       autoAddEnabled                  1 when Auto Add is enabled, 0 otherwise.
                                        Default=0
          AutoAddEnabled: True when Auto Add is enabled, false otherwise.
                          Default=false
       auditingEnabled                 1 when Auditing is enabled, 0 otherwise.
                                        Default=0
          AuditingEnabled: True when Auditing is enabled, false otherwise.
                          Default=false
       lastAuditArchiveDate           Last date of Audit Trail data that was
                                        Archived. Format is yyyy/mm/dd Default=null
          LastAuditArchiveDate: Last date of Audit Trail data that was
                          Archived. Has the date. Default=Empty
       defaultSiteId                   GUID of the Site to place new Devices into
                                        automatically. Not used with
                                        defaultSiteName. Default=null Length=36
          DefaultSiteId: GUID of the Site to place new Devices into
                          automatically. Not used with defaultSiteName.
                          Default=00000000-0000-0000-0000-000000000000
       defaultSiteName                 Name of the Site to place new Devices into
                                        automatically. Not used with defaultSiteId.
                                        Default=null
          DefaultSiteName: Name of the Site to place new Devices into
                          automatically. Not used with DefaultSiteId.
                          Default=""
```

```
offlineDatabaseSupportEnabled  1 when Offline Database Support is
                               enabled, 0 otherwise. Default=0
   OfflineDatabaseSupportEnabled: True when Offline Database Support is
                     enabled, false otherwise. Default=false
adGroupsEnabled                Active Directory groups are used for
                               authorization, when set to 1. Windows groups
                               are used when set to 0. Default=0
   AdGroupsEnabled: Active Directory groups are used for authorization,
                     when set to true. Windows groups are used when set
                     to false. Default=false
licenseServer                  License server name. Default="" Max
                               Length=255
   LicenseServer: License server name. Default="" Max Length=255
licenseServerPort              License server port. Min=1025, Max=65534,
                               Default=27000
   LicenseServerPort: License server port. Min=1025, Max=65534,
                     Default=27000
licenseTradeUp                 License server trade up, when set to 1.
                               Default=0
   LicenseTradeUp: License server trade up, when set to true.
                     Default=false
licenseSKU                     licenseSKU. 0 for on-premises, 1 for cloud.
                               Min=0, Max=1, Default=0
   LicenseSKU: LicenseSKU. 0 for on-premises, 1 for cloud. Min=0, Max=1,
                     Default=0
automaticMergeEnabled          1 when Automatic Merge is enabled, 0
                               otherwise. If the number of versions becomes
                               more than the maxVersions value, a merge
                               will occur at the end of PromoteDiskVersion.
                               Default=1
   AutomaticMergeEnabled: True when Automatic Merge is enabled, false
                     otherwise. If the number of versions becomes more
                     than the MaxVersions value, a merge will occur at
                     the end of PromoteDiskVersion. Default=true
maxVersions                    Maximum number a versions of a Disk that can
                               exist before a merge will automatically
                               occur. Min=3, Max=50, Default=5
   MaxVersions: Maximum number a versions of a Disk that can exist
                     before a merge will automatically occur. Min=3,
                     Max=50, Default=5
mergeMode                      Mode to place the version in after a merge
                               has occurred. Values are: 0 (Production), 1
                               (Test) and 2 (Maintenance). Min=0, Max=2,
                               Default=2
   MergeMode: Mode to place the version in after a merge has occurred.
                     Values are: 0 (Production), 1 (Test) and 2
                     (Maintenance). Min=0, Max=2, Default=2
databaseServerName             Read-only name of the database server.
   DatabaseServerName: Read-only name of the database server.
databaseInstanceName           Read-only name of the database instance.
   DatabaseInstanceName: Read-only name of the database instance.
databaseName                   Read-only name of the database.
   DatabaseName: Read-only name of the database.
failoverPartnerServerName      Read-only name of the database server.
   FailoverPartnerServerName: Read-only name of the database server.
failoverPartnerInstanceName    Read-only name of the database server
                               instance.
```

```
              FailoverPartnerInstanceName: Read-only name of the database server
                            instance.
         multiSubnetFailover        Read-only Database MultiSubnetFailover value
           MultiSubnetFailover: Read-only Database MultiSubnetFailover value
         role                          Read-only Role of the user for this item.
                                       100 is Farm Administrator, and 999 is read-
                                       only. Default=999
           Role: Read-only Role of the user for this item. 100 is Farm
                            Administrator, and 999 is read-only. Default=999
       records                          If successful, records retrieved.
         PvsFarm[]: If successful, the PvsFarm object(s) are returned.
```

Mcli-Get FarmView

```
    Get the fields for a Farm View or all Farm Views in the Farm. All Farm
      Views are returned if no parameters are passed.
```
Get-PvsFarmView
```
    Get the fields for a Farm View or all Farm Views in the Farm. All Farm
      Views are returned if no parameters are passed.
       -p                            Parameters needed for the Get.
        One of these optional
         farmViewId                  GUID of the Farm View to Get.
           Guid[] Guid or FarmViewId: GUID of the Farm View to Get.
         farmViewName                Name of the Farm View to Get.
           string[] Name or FarmViewName: Name of the Farm View to Get.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
             FarmViewId
       -s                            Name of field to sort on. If not included,
                                     the first field listed is used. Append a - to
                                     the field name to get descending order.
         farmViewName                name of the Farm View. Max Length=50
         description                 User description. Default="" Max Length=250
         deviceCount                 Read-only count of Devices in this Farm
                                      View. Default=0
         activeDeviceCount           Read-only count of active Devices in this
                                      Farm View. Default=0
       -f                            List of fields to retrieve, if not included,
                                     all fields are retrieved.
         If only selected fields are needed, pass them in the Fields parameter
                        as a string array.
         farmViewId                  Read-only GUID that uniquely identifies this
                                      Farm View. Length=36
           Guid or FarmViewId: Read-only GUID that uniquely identifies this Farm
                         View.
         farmViewName                name of the Farm View. Max Length=50
           Name or FarmViewName: name of the Farm View. Max Length=50
         description                 User description. Default="" Max Length=250
           Description: User description. Default="" Max Length=250
         deviceCount                 Read-only count of Devices in this Farm
                                      View. Default=0
           DeviceCount: Read-only count of Devices in this Farm View. Default=0
         activeDeviceCount           Read-only count of active Devices in this
                                      Farm View. Default=0
           ActiveDeviceCount: Read-only count of active Devices in this Farm
                         View. Default=0
```

```
          makActivateNeededCount     Read-only count of active Devices that need
                                     MAK activation in this Farm View. Default=0
            MakActivateNeededCount: Read-only count of active Devices that need
                            MAK activation in this Farm View. Default=0
    records                          If successful, records retrieved.
       PvsFarmView[]: If successful, the PvsFarmView object(s) are returned.
```

Mcli-Get NewVersionDisks

```
    Get new Disk versions for the Store on the Server specified.
```

Get-PvsNewDiskVersion

```
    Get new Disk versions for the Store on the Server specified.
     -p                               Parameters needed for the Get.
       One of these required
         serverId                     GUID of the Server to look for new Disk
                                      versions.
           Guid[] ServerId: GUID of the Server to look for new Disk versions.
         serverName                   Name of the Server to look for new Disk
                                      versions.
           string[] ServerName: Name of the Server to look for new Disk
                            versions.
       One of these required
         storeId                      GUID of the Store that the Server services
                                      to look for new Disk versions.
           Guid[] StoreId: GUID of the Store that the Server services to look
                            for new Disk versions.
         storeName                    Name of the Store that the Server services
                                      to look for new Disk versions.
           string[] StoreName: Name of the Store that the Server services to
                            look for new Disk versions.
       Optional
         autoAddEnabled               1 when undefined Disk versions found should
                                      be automatically added, 0 otherwise.
                                      Default=0
           SwitchParameter AutoAddEnabled: If -AutoAddEnabled is specified,
                            undefined Disk versions found will be automatically
                            added.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                            the Object parameter or from a pileline:
             ServerId or StoreId
     -s                               Name of field to sort on. If not included,
                                      the first field listed is used. Append a - to
                                      the field name to get descending order.
       name                           Name of the disk file without the extension.
     -f                               List of fields to retrieve, if not included,
                                      all fields are retrieved.
       If only selected fields are needed, pass them in the Fields parameter
                            as a string array.
       name                           Name of the disk file without the extension.
         Name: Name of the disk file without the extension.
       status                         Status of the disk file. Values are: 0
                                      (Valid), 1 (Missing Properties File), 2
                                      (Access Denied), 3 (Access Denied and
                                      Missing Properties File), 4 (Invalid Disk
                                      File), 5 (Manifest Invalid)
```

```
             Status: Status of the disk file. Values are: 0 (Valid), 1 (Missing
                            Properties File), 2 (Access Denied), 3 (Access
                            Denied and Missing Properties File), 4 (Invalid Disk
                            File), 5 (Manifest Invalid)
     records                          If successful, records retrieved.
      PvsNewDiskVersion[]: If successful, the PvsNewDiskVersion object(s) are
                        returned.
```

Mcli-Get Server

Get the fields for a Server, all Servers in a Site that use a Store,
service a DiskLocator, or for the whole Farm. All Servers are returned if
no parameters are passed.

Get-PvsServer

```
Get the fields for a Server, all Servers in a Site that use a Store,
service a DiskLocator, or for the whole Farm. All Servers are returned if
no parameters are passed.
 -p                               Parameters needed for the Get.
  One of these optional
   serverId                       GUID of the Server to Get.
     Guid[] Guid or ServerId: GUID of the Server to Get.
   serverName                     Name of the Server to Get.
     string[] Name or ServerName: Name of the Server to Get.
   siteId                         GUID of the Site to Get all Servers.
     Guid[] SiteId: GUID of the Site to Get all Servers.
   siteName                       Name of the Site to Get all Servers.
     string[] SiteName: Name of the Site to Get all Servers.
   diskLocatorId                  GUID of the Disk Locator to Get all Servers.
     Guid[] DiskLocatorId: GUID of the Disk Locator to Get all Servers.
  or this optional & resolution
   diskLocatorName                Name of the Disk Locator File to Get all
                                   Servers.
     string[] DiskLocatorName: Name of the Disk Locator File to Get all
                        Servers.
  One of these optional & resolutions
   storeId                        GUID of the Store to Get all Servers.
     Guid[] StoreId: GUID of the Store to Get all Servers.
   storeName                      Name of the Store to Get all Servers.
     string[] StoreName: Name of the Store to Get all Servers.
  Optional
   all                            Set to 1 with storeId or storeName to Get
                                   all Servers for the Store including ones
                                   with invalid paths.
     SwitchParameter All: If -All is specified, with StoreId or StoreName
                        all Servers for the Store including ones with
                        invalid paths will be returned.
  One of these resolutions when needed
   siteId                         GUID of the Site.
     Guid[] SiteId: GUID of the Site to Get all Servers.
   siteName                       Name of the Site.
     string[] SiteName: Name of the Site to Get all Servers.
  One of these resolutions when needed
   storeId                        GUID of the Store that is needed when a
                                   diskLocatorName is used.
     Guid[] StoreId: GUID of the Store to Get all Servers.
   storeName                      Name of the Store that is needed when a
                                   diskLocatorName is used.
```

string[] StoreName: Name of the Store to Get all Servers.
    Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        ServerId, SiteId, DiskLocatorId or StoreId
  -s   Name of field to sort on. If not included,
                                  the first field listed is used. Append a - to
                                  the field name to get descending order.
    serverName   Computer name with no spaces. ASCII computer
                                   name characters Max Length=21
    description   User description. Default="" Max Length=250
    adMaxPasswordAge   Number of days before a password expires.
                                  Min=1, Max=30, Default=7
    licenseTimeout   Amount of seconds before a license times
                                  out. Min=15, Max=300, Default=30
    vDiskCreatePacing   VDisk create time pacing in miliseconds.
                                  Min=0, Max=5, Default=0
    firstPort   Number of the first UDP port for use by the
                                   Stream Service, First and Last must allow at
                                   least 5 ports. Min=1025, Max=65534,
                                   Default=6910
    lastPort   Number of the last UDP port for use by the
                                   Stream Service, First and Last must allow at
                                   least 5 ports. Min=1025, Max=65534,
                                   Default=6930
    threadsPerPort   Number of worker threads per IO port.
                                   Required that (threadPerPort * numberPorts *
                                   numberIPs) <= 1000. Min=1, Max=60, Default=8
    buffersPerThread   Number of buffers per worker thread. Min=1,
                                   Max=128, Default=24
    serverCacheTimeout   Number of seconds to wait before considering
                                   another Server is down. Min=5, Max=60,
                                   Default=8
    ioBurstSize   Number of bytes read/writes can send in a
                                   burst of packets. Required that
                                   ioBurstSize/(maxTransmissionUnits-76)<=32.
                                   Min=4096, Max=61440, Default=32768
    maxTransmissionUnits   Ethernet maximum transmission unit size for
                                   the protocol for use for Server and Device.
                                   Required that
                                   ioBurstSize/(maxTransmissionUnits-76)<=32.
                                   Min=502, Max=16426, Default=1506
    maxBootDevicesAllowed   Maximum number of Devices allowed to boot
                                    simultaneously. Min=1, Max=1000, Default=500
    maxBootSeconds   Maximum number of seconds for a Device to
                                   boot. Min=10, Max=900, Default=60
    bootPauseSeconds   Number of seconds that a Device will pause
                                   during login if its server busy. Min=1,
                                   Max=60, Default=10
    adMaxPasswordAgeEnabled   Age the password, when set to 1. Default=0
  -f   List of fields to retrieve, if not included,
                                  all fields are retrieved.
If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
    serverId   Read-only GUID that uniquely identifies this
                                   Server. Length=36

Guid or ServerId: Read-only GUID that uniquely identifies this
                   Server.
serverName   Computer name with no spaces. ASCII computer
                        name characters Max Length=21
 Name or ServerName: Computer name with no spaces. ASCII computer name
                   characters Max Length=21
siteId   GUID of the Site this Server is to be a
                        member of. It is not used with siteName.
                        Length=36
 SiteId: GUID of the Site this Server is to be a member of. It is not
                   used with SiteName.
siteName   Name of the Site this Server is to be a
                        member of. It is not used with siteId.
 SiteName: Name of the Site this Server is to be a member of. It is
                   not used with SiteId.
description   User description. Default="" Max Length=250
 Description: User description. Default="" Max Length=250
adMaxPasswordAge   Number of days before a password expires.
                        Min=1, Max=30, Default=7
 AdMaxPasswordAge: Number of days before a password expires. Min=1,
                   Max=30, Default=7
licenseTimeout   Amount of seconds before a license times
                        out. Min=15, Max=300, Default=30
 LicenseTimeout: Amount of seconds before a license times out. Min=15,
                   Max=300, Default=30
vDiskCreatePacing   VDisk create time pacing in miliseconds.
                        Min=0, Max=5, Default=0
 VDiskCreatePacing: VDisk create time pacing in miliseconds. Min=0,
                   Max=5, Default=0
firstPort   Number of the first UDP port for use by the
                        Stream Service, First and Last must allow at
                        least 5 ports. Min=1025, Max=65534,
                        Default=6910
 FirstPort: Number of the first UDP port for use by the Stream
                   Service, First and Last must allow at least 5 ports.
                   Min=1025, Max=65534, Default=6910
lastPort   Number of the last UDP port for use by the
                        Stream Service, First and Last must allow at
                        least 5 ports. Min=1025, Max=65534,
                        Default=6930
 LastPort: Number of the last UDP port for use by the Stream Service,
                   First and Last must allow at least 5 ports.
                   Min=1025, Max=65534, Default=6930
threadsPerPort   Number of worker threads per IO port.
                        Required that (threadPerPort * numberPorts *
                        numberIPs) <= 1000. Min=1, Max=60, Default=8
 ThreadsPerPort: Number of worker threads per IO port. Required that
                   (threadPerPort * numberPorts * numberIPs) <= 1000.
                   Min=1, Max=60, Default=8
buffersPerThread   Number of buffers per worker thread. Min=1,
                        Max=128, Default=24
 BuffersPerThread: Number of buffers per worker thread. Min=1,
                   Max=128, Default=24
serverCacheTimeout   Number of seconds to wait before considering
                        another Server is down. Min=5, Max=60,
                        Default=8

ServerCacheTimeout: Number of seconds to wait before considering
                        another Server is down. Min=5, Max=60, Default=8
ioBurstSize   Number of bytes read/writes can send in a
                        burst of packets. Required that
                        ioBurstSize/(maxTransmissionUnits-76)<=32.
                        Min=4096, Max=61440, Default=32768
    IoBurstSize: Number of bytes read/writes can send in a burst of
                        packets. Required that
                        IoBurstSize/(MaxTransmissionUnits-76)<=32. Min=4096,
                        Max=61440, Default=32768
maxTransmissionUnits   Ethernet maximum transmission unit size for
                        the protocol for use for Server and Device.
                        Required that
                        ioBurstSize/(maxTransmissionUnits-76)<=32.
                        Min=502, Max=16426, Default=1506
    MaxTransmissionUnits: Ethernet maximum transmission unit size for the
                        protocol for use for Server and Device. Required
                        that IoBurstSize/(MaxTransmissionUnits-76)<=32.
                        Min=502, Max=16426, Default=1506
maxBootDevicesAllowed   Maximum number of Devices allowed to boot
                        simultaneously. Min=1, Max=1000, Default=500
    MaxBootDevicesAllowed: Maximum number of Devices allowed to boot
                        simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds   Maximum number of seconds for a Device to
                        boot. Min=10, Max=900, Default=60
    MaxBootSeconds: Maximum number of seconds for a Device to boot.
                        Min=10, Max=900, Default=60
bootPauseSeconds   Number of seconds that a Device will pause
                        during login if its server busy. Min=1,
                        Max=60, Default=10
    BootPauseSeconds: Number of seconds that a Device will pause during
                        login if its server busy. Min=1, Max=60, Default=10
adMaxPasswordAgeEnabled   Age the password, when set to 1. Default=0
    AdMaxPasswordAgeEnabled: Age the password, when set to true.
                        Default=false
eventLoggingEnabled   Enable event logging, when set to 1.
                        Default=0
    EventLoggingEnabled: Enable event logging, when set to true.
                        Default=false
nonBlockingIoEnabled   Use non-Blocking IO, when set to 1.
                        Default=1
    NonBlockingIoEnabled: Use non-Blocking IO, when set to true.
                        Default=true
role   Read-only Role of the user for this item.
                        100 is Farm Administrator, and 200 is Site
                        Administrator. Default=999
    Role: Read-only Role of the user for this item. 100 is Farm
                        Administrator, and 200 is Site Administrator.
                        Default=999
ip   One or more streaming ip addresses. If more
                        than one ip is included, the ip addresses
                        are comma delimited.
    Ip: One or more streaming ip addresses.
initialQueryConnectionPoolSize Initial size of database connection
                        pool for non-transactional queries. Min=1,
                        Max=1000, Default=50

InitialQueryConnectionPoolSize: Initial size of database connection
                    pool for non-transactional queries. Min=1, Max=1000,
                    Default=50

initialTransactionConnectionPoolSize   Initial size of database
                        connection pool for transactional queries.
                        Min=1, Max=1000, Default=50

InitialTransactionConnectionPoolSize: Initial size of database
                    connection pool for transactional queries. Min=1,
                    Max=1000, Default=50

maxQueryConnectionPoolSize   Maximum size of database connection pool
                        for non-transactional queries. Min=1,
                        Max=32767, Default=1000

MaxQueryConnectionPoolSize: Maximum size of database connection pool
                    for non-transactional queries. Min=1, Max=32767,
                    Default=1000

maxTransactionConnectionPoolSize   Maximum size of database connection
                        pool for transactional queries. Min=1,
                        Max=32767, Default=1000

MaxTransactionConnectionPoolSize: Maximum size of database connection
                    pool for transactional queries. Min=1, Max=32767,
                    Default=1000

refreshInterval   Interval, in number of seconds, the server
                        should wait before refreshing settings. If
                        set to 0, unused database connections are
                        never released. Min=0, Max=32767,
                        Default=300

RefreshInterval: Interval, in number of seconds, the server should
                    wait before refreshing settings. If set to 0, unused
                    database connections are never released. Min=0,
                    Max=32767, Default=300

unusedDbConnectionTimeout   Interval, in number of seconds, a
                        connection should go unused before it is to
                        be released. Min=0, Max=32767, Default=300

UnusedDbConnectionTimeout: Interval, in number of seconds, a
                    connection should go unused before it is to be
                    released. Min=0, Max=32767, Default=300

busyDbConnectionRetryCount   Number of times a failed database
                        connection will be retried. Min=0,
                        Max=32767, Default=2

BusyDbConnectionRetryCount: Number of times a failed database
                    connection will be retried. Min=0, Max=32767,
                    Default=2

busyDbConnectionRetryInterval   Interval, in number of milliseconds,
                        the server should wait before retrying to
                        connect to a database. Min=0, Max=10000,
                        Default=25

BusyDbConnectionRetryInterval: Interval, in number of milliseconds,
                    the server should wait before retrying to connect to
                    a database. Min=0, Max=10000, Default=25

localConcurrentIoLimit   Maximum concurrent IO transactions it
                        performs for vDisks that are local. A value
                        of 0 disables the feature. Min=0, Max=128,
                        Default=4

LocalConcurrentIoLimit: Maximum concurrent IO transactions it
                    performs for vDisks that are local. A value of 0
                    disables the feature. Min=0, Max=128, Default=4

```
remoteConcurrentIoLimit    Maximum concurrent IO transactions it
                           performs for vDisks that are remote. A value
                           of 0 disables the feature. Min=0, Max=128,
                           Default=4
```

RemoteConcurrentIoLimit: Maximum concurrent IO transactions it performs for vDisks that are remote. A value of 0 disables the feature. Min=0, Max=128, Default=4

```
active                     1 if the Server is currently active, 2 if
                           unknown, and 0 otherwise. Min=0, Max=2,
                           Default=0
```

Active: 1 if the Server is currently active, 2 if unknown, and 0 otherwise. Min=0, Max=2, Default=0

```
logLevel                   Level to perform logging at. Values are: 0
                           (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                           (Info), 5 (Debug), and 6 (Trace). Min=0,
                           Max=6, Default=4
```

LogLevel: Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=4

```
logFileSizeMax             Maximum size log files can reach in
                           Megabytes. Min=1, Max=50, Default=5
```

LogFileSizeMax: Maximum size log files can reach in Megabytes. Min=1, Max=50, Default=5

```
logFileBackupCopiesMax     Maximum number of log file backups. Min=1,
                           Max=50, Default=4
```

LogFileBackupCopiesMax: Maximum number of log file backups. Min=1, Max=50, Default=4

```
powerRating                A strictly relative rating of this Server's
                           capabilities when compared to other Servers
                           in the Store(s) it belongs too; can be used
                           to help tune load balancing. Min=0.1,
                           Max=1000, Default=1
```

PowerRating: A strictly relative rating of this Server's capabilities when compared to other Servers in the Store(s) it belongs too; can be used to help tune load balancing. Min=0.1, Max=1000, Default=1

```
serverFqdn                 Read-only fully qualified domain name.
                           Default=null Max Length=1024
```

ServerFqdn: Read-only fully qualified domain name. Default="" Max Length=1024

```
managementIp               IP address used for management
                           communications between Servers.
                           Default=0.0.0.0
```

ManagementIp: IP address used for management communications between Servers. Default=0.0.0.0

```
lastCeipUploadAttempt      Time that this server last attempted a CEIP
                           upload. Default=null
```

LastCeipUploadAttempt: Time that this server last attempted a CEIP upload. Default=Empty

```
lastBugReportAttempt       Time that this server last attempted to
                           upload or generate a bug report bundle.
                           Default=null
```

LastBugReportAttempt: Time that this server last attempted to upload or generate a bug report bundle. Default=Empty

```
lastBugReportStatus        Status of the last bug report on this
                           server. Default=null Max Length=250
```

```
          LastBugReportStatus: Status of the last bug report on this server.
                         Default="" Max Length=250
       lastBugReportResult       Status of the last bug report on this
                                  server. Default=null Max Length=4000
          LastBugReportResult: Status of the last bug report on this server.
                         Default="" Max Length=4000
       lastBugReportSummary      Summary of the last bug report on this
                                  server. Default=null Max Length=250
          LastBugReportSummary: Summary of the last bug report on this server.
                         Default="" Max Length=250
    records                       If successful, records retrieved.
       PvsServer[]: If successful, the PvsServer object(s) are returned.
```

Mcli-Get ServerBiosBootstrap

```
   Oem Only: Get the bootstrap fields for the Server dell_bios.bin BIOS
     bootstrap file.
```

Get-PvsServerBiosBootstrap

```
   Oem Only: Get the bootstrap fields for the Server dell_bios.bin BIOS
     bootstrap file.
    -p                            Parameters needed for the Get.
     One of these required
       serverId                   GUID of the Server to Get the dell_bios.bin
                                  BIOS bootstrap file from.
          Guid[] Guid or ServerId: GUID of the Server to Get the dell_bios.bin
                        BIOS bootstrap file from.
       serverName                 Name of the Server to Get the dell_bios.bin
                                  BIOS bootstrap file from.
          string[] Name or ServerName: Name of the Server to Get the
                        dell_bios.bin BIOS bootstrap file from.
       Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
            ServerId
    -f                            List of fields to retrieve, if not included,
                                  all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                     as a string array.
       enabled                    Automatically update the BIOS on the target
                                  device with these setting when set to 1,
                                  otherwise do not use these settings.
                                  Default=0
          Enabled: Automatically update the BIOS on the target device with
                        these setting when set to true, otherwise do not use
                        these settings. Default=false
       dhcpEnabled                Use DHCP to retrieve target device IP when
                                  set to 1, otherwise use the static domain,
                                  dnsIpAddress1 and dnsIpAddress2 settings.
                                  Default=1
          DhcpEnabled: Use DHCP to retrieve target device IP when set to true,
                        otherwise use the static domain, dnsIpAddresstrue
                        and dnsIpAddress2 settings. Default=true
       lookup                     Use DNS to find the Server when set to 1
                                  with the serverName host value, otherwise
                                  use the bootserver1_Ip, bootserver1_Port,
                                  bootserver2_Ip, bootserver2_Port,
                                  bootserver3_Ip, bootserver3_Port,
```

```
                         bootserver4_Ip, and bootserver4_Port
                         settings. Default=1
  Lookup: Use DNS to find the Server when set to true with the
                   ServerName host value, otherwise use the
                   bootservertrue_Ip, bootservertrue_Port,
                   bootserver2_Ip, bootserver2_Port, bootserver3_Ip,
                   bootserver3_Port, bootserver4_Ip, and
                   bootserver4_Port settings. Default=true
verboseMode              Display verbose diagnostic information when
                         set to 1. Default=0
  VerboseMode: Display verbose diagnostic information when set to true.
                   Default=false
interruptSafeMode        Interrupt safe mode (use if target device
                         hangs during boot) when set to 1. Default=0
  InterruptSafeMode: Interrupt safe mode (use if target device hangs
                   during boot) when set to true. Default=false
paeMode                  PAE mode (use if PAE enabled in boot.ini of
                         target device) when set to 1. Default=0
  PaeMode: PAE mode (use if PAE enabled in boot.ini of target device)
                   when set to true. Default=false
bootFromHdOnFail         For network recovery reboot to hard drive
                         when set to 1, restore network connection
                         when set to 0. Default=0
  BootFromHdOnFail: For network recovery reboot to hard drive when set
                   to true, restore network connection when set to
                   false. Default=false
recoveryTime             When bootFromHdOnFail is 1, this is the
                         number of seconds to wait before reboot to
                         hard drive. Min=10, Max=60000, Default=50
  RecoveryTime: When bootFromHdOnFail is 1, this is the number of
                   seconds to wait before reboot to hard drive. Min=10,
                   Max=60000, Default=50
pollingTimeout           Login polling timeout in milliseconds.
                         Min=1000, Max=60000, Default=5000
  PollingTimeout: Login polling timeout in milliseconds. Min=1000,
                   Max=60000, Default=5000
generalTimeout           Login general timeout in milliseconds.
                         Min=1000, Max=60000, Default=5000
  GeneralTimeout: Login general timeout in milliseconds. Min=1000,
                   Max=60000, Default=5000
serverName               Host to use for DNS lookup. Only used when
                         lookup is 1. Default=IMAGESERVER1
  Name or ServerName: Host to use for DNS lookup. Only used when Lookup
                   is true. Default=IMAGESERVER1
bootserver1_Ip           1st boot server IP. Only used when lookup is
                         0.
  Bootserver1_Ip: 1st boot server IP. Only used when Lookup is false.
bootserver1_Port         1st boot server port. Only used when lookup
                         is 0. Min=1025, Max=65536, Default=6910
  Bootserver1_Port: 1st boot server port. Only used when Lookup is
                   false. Min=1025, Max=65536, Default=6910
bootserver2_Ip           2nd boot server IP. Only used when lookup is
                         0. Default=0.0.0.0
  Bootserver2_Ip: 2nd boot server IP. Only used when Lookup is false.
                   Default=0.0.0.0
bootserver2_Port         2nd boot server port. Only used when lookup
                         is 0. Min=1025, Max=65536, Default=6910
```

```
             Bootserver2_Port: 2nd boot server port. Only used when Lookup is
                       false. Min=1025, Max=65536, Default=6910
      bootserver3_Ip           3rd boot server IP. Only used when lookup is
                                0. Default=0.0.0.0
        Bootserver3_Ip: 3rd boot server IP. Only used when Lookup is false.
                       Default=0.0.0.0
      bootserver3_Port         3rd boot server port. Only used when lookup
                                is 0. Min=1025, Max=65536, Default=6910
        Bootserver3_Port: 3rd boot server port. Only used when Lookup is
                       false. Min=1025, Max=65536, Default=6910
      bootserver4_Ip           4th boot server IP. Only used when lookup is
                                0. Default=0.0.0.0
        Bootserver4_Ip: 4th boot server IP. Only used when Lookup is false.
                       Default=0.0.0.0
      bootserver4_Port         4th boot server port. Only used when lookup
                                is 0. Min=1025, Max=65536, Default=6910
        Bootserver4_Port: 4th boot server port. Only used when Lookup is
                       false. Min=1025, Max=65536, Default=6910
      domain                   Domain of the primary and secondary DNS
                                servers. Only used when dhcpEnabled is 0.
        Domain: Domain of the primary and secondary DNS servers. Only used
                       when DhcpEnabled is false.
      dnsIpAddress1            Primary DNS server IP. Only used when
                                dhcpEnabled is 0.
        DnsIpAddress1: Primary DNS server IP. Only used when DhcpEnabled is
                       false.
      dnsIpAddress2            Secondary DNS server IP. Only used when
                                dhcpEnabled is 0.
        DnsIpAddress2: Secondary DNS server IP. Only used when DhcpEnabled is
                       false.
    records                    If successful, records retrieved.
      PvsServerBiosBootstrap[]: If successful, the PvsServerBiosBootstrap
                       object(s) are returned.
```

Mcli-Get ServerBootstrap

```
  Get the bootstrap fields for the Server and named bootstrap file specified.
```
Get-PvsServerBootstrap
```
  Get the bootstrap fields for the Server and named bootstrap file specified.
    -p                         Parameters needed for the Get.
     One of these required
      serverId                 GUID of the Server to Get the named
                                bootstrap file from.
        Guid[] Guid or ServerId: GUID of the Server to Get the named
                       bootstrap file from.
      serverName               Name of the Server to Get the named
                                bootstrap file from.
        string[] ServerName: Name of the Server to Get the named bootstrap
                       file from.
     This required
      name                     Name of the bootstrap file.
        string[] Name: Name of the bootstrap file.
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
         (ServerId and Name) or ServerId
```

```
       -f                              List of fields to retrieve, if not included,
                                       all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
        bootserver1_Ip              1st boot server IP.
          Bootserver1_Ip: 1st boot server IP.
        bootserver1_Netmask         1st boot server netmask. Default=0.0.0.0
          Bootserver1_Netmask: 1st boot server netmask. Default=0.0.0.0
        bootserver1_Gateway         1st boot server gateway. Default=0.0.0.0
          Bootserver1_Gateway: 1st boot server gateway. Default=0.0.0.0
        bootserver1_Port            1st boot server port. Min=1025, Max=65536,
                                       Default=6910
          Bootserver1_Port: 1st boot server port. Min=1025, Max=65536,
                       Default=6910
        bootserver2_Ip              2nd boot server IP. Default=0.0.0.0
          Bootserver2_Ip: 2nd boot server IP. Default=0.0.0.0
        bootserver2_Netmask         2nd boot server netmask. Default=0.0.0.0
          Bootserver2_Netmask: 2nd boot server netmask. Default=0.0.0.0
        bootserver2_Gateway         2nd boot server gateway. Default=0.0.0.0
          Bootserver2_Gateway: 2nd boot server gateway. Default=0.0.0.0
        bootserver2_Port            2nd boot server port. Min=1025, Max=65536,
                                       Default=6910
          Bootserver2_Port: 2nd boot server port. Min=1025, Max=65536,
                       Default=6910
        bootserver3_Ip              3rd boot server IP. Default=0.0.0.0
          Bootserver3_Ip: 3rd boot server IP. Default=0.0.0.0
        bootserver3_Netmask         3rd boot server netmask. Default=0.0.0.0
          Bootserver3_Netmask: 3rd boot server netmask. Default=0.0.0.0
        bootserver3_Gateway         3rd boot server gateway. Default=0.0.0.0
          Bootserver3_Gateway: 3rd boot server gateway. Default=0.0.0.0
        bootserver3_Port            3rd boot server port. Min=1025, Max=65536,
                                       Default=6910
          Bootserver3_Port: 3rd boot server port. Min=1025, Max=65536,
                       Default=6910
        bootserver4_Ip              4th boot server IP. Default=0.0.0.0
          Bootserver4_Ip: 4th boot server IP. Default=0.0.0.0
        bootserver4_Netmask         4th boot server netmask. Default=0.0.0.0
          Bootserver4_Netmask: 4th boot server netmask. Default=0.0.0.0
        bootserver4_Gateway         4th boot server gateway. Default=0.0.0.0
          Bootserver4_Gateway: 4th boot server gateway. Default=0.0.0.0
        bootserver4_Port            4th boot server port. Min=1025, Max=65536,
                                       Default=6910
          Bootserver4_Port: 4th boot server port. Min=1025, Max=65536,
                       Default=6910
        verboseMode                 Display verbose diagnostic information when
                                       set to 1. Default=0
          VerboseMode: Display verbose diagnostic information when set to true.
                       Default=false
        interruptSafeMode           Interrupt safe mode (use if target device
                                       hangs during boot) when set to 1. Default=0
          InterruptSafeMode: Interrupt safe mode (use if target device hangs
                       during boot) when set to true. Default=false
        paeMode                     PAE mode (use if PAE enabled in boot.ini of
                                       target device) when set to 1. Default=0
          PaeMode: PAE mode (use if PAE enabled in boot.ini of target device)
                       when set to true. Default=false
```

```
    bootFromHdOnFail               For network recovery reboot to hard drive
                                   when set to 1, restore network connection
                                   when set to 0. Default=0
      BootFromHdOnFail: For network recovery reboot to hard drive when set
                        to true, restore network connection when set to
                        false. Default=false
    recoveryTime                   When bootFromHdOnFail is 1, this is the
                                   number of seconds to wait before reboot to
                                   hard drive. Min=10, Max=60000, Default=50
      RecoveryTime: When bootFromHdOnFail is 1, this is the number of
                    seconds to wait before reboot to hard drive. Min=10,
                    Max=60000, Default=50
    pollingTimeout                 Login polling timeout in milliseconds.
                                   Min=1000, Max=60000, Default=5000
      PollingTimeout: Login polling timeout in milliseconds. Min=1000,
                      Max=60000, Default=5000
    generalTimeout                 Login general timeout in milliseconds.
                                   Min=1000, Max=60000, Default=5000
      GeneralTimeout: Login general timeout in milliseconds. Min=1000,
                      Max=60000, Default=5000
  records                          If successful, records retrieved.
    PvsServerBootstrap[]: If successful, the PvsServerBootstrap object(s)
                          are returned.
```

Mcli-Get ServerBootstrapNames

```
  Get the bootstrap names for a Server.
```

Get-PvsServerBootstrapName

```
  Get the bootstrap names for a Server.
    -p                             Parameters needed for the Get.
     One of these required
      serverId                     GUID of the Server to Get bootstrap names
                                   for.
        Guid[] Guid or ServerId: GUID of the Server to Get bootstrap names
                        for.
      serverName                   Name of the Server to Get bootstrap names
                                   for.
        string[] Name or ServerName: Name of the Server to Get bootstrap
                        names for.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
          ServerId
    -f                             List of fields to retrieve, if not included,
                                   all fields are retrieved.
      name                         Bootstrap file name.
        Name: Bootstrap file name.
  records                          If successful, records retrieved.
    PvsServerBootstrapName[]: If successful, the PvsServerBootstrapName
                        object(s) are returned.
```

Mcli-Get ServerInfo

```
  Get the fields and status for a Server, all Servers in a Site that use a
    Store, service a DiskLocator, or for the whole Farm. All Servers are
    returned if no parameters are passed.
```

Get-PvsServerInfo

Get the fields and status for a Server, all Servers in a Site that use a
   Store, service a DiskLocator, or for the whole Farm. All Servers are
   returned if no parameters are passed.
  -p   Parameters needed for the Get.
   One of these optional
    serverId   GUID of the Server to Get.
     Guid[] Guid or ServerId: GUID of the Server to Get.
    serverName   Name of the Server to Get.
     string[] Name or ServerName: Name of the Server to Get.
    siteId   GUID of the Site to Get all Servers.
     Guid[] SiteId: GUID of the Site to Get all Servers.
    siteName   Name of the Site to Get all Servers.
     string[] SiteName: Name of the Site to Get all Servers.
    diskLocatorId   GUID of the Disk Locator to Get all Servers.
     Guid[] DiskLocatorId: GUID of the Disk Locator to Get all Servers.
   or this optional & resolution
    diskLocatorName   Name of the Disk Locator File to Get all
                                  Servers.
      string[] DiskLocatorName: Name of the Disk Locator File to Get all
                      Servers.
   One of these optional & resolutions
    storeId   GUID of the Store to Get all Servers.
     Guid[] StoreId: GUID of the Store to Get all Servers.
    storeName   Name of the Store to Get all Servers.
     string[] StoreName: Name of the Store to Get all Servers.
   Optional
    all   Set to 1 with storeId or storeName to Get
                                  all Servers for the Store including ones
                                  with invalid paths.
      SwitchParameter All: If -All is specified, with StoreId or StoreName
                     all Servers for the Store including ones with
                     invalid paths will be returned.
   One of these resolutions when needed
    siteId   GUID of the Site.
     Guid[] SiteId: GUID of the Site to Get all Servers.
    siteName   Name of the Site.
     string[] SiteName: Name of the Site to Get all Servers.
   One of these resolutions when needed
    storeId   GUID of the Store that is needed when a
                                  diskLocatorName is used.
     Guid[] StoreId: GUID of the Store to Get all Servers.
    storeName   Name of the Store that is needed when a
                                  diskLocatorName is used.
     string[] StoreName: Name of the Store to Get all Servers.
   Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                     the Object parameter or from a pileline:
      ServerId, SiteId, DiskLocatorId or StoreId
  -s   Name of field to sort on. If not included,
                                  the first field listed is used. Append a - to
                                  the field name to get descending order.
    serverName   Computer name with no spaces. ASCII computer
                                  name characters Max Length=21
    description   User description. Default="" Max Length=250
    adMaxPasswordAge   Number of days before a password expires.
                                  Min=1, Max=30, Default=7

licenseTimeout	Amount of seconds before a license times out. Min=15, Max=300, Default=30
vDiskCreatePacing	VDisk create time pacing in miliseconds. Min=0, Max=5, Default=0
firstPort	Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910
lastPort	Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930
threadsPerPort	Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8
buffersPerThread	Number of buffers per worker thread. Min=1, Max=128, Default=24
serverCacheTimeout	Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8
ioBurstSize	Number of bytes read/writes can send in a burst of packets. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=4096, Max=61440, Default=32768
maxTransmissionUnits	Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=502, Max=16426, Default=1506
maxBootDevicesAllowed	Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds	Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60
bootPauseSeconds	Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10
adMaxPasswordAgeEnabled	Age the password, when set to 1. Default=0
-f	List of fields to retrieve, if not included, all fields are retrieved.

If only selected fields are needed, pass them in the Fields parameter as a string array.

serverId	Read-only GUID that uniquely identifies this Server. Length=36

Guid or ServerId: Read-only GUID that uniquely identifies this Server.

serverName	Computer name with no spaces. ASCII computer name characters Max Length=21

Name or ServerName: Computer name with no spaces. ASCII computer name characters Max Length=21

siteId	GUID of the Site this Server is to be a member of. It is not used with siteName. Length=36

SiteId: GUID of the Site this Server is to be a member of. It is not used with SiteName.

siteName	Name of the Site this Server is to be a member of. It is not used with siteId.

SiteName: Name of the Site this Server is to be a member of. It is not used with SiteId.

description   User description. Default="" Max Length=250

Description: User description. Default="" Max Length=250

adMaxPasswordAge   Number of days before a password expires. Min=1, Max=30, Default=7

AdMaxPasswordAge: Number of days before a password expires. Min=1, Max=30, Default=7

licenseTimeout   Amount of seconds before a license times out. Min=15, Max=300, Default=30

LicenseTimeout: Amount of seconds before a license times out. Min=15, Max=300, Default=30

vDiskCreatePacing   VDisk create time pacing in miliseconds. Min=0, Max=5, Default=0

VDiskCreatePacing: VDisk create time pacing in miliseconds. Min=0, Max=5, Default=0

firstPort   Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910

FirstPort: Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910

lastPort   Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930

LastPort: Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930

threadsPerPort   Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8

ThreadsPerPort: Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8

buffersPerThread   Number of buffers per worker thread. Min=1, Max=128, Default=24

BuffersPerThread: Number of buffers per worker thread. Min=1, Max=128, Default=24

serverCacheTimeout   Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8

ServerCacheTimeout: Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8

ioBurstSize   Number of bytes read/writes can send in a burst of packets. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=4096, Max=61440, Default=32768

IoBurstSize: Number of bytes read/writes can send in a burst of packets. Required that IoBurstSize/(MaxTransmissionUnits-76)<=32. Min=4096, Max=61440, Default=32768

maxTransmissionUnits Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that

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```
                        ioBurstSize/(maxTransmissionUnits-76)<=32.
                        Min=502, Max=16426, Default=1506
  MaxTransmissionUnits: Ethernet maximum transmission unit size for the
                   protocol for use for Server and Device. Required
                   that IoBurstSize/(MaxTransmissionUnits-76)<=32.
                   Min=502, Max=16426, Default=1506
maxBootDevicesAllowed      Maximum number of Devices allowed to boot
                        simultaneously. Min=1, Max=1000, Default=500
  MaxBootDevicesAllowed: Maximum number of Devices allowed to boot
                   simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds             Maximum number of seconds for a Device to
                        boot. Min=10, Max=900, Default=60
  MaxBootSeconds: Maximum number of seconds for a Device to boot.
                   Min=10, Max=900, Default=60
bootPauseSeconds           Number of seconds that a Device will pause
                        during login if its server busy. Min=1,
                        Max=60, Default=10
  BootPauseSeconds: Number of seconds that a Device will pause during
                   login if its server busy. Min=1, Max=60, Default=10
adMaxPasswordAgeEnabled   Age the password, when set to 1. Default=0
  AdMaxPasswordAgeEnabled: Age the password, when set to true.
                   Default=false
eventLoggingEnabled        Enable event logging, when set to 1.
                        Default=0
  EventLoggingEnabled: Enable event logging, when set to true.
                   Default=false
nonBlockingIoEnabled       Use non-Blocking IO, when set to 1.
                        Default=1
  NonBlockingIoEnabled: Use non-Blocking IO, when set to true.
                   Default=true
role                       Read-only Role of the user for this item.
                        100 is Farm Administrator, and 200 is Site
                        Administrator. Default=999
  Role: Read-only Role of the user for this item. 100 is Farm
                   Administrator, and 200 is Site Administrator.
                   Default=999
ip                         One or more streaming ip addresses. If more
                        than one ip is included, the ip addresses
                        are comma delimited.
  Ip: One or more streaming ip addresses.
initialQueryConnectionPoolSize  Initial size of database connection
                        pool for non-transactional queries. Min=1,
                        Max=1000, Default=50
  InitialQueryConnectionPoolSize: Initial size of database connection
                   pool for non-transactional queries. Min=1, Max=1000,
                   Default=50
initialTransactionConnectionPoolSize  Initial size of database
                        connection pool for transactional queries.
                        Min=1, Max=1000, Default=50
  InitialTransactionConnectionPoolSize: Initial size of database
                   connection pool for transactional queries. Min=1,
                   Max=1000, Default=50
maxQueryConnectionPoolSize  Maximum size of database connection pool
                        for non-transactional queries. Min=1,
                        Max=32767, Default=1000
```

MaxQueryConnectionPoolSize: Maximum size of database connection pool
                for non-transactional queries. Min=1, Max=32767,
                Default=1000
maxTransactionConnectionPoolSize Maximum size of database connection
                pool for transactional queries. Min=1,
                Max=32767, Default=1000
MaxTransactionConnectionPoolSize: Maximum size of database connection
                pool for transactional queries. Min=1, Max=32767,
                Default=1000
refreshInterval   Interval, in number of seconds, the server
                should wait before refreshing settings. If
                set to 0, unused database connections are
                never released. Min=0, Max=32767,
                Default=300
RefreshInterval: Interval, in number of seconds, the server should
                wait before refreshing settings. If set to 0, unused
                database connections are never released. Min=0,
                Max=32767, Default=300
unusedDbConnectionTimeout Interval, in number of seconds, a
                connection should go unused before it is to
                be released. Min=0, Max=32767, Default=300
UnusedDbConnectionTimeout: Interval, in number of seconds, a
                connection should go unused before it is to be
                released. Min=0, Max=32767, Default=300
busyDbConnectionRetryCount Number of times a failed database
                connection will be retried. Min=0,
                Max=32767, Default=2
BusyDbConnectionRetryCount: Number of times a failed database
                connection will be retried. Min=0, Max=32767,
                Default=2
busyDbConnectionRetryInterval Interval, in number of milliseconds,
                the server should wait before retrying to
                connect to a database. Min=0, Max=10000,
                Default=25
BusyDbConnectionRetryInterval: Interval, in number of milliseconds,
                the server should wait before retrying to connect to
                a database. Min=0, Max=10000, Default=25
localConcurrentIoLimit   Maximum concurrent IO transactions it
                performs for vDisks that are local. A value
                of 0 disables the feature. Min=0, Max=128,
                Default=4
LocalConcurrentIoLimit: Maximum concurrent IO transactions it
                performs for vDisks that are local. A value of 0
                disables the feature. Min=0, Max=128, Default=4
remoteConcurrentIoLimit   Maximum concurrent IO transactions it
                performs for vDisks that are remote. A value
                of 0 disables the feature. Min=0, Max=128,
                Default=4
RemoteConcurrentIoLimit: Maximum concurrent IO transactions it
                performs for vDisks that are remote. A value of 0
                disables the feature. Min=0, Max=128, Default=4
active   1 if the Server is currently active, 2 if
                unknown, and 0 otherwise. Min=0, Max=2,
                Default=0
Active: 1 if the Server is currently active, 2 if unknown, and 0
                otherwise. Min=0, Max=2, Default=0

```
logLevel                    Level to perform logging at. Values are: 0
                            (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                            (Info), 5 (Debug), and 6 (Trace). Min=0,
                            Max=6, Default=4
  LogLevel: Level to perform logging at. Values are: 0 (None), 1
                  (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                  (Debug), and 6 (Trace). Min=0, Max=6, Default=4
logFileSizeMax              Maximum size log files can reach in
                            Megabytes. Min=1, Max=50, Default=5
  LogFileSizeMax: Maximum size log files can reach in Megabytes. Min=1,
                  Max=50, Default=5
logFileBackupCopiesMax      Maximum number of log file backups. Min=1,
                            Max=50, Default=4
  LogFileBackupCopiesMax: Maximum number of log file backups. Min=1,
                  Max=50, Default=4
powerRating                 A strictly relative rating of this Server's
                            capabilities when compared to other Servers
                            in the Store(s) it belongs too; can be used
                            to help tune load balancing. Min=0.1,
                            Max=1000, Default=1
  PowerRating: A strictly relative rating of this Server's capabilities
                  when compared to other Servers in the Store(s) it
                  belongs too; can be used to help tune load
                  balancing. Min=0.1, Max=1000, Default=1
serverFqdn                  Read-only fully qualified domain name.
                            Default=null Max Length=1024
  ServerFqdn: Read-only fully qualified domain name. Default="" Max
                  Length=1024
managementIp                IP address used for management
                            communications between Servers.
                            Default=0.0.0.0
  ManagementIp: IP address used for management communications between
                  Servers. Default=0.0.0.0
lastCeipUploadAttempt       Time that this server last attempted a CEIP
                            upload. Default=null
  LastCeipUploadAttempt: Time that this server last attempted a CEIP
                  upload. Default=Empty
lastBugReportAttempt        Time that this server last attempted to
                            upload or generate a bug report bundle.
                            Default=null
  LastBugReportAttempt: Time that this server last attempted to upload
                  or generate a bug report bundle. Default=Empty
lastBugReportStatus         Status of the last bug report on this
                            server. Default=null Max Length=250
  LastBugReportStatus: Status of the last bug report on this server.
                  Default="" Max Length=250
lastBugReportResult         Status of the last bug report on this
                            server. Default=null Max Length=4000
  LastBugReportResult: Status of the last bug report on this server.
                  Default="" Max Length=4000
lastBugReportSummary        Summary of the last bug report on this
                            server. Default=null Max Length=250
  LastBugReportSummary: Summary of the last bug report on this server.
                  Default="" Max Length=250
contactIp                   Read-only contact IP for the Server.
  ContactIp: Read-only contact IP for the Server.
contactPort                 Read-only contact port for the Server.
```

```
        ContactPort: Read-only contact port for the Server.
     deviceCount              Read-only count of Devices. Default=0
       DeviceCount: Read-only count of Devices. Default=0
   records                    If successful, records retrieved.
     PvsServerInfo[]: If successful, the PvsServerInfo object(s) are
                      returned.
```

Mcli-Get ServerStatus

```
   Get the Server Status fields for a Server.
```
Get-PvsServerStatus
```
   Get the Server Status fields for a Server.
     -p                          Parameters needed for the Get.
      One of these required
       serverId                 GUID of the Server to Get status for.
         Guid[] Guid or ServerId: GUID of the Server to Get status for.
       serverName               Name of Server to Get status for.
         string[] Name or ServerName: Name of Server to Get status for.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
           ServerId
     -f                          List of fields to retrieve, if not included,
                               all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
       serverId                 Read-only GUID of the Server. Can be used
                                  with Get Server. Length=36
         Guid or ServerId: Read-only GUID of the Server. Can be used with Get
                    Server.
       serverName               Read-only Name of the Server. Can be used
                                  with Get Server.
         Name or ServerName: Read-only Name of the Server. Can be used with
                    Get Server.
       ip                       Read-only contact IP for the Server.
         Ip: Read-only contact IP for the Server.
       port                     Read-only contact port for the Server.
         Port: Read-only contact port for the Server.
       deviceCount              Read-only count of Devices. Default=0
         DeviceCount: Read-only count of Devices. Default=0
       status                   Status of the server, 0 if down, 1 if up and
                                  2 if unknown. Default=0
         Status: Status of the server, 0 if down, 1 if up and 2 if unknown.
                    Default=0
   records                    If successful, records retrieved.
     PvsServerStatus[]: If successful, the PvsServerStatus object(s) are
                      returned.
```

Mcli-Get ServerStore

```
   Get the directory and cache paths of a Server for one or all Stores.
```
Get-PvsServerStore
```
   Get the directory and cache paths of a Server for one or all Stores.
     -p                          Parameters needed for the Get.
      One of these required
       serverId                 GUID of a Server.
         Guid[] ServerId: GUID of a Server.
```

```
         serverName                    Name of a Server.
           string[] ServerName: Name of a Server.
        One of these optional
         storeId                       GUID of the Store.
           Guid[] StoreId: GUID of the Store.
         storeName                     Name of the Store.
           string[] StoreName: Name of the Store.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
             (ServerId and StoreId), ServerId or StoreId
    -f                                 List of fields to retrieve, if not included,
                                       all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
         storeId                       GUID of the Store. storeName can be used
                                       instead. Length=36
           StoreId: GUID of the Store. StoreName can be used instead.
         storeName                     Name of the Store. storeId can be used
                                       instead.
           StoreName: Name of the Store. StoreId can be used instead.
         serverId                      GUID of the server that uses the Store.
                                       serverName can be used instead. Length=36
           ServerId: GUID of the server that uses the Store. ServerName can be
                      used instead.
         serverName                    Name of the server that uses the Store.
                                       serverId can be used instead.
           ServerName: Name of the server that uses the Store. ServerId can be
                      used instead.
         path                          Directory path that the Server uses to
                                       access the Store. Default="" Max Length=255
           Path: Directory path that the Server uses to access the Store.
                      Default="" Max Length=255
         cachePath                     Cache path(s) that the Server uses with the
                                       Store. It is an ordered comma-delimited
                                       list. If none are specified the caches will
                                       be placed in the Store cachePath.
                                       Default=None
           CachePath: Cache path(s) that the Server uses with the Store. If none
                      are specified the caches will be placed in the Store
                      cachePath. Default=None
    records                            If successful, records retrieved.
      PvsServerStore[]: If successful, the PvsServerStore object(s) are
                      returned.
```

Mcli-Get Site

```
   Get the fields for a Site or all Sites. All Sites are returned if no
   parameters are passed.
```

Get-PvsSite

```
   Get the fields for a Site or all Sites. All Sites are returned if no
   parameters are passed.
    -p                                 Parameters needed for the Get.
       One of these optional
        siteId                         GUID of the Site to Get.
           Guid[] Guid or SiteId: GUID of the Site to Get.
        siteName                       Name of the Site to Get.
```

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```
     string[] Name or SiteName: Name of the Site to Get.
   Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
      SiteId
-s                               Name of field to sort on. If not included,
                                 the first field listed is used. Append a - to
                                 the field name to get descending order.
   siteName                      Name of the Site. Max Length=50
   description                   User description. Default="" Max Length=250
-f                               List of fields to retrieve, if not included,
                                 all fields are retrieved.
  If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
   siteId                        Read-only GUID that uniquely identifies this
                                 Site. Length=36
    Guid or SiteId: Read-only GUID that uniquely identifies this Site.
   siteName                      Name of the Site. Max Length=50
    Name or SiteName: Name of the Site. Max Length=50
   description                   User description. Default="" Max Length=250
    Description: User description. Default="" Max Length=250
   defaultCollectionId           GUID of the Collection to place new Devices
                                 into automatically. Not used with
                                 defaultCollectionName. Default=null
                                 Length=36
    DefaultCollectionId: GUID of the Collection to place new Devices into
                    automatically. Not used with defaultCollectionName.
                    Default=00000000-0000-0000-0000-000000000000
   defaultCollectionName         Name of the Collection to place new Devices
                                 into automatically. Not used with
                                 defaultCollectionId. Default=null
    DefaultCollectionName: Name of the Collection to place new Devices
                    into automatically. Not used with
                    DefaultCollectionId. Default=""
   inventoryFilePollingInterval  The number of seconds between polls for
                                 Disk changes in the Stores. Min=1, Max=600,
                                 Default=60
    InventoryFilePollingInterval: The number of seconds between polls for
                    Disk changes in the Stores. Min=1, Max=600,
                    Default=60
   enableDiskUpdate              1 when Disk Updated is enabled for the Site,
                                 0 otherwise. Default=0
    EnableDiskUpdate: True when Disk Updated is enabled for the Site,
                    false otherwise. Default=false
   diskUpdateServerId            GUID of the Disk Update Server for the Site.
                                 Not used with diskUpdateServerName.
                                 Default=null Length=36
    DiskUpdateServerId: GUID of the Disk Update Server for the Site. Not
                    used with DiskUpdateServerName. Default=00000000-
                    0000-0000-0000-000000000000
   diskUpdateServerName          Name of the Disk Update Server for the Site.
                                 Not used with diskUpdateServerId.
                                 Default=null
    DiskUpdateServerName: Name of the Disk Update Server for the Site.
                    Not used with DiskUpdateServerId. Default=""
   makUser                       User name used for MAK activation.
                                 Default=null Max Length=64
```

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```
         MakUser: User name used for MAK activation. Default="" Max Length=64
    makPassword              User password used for MAK activation.
                             Default=null Max Length=64
       MakPassword: User password used for MAK activation. Default="" Max
                    Length=64
    role                     Read-only Role of the user for this item.
                             100 is Farm Administrator, 200 is Site
                             Administrator, and 999 is read-only.
                             Default=999
       Role: Read-only Role of the user for this item. 100 is Farm
                    Administrator, 200 is Site Administrator, and 999 is
                    read-only. Default=999
    records                  If successful, records retrieved.
       PvsSite[]: If successful, the PvsSite object(s) are returned.
```

Mcli-Get SiteView

```
Get the fields for a Site View or all Site Views in a Site or the whole
   Farm. All Site Views are returned if no parameters are passed.
```

Get-PvsSiteView

```
Get the fields for a Site View or all Site Views in a Site or the whole
   Farm. All Site Views are returned if no parameters are passed.
   -p                       Parameters needed for the Get.
    One of these optional
     siteViewId              GUID of the Site View to Get.
       Guid[] Guid or SiteViewId: GUID of the Site View to Get.
     siteId                  GUID of the Site to Get all Views for.
       Guid[] SiteId: GUID of the Site to Get all Views for.
     siteName                Name of the Site to Get all Views for.
       string[] SiteName: Name of the Site to Get all Views for.
    or this optional & resolution
     siteViewName            Name of the Site View to Get.
       string[] Name or SiteViewName: Name of the Site View to Get.
    One of these resolutions when needed
     siteId                  GUID of the Site.
       Guid[] SiteId: GUID of the Site to Get all Views for.
     siteName                Name of the Site.
       string[] SiteName: Name of the Site to Get all Views for.
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
         SiteViewId or SiteId
   -s                        Name of field to sort on. If not included,
                             the first field listed is used. Append a - to
                             the field name to get descending order.
     siteViewName            Name of the Site View. Max Length=50
     description             User description. Default="" Max Length=250
     deviceCount             Read-only count of Devices in this Site
                             View. Default=0
     deviceWithPVDCount      Read-only count of Devices with Personal
                             vDisk in this Site View. Default=0
     activeDeviceCount       Read-only count of active Devices in this
                             Site View. Default=0
   -f                        List of fields to retrieve, if not included,
                             all fields are retrieved.
    If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
```

```
    siteViewId              Read-only GUID that uniquely identifies this
                            Site View. Length=36
  Guid or SiteViewId: Read-only GUID that uniquely identifies this Site
                      View.
    siteViewName            Name of the Site View. Max Length=50
   Name or SiteViewName: Name of the Site View. Max Length=50
    siteId                  GUID of the Site this View is to be a member
                            of. It is not used with siteName. Length=36
    SiteId: GUID of the Site this View is to be a member of. It is not
                      used with SiteName.
    siteName                Name of the Site this View is to be a member
                            of. It is not used with siteId.
   SiteName: Name of the Site this View is to be a member of. It is not
                      used with SiteId.
    description             User description. Default="" Max Length=250
    Description: User description. Default="" Max Length=250
    deviceCount             Read-only count of Devices in this Site
                            View. Default=0
    DeviceCount: Read-only count of Devices in this Site View. Default=0
    deviceWithPVDCount      Read-only count of Devices with Personal
                            vDisk in this Site View. Default=0
   DeviceWithPVDCount: Read-only count of Devices with Personal vDisk in
                      this Site View. Default=0
    activeDeviceCount       Read-only count of active Devices in this
                            Site View. Default=0
    ActiveDeviceCount: Read-only count of active Devices in this Site
                      View. Default=0
   makActivateNeededCount   Read-only count of active Devices that need
                            MAK activation in this Site View. Default=0
    MakActivateNeededCount: Read-only count of active Devices that need
                      MAK activation in this Site View. Default=0
    role                    Read-only Role of the user for this item.
                            100 is Farm Administrator, and 200 is Site
                            Administrator. Default=999
    Role: Read-only Role of the user for this item. 100 is Farm
                      Administrator, and 200 is Site Administrator.
                      Default=999
  records                   If successful, records retrieved.
    PvsSiteView[]: If successful, the PvsSiteView object(s) are returned.
```

Mcli-Get Store

```
  Get the fields for a Store or all Stores for a Server, Site or the Farm.
    All Stores are returned if no parameters are passed.
```

Get-PvsStore

```
  Get the fields for a Store or all Stores for a Server, Site or the Farm.
    All Stores are returned if no parameters are passed.
    -p                      Parameters needed for the Get.
     One of these optional
     storeId                GUID of the Store to Get.
       Guid[] Guid or StoreId: GUID of the Store to Get.
     storeName              Name of the Store to Get.
       string[] Name or StoreName: Name of the Store to Get.
     serverId               GUID of the Server to Get all Stores for.
       Guid[] ServerId: GUID of the Server to Get all Stores for.
     serverName             Name of the Server to Get all Stores for.
       string[] ServerName: Name of the Server to Get all Stores for.
```

```
   siteId                        GUID of the Site to Get all Stores for.
    Guid[] SiteId: GUID of the Site to Get all Stores for.
   siteName                      Name of the Site to Get all Stores for.
    string[] SiteName: Name of the Site to Get all Stores for.
   Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
     StoreId, ServerId or SiteId
-s                               Name of field to sort on. If not included,
                                 the first field listed is used. Append a - to
                                 the field name to get descending order.
   storeName                     Name of the Store. Max Length=50
   description                   User description. Default="" Max Length=250
-f                               List of fields to retrieve, if not included,
                                 all fields are retrieved.
 If only selected fields are needed, pass them in the Fields parameter
                  as a string array.
   storeId                       Read-only GUID that uniquely identifies this
                                 Store. Length=36
    Guid or StoreId: Read-only GUID that uniquely identifies this Store.
   storeName                     Name of the Store. Max Length=50
    Name or StoreName: Name of the Store. Max Length=50
   siteId                        GUID of the Site where Administrators of
                                 that Site can change this Store. Not used
                                 for Farm Stores. siteName can be used
                                 instead. Default=null Length=36
    SiteId: GUID of the Site where Administrators of that Site can change
                    this Store. Not used for Farm Stores. SiteName can
                    be used instead. Default=00000000-0000-0000-0000-
                    000000000000
   siteName                      Name of the Site where Administrators of
                                 that Site can change this Store. Not used
                                 for Farm Stores. siteId can be used instead.
                                 Default=null
    SiteName: Name of the Site where Administrators of that Site can
                    change this Store. Not used for Farm Stores. SiteId
                    can be used instead. Default=""
   description                   User description. Default="" Max Length=250
    Description: User description. Default="" Max Length=250
   path                          Default directory path that the Servers use
                                 to access this Store. Max Length=255
    Path: Default directory path that the Servers use to access this
                    Store. Max Length=255
   cachePath                     Default Cache path(s) that the Servers use
                                 with this Store. It is an ordered comma-
                                 delimited list. If none are specified the
                                 caches will be placed in the WriteCache
                                 subdirectory of the Store path. Default=None
    CachePath: Default Cache path(s) that the Servers use with this
                    Store. If none are specified the caches will be
                    placed in the WriteCache subdirectory of the Store
                    path. Default=None
   role                          Read-only Role of the user for this item.
                                 100 is Farm Administrator, 200 is Site
                                 Administrator, and 999 is read-only.
                                 Default=999
```

```
              Role: Read-only Role of the user for this item. 100 is Farm
                      Administrator, 200 is Site Administrator, and 999 is
                      read-only. Default=999
          pathType                    Read-only field indicating if the vdisks are
                                        on a server's local hard disk or on a remote
                                        share.
          PathType: Read-only field indicating if the vdisks are on a server's
                      local hard disk or on a remote share.
      records                          If successful, records retrieved.
        PvsStore[]: If successful, the PvsStore object(s) are returned.
```

Mcli-Get StoreSharedOrServerPath

```
  Get the Stores and paths for the serverName specified or Stores with only
    shared UNC paths.
```

Get-PvsStoreSharedOrServerPath

```
  Get the Stores and paths for the ServerName specified or Stores with only
    shared UNC paths.
    -p                            Parameters needed for the Get.
     One of these required
      siteId                      GUID of a Site used for authorization check.
        Guid[] SiteId: GUID of a Site used for authorization check.
      siteName                    Name of a Site used for authorization check.
        string[] SiteName: Name of a Site used for authorization check.
     Optional
      serverName                  Name of a Server to also get local Store
                                    paths for.
        string[] ServerName: Name of a Server to also get local Store paths
                      for.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
          SiteId
    -s                            Name of field to sort on. If not included,
                                    the first field listed is used. Append a - to
                                    the field name to get descending order.
      storeName                   Name of the Store.
    -f                            List of fields to retrieve, if not included,
                                    all fields are retrieved.
      If only selected fields are needed, pass them in the Fields parameter
                      as a string array.
      storeId                     GUID of the Store.
        StoreId: GUID of the Store.
      storeName                   Name of the Store.
        StoreName: Name of the Store.
      path                        Directory path that the Servers use to
                                    access this Store.
        Path: Directory path that the Servers use to access this Store.
      records                     If successful, records retrieved.
        PvsStoreSharedOrServerPath[]: If successful, the
                      PvsStoreSharedOrServerPath object(s) are returned.
```

Mcli-Get Task

```
  Get the current Task fields for select, or all active and completed un-
    cleared tasks.
```

Get-PvsTask

Get the current Task fields for select, or all active and completed un-
   cleared tasks.
  -p   Parameters needed for the Get.
   One of these optional
    taskId   ID of the Task to get.
      uint TaskId: ID of the Task to get.
    siteId   GUID of the Site to get Tasks for.
      Guid[] SiteId: GUID of the Site to get Tasks for.
    siteName   Name of the Site to get Tasks for.
      string[] SiteName: Name of the Site to get Tasks for.
   Optional
    state   The TaskState to get Tasks for. Values are:
                                0 (Processing), 1 (Cancelled), and 2
                                (Complete).
      uint State: The TaskState to get Tasks for. Values are: 0
                      (Processing), 1 (Cancelled), and 2 (Complete).
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
       TaskId or SiteId
  -s   Name of field to sort on. If not included,
                                the first field listed is used. Append a - to
                                the field name to get descending order.
    taskId   Unique ID of the task.
  -f   List of fields to retrieve, if not included,
                                all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
    taskId   Unique ID of the task.
      TaskId: Unique ID of the task.
    siteId   GUID of the Site that this Task is being
                                processed in. Default=null Length=36
      SiteId: GUID of the Site that this Task is being processed in.
                      Default=00000000-0000-0000-0000-000000000000
    siteName   Name of the Site that that this Task is
                                being processed in.
      SiteName: Name of the Site that that this Task is being processed in.
    handle   Handle to a running function.
      Handle: Handle to a running function.
    serverFqdn   Qualified name of the server. Default=null
                                Max Length=1024
      ServerFqdn: Qualified name of the server. Default="" Max Length=1024
    ip   IP Address of the remote host.
      Ip: IP Address of the remote host.
    port   Port number of the remote service.
      Port: Port number of the remote service.
    startTime   Time the task was started. Format is: YYYY-
                                MM-DD HH:MM:SS.
      StartTime: Time the task was started. Has the date and time without
                      milliseconds.
    expirationTime   Time the task record may be removed from the
                                database if the task does not complete.
                                Format is: YYYY-MM-DD HH:MM:SS.
      ExpirationTime: Time the task record may be removed from the database
                      if the task does not complete. Has the date and time
                      without milliseconds.

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```
       state                          State of the Task. Values are: 0
                                      (Processing), 1 (Cancelled), and 2
                                      (Complete). Min=0, Max=2
        State: State of the Task. Values are: 0 (Processing), 1 (Cancelled),
                      and 2 (Complete). Min=0, Max=2
       commandType                    Type of the command. Values are: Add,
                                      Delete, Get, Info, Run, RunWithReturn, Set
                                      and SetList. Default="" Max Length=13
        CommandType: Type of the command. Values are: Add, Delete, Get, Info,
                      Run, RunWithReturn, Set and SetList. Default="" Max
                      Length=13
       command                        Command being processed. Default="" Max
                                      Length=50
        Command: Command being processed. Default="" Max Length=50
      mapiException                    Exception result in XML format. Default=null
        MapiException: Exception result in XML format. Default=""
      results                          Result in XML format. Default=null
        Results: Result in XML format. Default=""
    records                            If successful, records retrieved.
      PvsTask[]: If successful, the PvsTask object(s) are returned.
```

Mcli-Get UndefinedDisks

```
  Get undefined Disks for the Store on the Server specified.
```
Get-PvsUndefinedDisk
```
  Get undefined Disks for the Store on the Server specified.
    -p                            Parameters needed for the Get.
     One of these required
      serverId                        GUID of the Server to look for undefined
                                      Disks.
        Guid[] ServerId: GUID of the Server to look for undefined Disks.
      serverName                      Name of the Server to look for undefined
                                      Disks.
        string[] ServerName: Name of the Server to look for undefined Disks.
     One of these required
      storeId                         GUID of the Store that the Server services
                                      to look for undefined Disks.
        Guid[] StoreId: GUID of the Store that the Server services to look
                      for undefined Disks.
      storeName                       Name of the Store that the Server services
                                      to look for undefined Disks.
        string[] StoreName: Name of the Store that the Server services to
                      look for undefined Disks.
     Optional
      autoAddEnabled                  1 when undefined Disks found should be
                                      automatically added, 0 otherwise. Default=0
        SwitchParameter AutoAddEnabled: If -AutoAddEnabled is specified, then
                      undefined Disks found will be automatically added.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
         ServerId or StoreId
    -s                            Name of field to sort on. If not included,
                                      the first field listed is used. Append a - to
                                      the field name to get descending order.
      name                            Name of the disk file without the extension.
```

```
      -f                             List of fields to retrieve, if not included,
                                     all fields are retrieved.
       If only selected fields are needed, pass them in the Fields parameter
                       as a string array.
        name                         Name of the disk file without the extension.
         Name: Name of the disk file without the extension.
        status                       Status of the disk file. Values are: 0
                                     (Valid), 1 (Missing Properties File), 2
                                     (Access Denied), 3 (Access Denied and
                                     Missing Properties File), 4 (Invalid Disk
                                     File), 5 (Manifest Missing or Invalid), 6
                                     (Both VHD and VHDX)
         Status: Status of the disk file. Values are: 0 (Valid), 1 (Missing
                        Properties File), 2 (Access Denied), 3 (Access
                        Denied and Missing Properties File), 4 (Invalid Disk
                        File), 5 (Manifest Missing or Invalid), 6 (Both VHD
                        and VHDX)
        format                       Format of the image. Values are: 0 (VHD), 1
                                     (VHDX). Default=0
         VHDX: If VHDX is true, the format of the image is VHDX. Otherwise it
                        is VHD. Default=false
      records                        If successful, records retrieved.
        PvsUndefinedDisk[]: If successful, the PvsUndefinedDisk object(s) are
                        returned.
```

Mcli-Get UpdateTask

```
   Get the fields for an Update Task or all Update Tasks in a Site or the
    whole Farm. All Update Tasks are returned if no parameters are passed.
```

Get-PvsUpdateTask

```
   Get the fields for an Update Task or all Update Tasks in a Site or the
    whole Farm. All Update Tasks are returned if no parameters are passed.
      -p                             Parameters needed for the Get.
       One of these optional
        updateTaskId                 GUID of the Update Task to Get.
         Guid[] Guid or UpdateTaskId: GUID of the Update Task to Get.
        siteId                       GUID of the Site to Get all Update Tasks
                                      for.
         Guid[] SiteId: GUID of the Site to Get all Update Tasks for.
        siteName                     Name of the Site to Get all Update Tasks
                                      for.
         string[] SiteName: Name of the Site to Get all Update Tasks for.
       or this optional & resolution
        updateTaskName               Name of the Update Task to Get.
         string[] Name or UpdateTaskName: Name of the Update Task to Get.
       One of these resolutions when needed
        siteId                       GUID of the Site.
         Guid[] SiteId: GUID of the Site to Get all Update Tasks for.
        siteName                     Name of the Site.
         string[] SiteName: Name of the Site to Get all Update Tasks for.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
           UpdateTaskId or SiteId
      -s                             Name of field to sort on. If not included,
                                     the first field listed is used. Append a - to
                                     the field name to get descending order.
```

```
updateTaskName            Name of the Update Task. It is unique within
                          the Site. Max Length=50
description               User description. Default="" Max Length=250
-f                        List of fields to retrieve, if not included,
                          all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
updateTaskId              Read-only GUID that uniquely identifies this
                          Update Task. Length=36
    Guid or UpdateTaskId: Read-only GUID that uniquely identifies this
                    Update Task.
updateTaskName            Name of the Update Task. It is unique within
                          the Site. Max Length=50
    Name or UpdateTaskName: Name of the Update Task. It is unique within
                    the Site. Max Length=50
siteId                    GUID of the Site that this Update Task is a
                          member of. It is not used with siteName.
                          Length=36
    SiteId: GUID of the Site that this Update Task is a member of. It is
                    not used with SiteName.
siteName                  Name of the Site that this Update Task is a
                          member of. It is not used with siteId.
    SiteName: Name of the Site that this Update Task is a member of. It
                    is not used with SiteId.
description               User description. Default="" Max Length=250
    Description: User description. Default="" Max Length=250
enabled                   1 when it will be processed, 0 otherwise.
                          Default=1
    Enabled: True when it will be processed, false otherwise.
                    Default=true
hour                      The hour of the day to perform the task.
                          Min=0, Max=23, Default=0
    Hour: The hour of the day to perform the task. Min=0, Max=23,
                    Default=0
minute                    The minute of the hour to perform the task.
                          Min=0, Max=59, Default=0
    Minute: The minute of the hour to perform the task. Min=0, Max=59,
                    Default=0
recurrence                The update will reoccur on this schedule. 0
                          = None, 1 = Daily, 2 = Every Weekday, 3 =
                          Weekly, 4 = Monthly Date, 5 = Monthly Type.
                          Min=0, Max=5, Default=0
    Recurrence: The update will reoccur on this schedule. 0 = None, 1 =
                    Daily, 2 = Every Weekday, 3 = Weekly, 4 = Monthly
                    Date, 5 = Monthly Type. Min=0, Max=5, Default=0
dayMask                   Days selected values. 1 = Monday, 2 =
                          Tuesday, 4 = Wednesday, 8 = Thursday, 16 =
                          Friday, 32 = Saturday, 64 = Sunday, 128 =
                          Day. Default=0. This is used with Weekly and
                          Monthly Type recurrence. Min=1, Max=255,
                          Default=4
    DayMask: Days selected values. 1 = Monday, 2 = Tuesday, 4 =
                    Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday,
                    64 = Sunday, 128 = Day. Default=0. This is used with
                    Weekly and Monthly Type recurrence. Min=1, Max=255,
                    Default=4
```

```
date                        Comma delimited days of the month. Numbers
                            from 1-31 are the only valid values. This is
                            used with Monthly Date recurrence.
                            Default="" Max Length=83
```
Date: Days of the month. Numbers from 1-31 are the only valid values.
            This is used with Monthly Date recurrence.
            Default="" Max Length=83
```
monthlyOffset               When to happen monthly. 0 = None, 1 = First,
                            2 = Second, 3 = Third, 4 = Forth, 5 = Last.
                            This is used with Monthly Type recurrence.
                            Min=0, Max=5, Default=3
```
MonthlyOffset: When to happen monthly. 0 = None, 1 = First, 2 =
            Second, 3 = Third, 4 = Forth, 5 = Last. This is used
            with Monthly Type recurrence. Min=0, Max=5,
            Default=3
```
esdType                     Esd to use. Valid values are SCCM or WSUS.
                            If no value, a custom script is run on the
                            client. Default=null Max Length=50
```
EsdType: Esd to use. Valid values are SCCM or WSUS. If no value, a
            custom script is run on the client. Default="" Max
            Length=50
```
preUpdateScript             Script file to run before the update starts.
                            Default=null Max Length=255
```
PreUpdateScript: Script file to run before the update starts.
            Default="" Max Length=255
```
preVmScript                 Script file to run before the VM is loaded.
                            Default=null Max Length=255
```
PreVmScript: Script file to run before the VM is loaded. Default=""
            Max Length=255
```
postUpdateScript            Script file to run after the update
                            finishes. Default=null Max Length=255
```
PostUpdateScript: Script file to run after the update finishes.
            Default="" Max Length=255
```
postVmScript                Script file to run after the VM is unloaded.
                            Default=null Max Length=255
```
PostVmScript: Script file to run after the VM is unloaded. Default=""
            Max Length=255
```
domain                      Domain to add the Disk Update Device(s) to.
                            If not included, the first Domain Controller
                            found on the Server is used. Default=null
                            Max Length=255
```
Domain: Domain to add the Disk Update Device(s) to. If not included,
            the first Domain Controller found on the Server is
            used. Default="" Max Length=255
```
organizationUnit            Organizational Unit to add the Disk Update
                            Device(s) to. This parameter is optional. If
                            it is not specified, the device is added to
                            the built in Computers container. Child OU's
                            should be delimited with forward slashes,
                            e.g. "ParentOU/ChildOU". Special characters
                            in an OU name, such as '"', '#', '+', ',',
                            ';', '>', '=', must be escaped with a
                            backslash. For example, an OU called
                            "commaIn,TheMiddle" must be specified as
                            "commaIn\,TheMiddle". The old syntax of
                            delimiting child OU's with a comma is still
                            supported, but deprecated. Note that in this
```

```
                           case, the child OU comes first, e.g.
                           "ChildOU,ParentOU". Default=null Max
                           Length=255
      OrganizationUnit: Organizational Unit to add the Disk Update
                           Device(s) to. This parameter is optional. If it is
                           not specified, the device is added to the built in
                           Computers container. Child OU's should be delimited
                           with forward slashes, e.g. "ParentOU/ChildOU".
                           Special characters in an OU name, such as '"', '#',
                           '+', ',', ';', '>', '=', must be escaped with a
                           backslash. For example, an OU called
                           "commaIn,TheMiddle" must be specified as
                           "commaIn\,TheMiddle". The old syntax of delimiting
                           child OU's with a comma is still supported, but
                           deprecated. Note that in this case, the child OU
                           comes first, e.g. "ChildOU,ParentOU". Default="" Max
                           Length=255
    postUpdateApprove          Access to place the version in after the
                           update has occurred. 0 = Production, 1 =
                           Test, 2 = Maintenance. Min=0, Max=2,
                           Default=0
     PostUpdateApprove: Access to place the version in after the update
                           has occurred. 0 = Production, 1 = Test, 2 =
                           Maintenance. Min=0, Max=2, Default=0
   records                        If successful, records retrieved.
     PvsUpdateTask[]: If successful, the PvsUpdateTask object(s) are
                        returned.
```

Mcli-Get VirtualHostingPool

```
   Get the fields for a Virtual Hosting Pool or all Virtual Hosting Pools in a
      Site or the whole Farm. All Virtual Hosting Pools are returned if no
      parameters are passed.
```

Get-PvsVirtualHostingPool

```
   Get the fields for a Virtual Hosting Pool or all Virtual Hosting Pools in a
      Site or the whole Farm. All Virtual Hosting Pools are returned if no
      parameters are passed.
    -p                           Parameters needed for the Get.
     One of these optional
      virtualHostingPoolId       GUID of the Virtual Hosting Pool to Get.
        Guid[] Guid or VirtualHostingPoolId: GUID of the Virtual Hosting Pool
                        to Get.
       siteId                    GUID of the Site to Get all Virtual Hosting
                                  Pools for.
        Guid[] SiteId: GUID of the Site to Get all Virtual Hosting Pools for.
       siteName                  Name of the Site to Get all Virtual Hosting
                                  Pools for.
        string[] SiteName: Name of the Site to Get all Virtual Hosting Pools
                        for.
     or this optional & resolution
      virtualHostingPoolName     Name of the Virtual Hosting Pool to Get.
        string[] Name or VirtualHostingPoolName: Name of the Virtual Hosting
                        Pool to Get.
     One of these resolutions when needed
      siteId                     GUID of the Site.
        Guid[] SiteId: GUID of the Site to Get all Virtual Hosting Pools for.
      siteName                   Name of the Site.
```

```
         string[] SiteName: Name of the Site to Get all Virtual Hosting Pools
                        for.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
         VirtualHostingPoolId or SiteId
 -s                            Name of field to sort on. If not included,
                               the first field listed is used. Append a - to
                               the field name to get descending order.
   virtualHostingPoolName    Name of the Virtual Hosting Pool. It is
                               unique within the Site. Max Length=50
   description                User description. Default="" Max Length=250
 -f                            List of fields to retrieve, if not included,
                               all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
   virtualHostingPoolId      Read-only GUID that uniquely identifies this
                               Virtual Hosting Pool. Length=36
      Guid or VirtualHostingPoolId: Read-only GUID that uniquely identifies
                    this Virtual Hosting Pool.
   virtualHostingPoolName    Name of the Virtual Hosting Pool. It is
                               unique within the Site. Max Length=50
     Name or VirtualHostingPoolName: Name of the Virtual Hosting Pool. It
                    is unique within the Site. Max Length=50
   siteId                     GUID of the Site that this Virtual Hosting
                               Pool is a member of. It is not used with
                               siteName. Length=36
      SiteId: GUID of the Site that this Virtual Hosting Pool is a member
                    of. It is not used with SiteName.
   siteName                   Name of the Site that this Virtual Hosting
                               Pool is a member of. It is not used with
                               siteId.
      SiteName: Name of the Site that this Virtual Hosting Pool is a member
                    of. It is not used with SiteId.
   type                       Type of the Virtual Hosting Pool. 0 = Citrix
                               XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 =
                               VMWare vSphere/ESX. Min=0, Max=3, Default=0
      Type: Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1 =
                    Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX.
                    Min=0, Max=3, Default=0
   description                User description. Default="" Max Length=250
      Description: User description. Default="" Max Length=250
   server                     Name or IP of the Host Server. Max
                               Length=255
      Server: Name or IP of the Host Server. Max Length=255
   port                       Port of the Host Server. Min=80, Max=65534,
                               Default=80
      Port: Port of the Host Server. Min=80, Max=65534, Default=80
   datacenter                 Datacenter of the Virtual Hosting Pool.
                               Default="" Max Length=250
      Datacenter: Datacenter of the Virtual Hosting Pool. Default="" Max
                    Length=250
   updateLimit                Number of updates at the same time. Min=2,
                               Max=1000, Default=1000
      UpdateLimit: Number of updates at the same time. Min=2, Max=1000,
                    Default=1000
```

```
       updateTimeout              Timeout for updates. Min=2, Max=240,
                                   Default=60
        UpdateTimeout: Timeout for updates. Min=2, Max=240, Default=60
       shutdownTimeout            Timeout for shutdown. Min=2, Max=30,
                                   Default=10
        ShutdownTimeout: Timeout for shutdown. Min=2, Max=30, Default=10
       userName                   Name to use when logging into the Server.
        UserName: Name to use when logging into the Server.
       password                   Password to use when logging into the
                                   Server.
        Password: Password to use when logging into the Server.
       xdHostingUnitUuid          UUID of XenDesktop Hosting Unit Default=null
                                   Length=36
         XdHostingUnitUuid: UUID of XenDesktop Hosting Unit Default=00000000-
                      0000-0000-0000-000000000000
       prepopulateEnabled         Enable prepopulate when set to 1 Default=0
        PrepopulateEnabled: Enable prepopulate when set to true Default=false
       xsPvsSiteUuid              UUID of XenServer PVS_site  Default=null
                                   Length=36
        XsPvsSiteUuid: UUID of XenServer PVS_site  Default=00000000-0000-
                      0000-0000-000000000000
       platformVersion             Hypervisor Host Version  Default=null Max
                                   Length=250
        PlatformVersion:  Hypervisor Host Version  Default="" Max Length=250
       xdHcHypervisorConnectionName  Hypervisor Connection Name for HCL
                                   Connection Details object Default=null Max
                                   Length=250
         XdHcHypervisorConnectionName: Hypervisor Connection Name for HCL
                      Connection Details object Default="" Max Length=250
       xdHcHypervisorConnectionUid  Hypervisor Connection Uid for HCL
                                   Connection Details object Default=null Max
                                   Length=250
         XdHcHypervisorConnectionUid: Hypervisor Connection Uid for HCL
                      Connection Details object Default="" Max Length=250
       xdHcRevision               Revision for HCL Connection Details object
                                   Default=null Max Length=250
         XdHcRevision: Revision for HCL Connection Details object Default=""
                      Max Length=250
       xdHcCustomProperties       Custom Properties for HCL Connection Details
                                   object Default=null Max Length=250
         XdHcCustomProperties: Custom Properties for HCL Connection Details
                      object Default="" Max Length=250
       xdHcSslThumbprints         Ssl Thumbprints for HCL Connection Details
                                   object Default=null Max Length=250
         XdHcSslThumbprints: Ssl Thumbprints for HCL Connection Details object
                      Default="" Max Length=250
     records                      If successful, records retrieved.
       PvsVirtualHostingPool[]: If successful, the PvsVirtualHostingPool
                      object(s) are returned.
```

Mcli-Get XDSite

Get the fields for a XenDesktop Site or all XenDesktop Sites. All
   XenDisktop Sites are returned if no parameters are passed.

Get-PvsXDSite

Get the fields for a XenDesktop Site or all XenDesktop Sites. All
   XenDisktop Sites are returned if no parameters are passed.

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```
-p                             Parameters needed for the Get.
  This optional
   xdSiteId                    GUID of the XenDesktop Site to Get.
     Guid[] Guid or XdSiteId: GUID of the XenDesktop Site to Get.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                     the Object parameter or from a pileline:
       XdSiteId
-f                             List of fields to retrieve, if not included,
                               all fields are retrieved.
   If only selected fields are needed, pass them in the Fields parameter
                 as a string array.
    xdSiteId                   GUID of the XenDesktop Site. Length=36
      Guid or XdSiteId: GUID of the XenDesktop Site.
    configServices             Comma delimited list of XenDesktop Server
                               addresses. Max Length=2000
      ConfigServices: XenDesktop Server addresses. Max Length=2000
records                        If successful, records retrieved.
    PvsXDSite[]: If successful, the PvsXDSite object(s) are returned.
```

Mcli-Info

```
 Mcli-Info commandName[ -p name=value[, name2=value2]][ -f field[, field2]]
```

Mcli-Info Group

```
  Get the fields for the Groups for the user or the System.
```

Get-PvsGroup

```
  Get the fields for the Groups for the user or the System.
    -p                         Parameters needed for the Info request.
     Optional
      domain                   Domain of user (may be the name of the local
                               computer).
        string[] Domain: Domain of user (may be the name of the local
                      computer).
      user                     Name of user.
       string[] User: Name of user.
      adGroupsEnabled          Get Active Directory groups, when set to 1.
                               Get Windows groups, when set to 0. If not
                               included, the Farm adGroupsEnabled setting
                               is used.
        SwitchParameter AdGroupsEnabled: Get Active Directory groups, when
                      set to true. Get Windows groups, when set to false.
                      If not included, the Farm AdGroupsEnabled setting is
                      used.
    -f                         List of fields to retrieve, if not included,
                               all fields are retrieved.
     If only selected fields are needed, pass them in the Fields parameter
                   as a string array.
      name                     Name of the Group.
       Name: Name of the Group.
      guid                     GUID of the Active Directory group. It will
                               be null for Windows groups.
        Guid: GUID of the Active Directory group. 00000000-0000-0000-0000-
                      000000000000 for Windows groups.
    records                    If successful, records retrieved.
      PvsGroup[]: If successful, the PvsGroup object(s) are returned.
```

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Mcli-Info LocalServer

Return one record with the local server's NetBios name

Get-PvsLocalServer

Return one record with the local server's NetBios name

```
    -f                          List of fields to retrieve, if not included,
                                all fields are retrieved.
    LocalServer                 NetBios name of local server.
      Name or LocalServer: NetBios name of local server.
    records                     If successful, records retrieved.
      PvsLocalServer[]: If successful, the PvsLocalServer object(s) are
                        returned.
```

Mcli-Info Version

Return one record with the version information.

Get-PvsVersion

Get the version information.

```
    -f                          List of fields to retrieve, if not included,
                                all fields are retrieved.
    If only selected fields are needed, pass them in the Fields parameter
                    as a string array.
    mapiVersion                 Version of the system in
                                major.minor.point.build format.
      MapiVersion: Version of the system in major.minor.point.build format.
    dbVersion                   Version of the database schema as a number.
                                Default=0
      DbVersion: Version of the database schema as a number. Default=0
    type                        Type of system. Values are 0 (Normal), 1
                                (OROM), and 2 (Secure). Default=0
      Type: Type of system. Values are 0 (Normal), 1 (OROM), and 2
                        (Secure). Default=0
    dbEdition                   Edition of the database. If 'Express
                                Edition', monitor dbSize.
      DbEdition: Edition of the database. If 'Express Edition', monitor
                        dbSize.
    dbSize                      Size of the database in MB. Monitor this
                                value if the edition is 'Express Edition'
                                and this value is close to reaching the 4000
                                MB maximum. Default=0
      DbSize: Size of the database in MB. Monitor this value if the edition
                        is 'Express Edition' and this value is close to
                        reaching the 4000 MB maximum. Default=0
    mapiVersionNumber           Internal version number of the system. It is
                                a number that is increaed by 100 for each
                                major and minor release. Point releases are
                                the numbers between each 100. Default=0
      MapiVersionNumber: Internal version number of the system. It is a
                        number that is increaed by 100 for each major and
                        minor release. Point releases are the numbers
                        between each 100. Value is 0 when the system does
                        not support MapiVersionNumber. Default=0
    records                     If successful, records retrieved.
      PvsVersion[]: If successful, the PvsVersion object(s) are returned.
```

Mcli-Run

```
Mcli-Run commandName[ -p name=value[, name2=value2]]
```

Mcli-Run ActivateDevice

Proxy Activate with a Multiple Activation Key and/or apply the Confirmation ID to remote activate a Device DiskLocator pair.

Invoke-PvsActivateDeviceMAK

Proxy Activate with a Multiple Activation Key and/or apply the Confirmation ID to remote activate a Device DiskLocator pair.

```
-p                          Parameters needed for this Run.
 One of these required
  deviceId                  GUID of the Device to Activate.
   Guid[] Guid or DeviceId: GUID of the Device to Activate.
  deviceName                Name of the Device to Activate.
   string[] Name or DeviceName: Name of the Device to Activate.
  deviceMac                 MAC of the Device to Activate.
   PvsPhysicalAddress[] DeviceMac: MAC of the Device to Activate.
 This required
  makUsedToActivate         Multiple Activation Key to Activate the
                             Device with.
   string[] MakUsedToActivate: Multiple Activation Key to Activate the
                      Device with.
  Instead of a parameter that matches one of the members listed
   PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
    DeviceId
  Optional
   SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
```

Mcli-Run AddDeviceToDomain

Assign a Device, all Devices in a Collection or View to a Domain.

Add-PvsDeviceToDomain

Add a Device, all Devices in a Collection or View to a Domain.

```
-p                          Parameters needed for this Run.
 One of these required
  deviceId                  GUID of the Device to Add to the Domain.
   Guid[] Guid or DeviceId: GUID of the Device to Add to the Domain.
  deviceName                Name of the Device to Add to the Domain.
   string[] Name or DeviceName: Name of the Device to Add to the Domain.
  deviceMac                 MAC of the Device to Add to the Domain.
   PvsPhysicalAddress[] DeviceMac: MAC of the Device to Add to the
                      Domain.
  collectionId              GUID of the Collection to Add all Devices to
                             the Domain.
   Guid[] CollectionId: GUID of the Collection to Add all Devices to the
                      Domain.
  siteViewId                GUID of the Site View to Add all Devices to
                             the Domain.
   Guid[] SiteViewId: GUID of the Site View to Add all Devices to the
                      Domain.
  farmViewId                GUID of the Farm View to Add all Devices to
                             the Domain.
   Guid[] FarmViewId: GUID of the Farm View to Add all Devices to the
                      Domain.
```

```
   farmViewName              Name of the Farm View to Add all Devices to
                             the Domain.
  string[] FarmViewName: Name of the Farm View to Add all Devices to
                 the Domain.
or one of these required & resolutions
  collectionName            Name of the Collection to Add all Devices to
                             the Domain.
  string[] CollectionName: Name of the Collection to Add all Devices to
                 the Domain.
  siteViewName              Name of the Site View to Add all Devices to
                             the Domain.
  string[] SiteViewName: Name of the Site View to Add all Devices to
                 the Domain.
Optional
 domain                     Domain to add the Device(s) to. If not
                             included, the first Domain Controller found
                             on the Server is used.
  string[] Domain: Domain to add the Device(s) to. If not included, the
                 first Domain Controller found on the Server is used.
 organizationUnit           Organizational Unit to add the Device(s) to.
                             This parameter is optional. If it is not
                             specified, the device is added to the built
                             in Computers container. Child OU's should be
                             delimited with forward slashes, e.g.
                             "ParentOU/ChildOU". Special characters in an
                             OU name, such as '"', '#', '+', ',', ';',
                             '>', '=', must be escaped with a backslash.
                             For example, an OU called
                             "commaIn,TheMiddle" must be specified as
                             "commaIn\,TheMiddle". The old syntax of
                             delimiting child OU's with a comma is still
                             supported, but deprecated. Note that in this
                             case, the child OU comes first, e.g.
                             "ChildOU,ParentOU".
  string[] OrganizationUnit: Organizational Unit to add the Device(s)
                 to. This parameter is optional. If it is not
                 specified, the device is added to the built in
                 Computers container. Child OU's should be delimited
                 with forward slashes, e.g. "ParentOU/ChildOU".
                 Special characters in an OU name, such as '"', '#',
                 '+', ',', ';', '>', '=', must be escaped with a
                 backslash. For example, an OU called
                 "commaIn,TheMiddle" must be specified as
                 "commaIn\,TheMiddle". The old syntax of delimiting
                 child OU's with a comma is still supported, but
                 deprecated. Note that in this case, the child OU
                 comes first, e.g. "ChildOU,ParentOU".
One of these resolutions when needed
 siteId                     GUID of the Site.
  Guid[] SiteId: GUID of the Site.
 siteName                   Name of the Site.
  string[] SiteName: Name of the Site.
 Instead of a parameter that matches one of the members listed
  PvsObject[] Object: PvsObjects with the members below can be used as
                 the Object parameter or from a pileline:
    DeviceId, CollectionId, SiteViewId or FarmViewId
  Optional
```

Mcli-Run AddDiskVersion

Add one or more new Versions to a Disk. A manifest file for the new Disk
Version(s) must exist in the Store.

Add-PvsDiskVersion

Add one or more new Versions to a Disk. A manifest file for the new Disk
Version(s) must exist in the Store.
    -p   Parameters needed for this Run.
     This required
      diskLocatorId   GUID of the Disk Locator File to Add the new
                                  Disk Version(s) to.
        Guid[] Guid or DiskLocatorId: GUID of the Disk Locator File to Add
                       the new Disk Version(s) to.
      or this required & resolution
      diskLocatorName   Name of the Disk Locator File to Add the new
                                  Disk Version(s) to.
        string[] Name or DiskLocatorName: Name of the Disk Locator File to
                       Add the new Disk Version(s) to.
    One of these resolutions when needed
     siteId   GUID of the Site.
       Guid[] SiteId: GUID of the Site.
     siteName   Name of the Site.
       string[] SiteName: Name of the Site.
    One of these resolutions when needed
     storeId   GUID of the Store that is needed when a
                                  diskLocatorName is used.
       Guid[] StoreId: GUID of the Store that is needed when a
                       DiskLocatorName is used.
     storeName   Name of the Store that is needed when a
                                  diskLocatorName is used.
       string[] StoreName: Name of the Store that is needed when a
                       DiskLocatorName is used.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
        DiskLocatorId
     Optional
       SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.

Mcli-Run ApplyAutoUpdate

Apply Auto Update for a Server or all Servers in a Site.

Start-PvsAutoUpdate

Apply Auto Update for a Server or all Servers in a Site.
    -p   Parameters needed for this Run.
     One of these required
      serverId   GUID of the Server to apply Auto Update.
        Guid[] Guid or ServerId: GUID of the Server to apply Auto Update.
      serverName   Name of the Server to apply Auto Update.

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```
               string[] Name or ServerName: Name of the Server to apply Auto Update.
        siteId                      GUID of the Site to apply Auto Update on all
                                    Servers.
          Guid[] SiteId: GUID of the Site to apply Auto Update on all Servers.
        siteName                    Name of the Site to apply Auto Update on all
                                    Servers.
          string[] SiteName: Name of the Site to apply Auto Update on all
                        Servers.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
            ServerId or SiteId
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
```

Mcli-Run ArchiveAuditTrail

```
    Archive the information in the Audit Trail up to a certain date to a file.
      When finished, the information archived will be removed from the Audit
      Trail.
```

Export-PvsAuditTrail

```
    Archive the information in the Audit Trail up to a certain date to a file.
      When finished, the information archived will be removed from the Audit
      Trail.
        -p                          Parameters needed for this Run.
       This required
         fileName                   Name of the file to archive the Audit Trail
                                    to. This must be a full file path name.
           string[] FileName: Name of the file to archive the Audit Trail to.
                        This must be a full file path name.
        Optional
         endDate                    Last date of information to Archive. If not
                                    entered, all information is Archived. Format
                                    is yyyy/mm/dd.
           DateTime EndDate: Last date of information to Archive. If not
                        entered, all information is Archived. Uses only the
                        date.
         purgeData                  1 when the information archived will be
                                    removed from the Audit Trail. Default=1
           SwitchParameter NoPurgeData: If -NoPurgeData is specified, the
                        information archived will not be removed from the
                        Audit Trail.
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
```

Mcli-Run AssignAuthGroup

```
    Assign an AuthGroup to have Farm, Site or Collection Authorization. If no
      Site or Collection is specified, the AuthGroup is given Farm
      Authorization.
```

Grant-PvsAuthGroup

Assign an AuthGroup to have Farm, Site or Collection Authorization. If no
   Site or Collection is specified, the AuthGroup is given Farm
   Authorization.
      -p   Parameters needed for this Run.
   One of these required
     authGroupId   GUID of the AuthGroup to assign
                               Authorization for.
       Guid[] Guid or AuthGroupId: GUID of the AuthGroup to assign
                     Authorization for.
     authGroupName   Name of the AuthGroup to assign
                               Authorization for.
       string[] Name or AuthGroupName: Name of the AuthGroup to assign
                     Authorization for.
   One of these optional
     siteId   GUID of the Site to assign Authorization to
                               for the AuthGroup.
       Guid[] SiteId: GUID of the Site to assign Authorization to for the
                     AuthGroup.
     siteName   Name of the Site to assign Authorization to
                               for the AuthGroup.
       string[] SiteName: Name of the Site to assign Authorization to for
                     the AuthGroup.
     collectionId   GUID of the Collection to assign
                               Authorization to for the AuthGroup.
       Guid[] CollectionId: GUID of the Collection to assign Authorization
                     to for the AuthGroup.
   or this optional & resolution
     collectionName   Name of the Collection to assign
                               Authorization to for the AuthGroup.
       string[] CollectionName: Name of the Collection to assign
                     Authorization to for the AuthGroup.
   Optional
     role   Authorization Role for the Collection. 300
                               or 400 can be used. Role can only be used
                               with collectionId or collectionName. 300 is
                               Collection Administrator, and 400 is
                               Collection Operator. Default=400
       uint Role: Authorization Role for the Collection. 300 or 400 can be
                     used. Role can only be used with CollectionId or
                     CollectionName. 300 is Collection Administrator, and
                     400 is Collection Operator. Default=400
   One of these resolutions when needed
     siteId   GUID of the Site.
       Guid[] SiteId: GUID of the Site to assign Authorization to for the
                     AuthGroup.
     siteName   Name of the Site.
       string[] SiteName: Name of the Site to assign Authorization to for
                     the AuthGroup.
   Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                     the Object parameter or from a pileline:
       AuthGroupId, SiteId or CollectionId
     Optional
       SwitchParameter Confirm: The impact of this operation is "low". If -
                     Confirm is specified, the operation will be
                     confirmed. $ConfirmPreference can be set to "low" to
                     have confirmation without the Confirm parameter.

Mcli-Run AssignDevice

Assign a Device to a Collection or View. Personal vDisk Devices cannot be moved to another Site.

Move-PvsDeviceToCollection

Move a Device to a Collection. Personal vDisk Devices cannot be moved to a Collection in another Site.

Add-PvsDeviceToView

Add a Device to a View.

```
  -p                        Parameters needed for this Run.
 One of these required
  deviceId                  GUID of the Device to Assign.
    Move-PvsDeviceToCollection Guid[] Guid or DeviceId: GUID of the
                    Device to Move.
    Add-PvsDeviceToView Guid[] Guid or DeviceId: GUID of the Device to
                    Add.
  deviceName                Name of the Device to Assign.
    Move-PvsDeviceToCollection string[] Name or DeviceName: Name of the
                    Device to Move.
    Add-PvsDeviceToView string[] Name or DeviceName: Name of the Device
                    to Add.
  deviceMac                 MAC of the Device to Assign.
    Move-PvsDeviceToCollection PvsPhysicalAddress[] DeviceMac: MAC of the
                    Device to Move.
    Add-PvsDeviceToView PvsPhysicalAddress[] DeviceMac: MAC of the Device
                    to Add.
 One of these required
  collectionId              GUID of the Collection to Assign a Device or
                            Devices. The Device is moved from whatever
                            Collection it is currently in, to the
                            Collection specified.
    Move-PvsDeviceToCollection Guid[] CollectionId: GUID of the
                    Collection to Move a Device to. The Device is moved
                    from whatever Collection it is currently in, to the
                    Collection specified.
  siteViewId                GUID of the Site View to Assign a Device.
    Add-PvsDeviceToView Guid[] SiteViewId: GUID of the Site View to Add
                    the Device to.
  farmViewId                GUID of the Farm View to Assign a Device.
    Add-PvsDeviceToView Guid[] FarmViewId: GUID of the Farm View to Add
                    the Device to.
  farmViewName              Name of the Farm View to Assign a Device.
    Add-PvsDeviceToView string[] FarmViewName: Name of the Farm View to
                    Add the Device to.
 or one of these required & resolutions
  collectionName            Name of the Collection to Assign a Device or
                            Devices. The Device is moved from whatever
                            Collection it is currently in, to the
                            Collection specified.
    Move-PvsDeviceToCollection string[] CollectionName: Name of the
                    Collection to Move a Device to. The Device is moved
                    from whatever Collection it is currently in, to the
                    Collection specified.
  siteViewName              Name of the Site View to Assign a Device.
    Add-PvsDeviceToView string[] SiteViewName: Name of the Site View to
                    Add the Device to.
 Optional
```

```
        copyTemplate                    1 if the Template Device for the collection,
                                        if it exists, should be used for the
                                        property settings of the assigned Device(s).
                                        copyTemplate is only valid with collectionId
                                        or collectionName.
        Move-PvsDeviceToCollection SwitchParameter CopyTemplate: If -
                        CopyTemplate is specified, the Template Device for
                        the Collection, if it exists, will be used for the
                        property settings of the moved Device.
    One of these resolutions when needed
     siteId                     GUID of the Site.
        Move-PvsDeviceToCollection Guid[] SiteId: GUID of the Site.
        Add-PvsDeviceToView Guid[] SiteId: GUID of the Site.
     siteName                   Name of the Site.
        Move-PvsDeviceToCollection string[] SiteName: Name of the Site.
        Add-PvsDeviceToView string[] SiteName: Name of the Site.
    Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          DeviceId, CollectionId, SiteViewId or FarmViewId
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
```

Mcli-Run AssignDisk

```
    Assign a Disk to an Update Task.
```

Add-PvsDiskToUpdateTask

```
    Add a Disk to an Update Task.
      -p                            Parameters needed for this Run.
      This required
        diskLocatorId              GUID of the Disk Locator to Assign.
          Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Assign.
      or this required & resolution
        diskLocatorName            Name of the Disk Locator File to Assign.
          string[] Name or DiskLocatorName: Name of the Disk Locator File to
                        Assign.
      One of these required
        updateTaskId               GUID of the Update Task to Assign a Disk.
          Guid[] UpdateTaskId: GUID of the Update Task to Assign a Disk.
        updateTaskName             Name of the Update Task to Assign a Disk.
          string[] UpdateTaskName: Name of the Update Task to Assign a Disk.
      One of these resolutions when needed
        siteId                     GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName                   Name of the Site.
          string[] SiteName: Name of the Site.
      One of these resolutions when needed
        storeId                    GUID of the Store that is needed when a
                                    diskLocatorName is used.
          Guid[] StoreId: GUID of the Store that is needed when a
                        DiskLocatorName is used.
        storeName                  Name of the Store that is needed when a
                                    diskLocatorName is used.
```

```
            string[] StoreName: Name of the Store that is needed when a
                          DiskLocatorName is used.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
            DiskLocatorId or UpdateTaskId
        Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                          Confirm is specified, the operation will be
                          confirmed. $ConfirmPreference can be set to "low" to
                          have confirmation without the Confirm parameter.
```

Mcli-Run AssignDiskLocator

```
    Assign a Disk Locator to a Device, a Collection or View.
```

Add-PvsDiskLocatorToDevice

```
  Assign a Disk Locator to a Device, a Collection or View.
     -p                          Parameters needed for this Run.
     This required
      diskLocatorId             GUID of the Disk Locator to Assign.
        Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Assign.
     or this required & resolution
      diskLocatorName           Name of the Disk Locator File to Assign.
        string[] Name or DiskLocatorName: Name of the Disk Locator File to
                          Assign.
     One of these required
      deviceId                  GUID of the Device to Assign a Disk Locator.
        Guid[] DeviceId: GUID of the Device to Assign a Disk Locator.
      deviceName                Name of the Device to Assign a Disk Locator.
        string[] DeviceName: Name of the Device to Assign a Disk Locator.
      deviceMac                 MAC of the Device to Assign a Disk Locator.
        PvsPhysicalAddress[] DeviceMac: MAC of the Device to Assign a Disk
                          Locator.
      collectionId              GUID of the Collection to Assign a Disk
                                  Locator or Locators to all Devices.
        Guid[] CollectionId: GUID of the Collection to Assign a Disk Locator
                          or Locators to all Devices.
      siteViewId                GUID of the Site View to Assign a Disk
                                  Locator to all Devices.
        Guid[] SiteViewId: GUID of the Site View to Assign a Disk Locator to
                          all Devices.
      farmViewId                GUID of the Farm View to Assign a Disk
                                  Locator to all Devices.
        Guid[] FarmViewId: GUID of the Farm View to Assign a Disk Locator to
                          all Devices.
      farmViewName              Name of the Farm View to Assign a Disk
                                  Locator to all Devices.
        string[] FarmViewName: Name of the Farm View to Assign a Disk Locator
                          to all Devices.
     or one of these required & resolutions
      collectionName            Name of the Collection to Assign a Disk
                                  Locator or Locators to all Devices.
        string[] CollectionName: Name of the Collection to Assign a Disk
                          Locator or Locators to all Devices.
      siteViewName              Name of the Site View to Assign a Disk
                                  Locator to all Devices.
```

```
                   string[] SiteViewName: Name of the Site View to Assign a Disk Locator
                               to all Devices.
          Optional
            removeExisting              1 to remove the existing Disk Locators
                                        before assigning the new one. Default=0
              SwitchParameter RemoveExisting: If -RemoveExisting is specified,
                               remove the existing Disk Locators before assigning
                               the new one.
          One of these resolutions when needed
            siteId                      GUID of the Site.
              Guid[] SiteId: GUID of the Site.
            siteName                    Name of the Site.
              string[] SiteName: Name of the Site.
          One of these resolutions when needed
            storeId                     GUID of the Store that is needed when a
                                        diskLocatorName is used.
              Guid[] StoreId: GUID of the Store that is needed when a
                               DiskLocatorName is used.
            storeName                   Name of the Store that is needed when a
                                        diskLocatorName is used.
              string[] StoreName: Name of the Store that is needed when a
                               DiskLocatorName is used.
          Instead of a parameter that matches one of the members listed
              PvsObject[] Object: PvsObjects with the members below can be used as
                               the Object parameter or from a pileline:
                DiskLocatorId, DeviceId, CollectionId, SiteViewId or FarmViewId
          Optional
              SwitchParameter Confirm: The impact of this operation is "low". If -
                               Confirm is specified, the operation will be
                               confirmed. $ConfirmPreference can be set to "low" to
                               have confirmation without the Confirm parameter.
```

Mcli-Run AssignServer

```
      Assign a Server to a Site.
```

Move-PvsServerToSite

```
  Move a Server to a Site.
      -p                              Parameters needed for this Run.
        One of these required
          serverId                    GUID of the Server to Assign.
            Guid[] Guid or ServerId: GUID of the Server to Assign.
          serverName                  Name of the Server to Assign.
            string[] Name or ServerName: Name of the Server to Assign.
        One of these required
          siteId                      GUID of the Site to Assign a Server.
            Guid[] SiteId: GUID of the Site to Assign a Server.
          siteName                    Name of the Site to Assign a Server.
            string[] SiteName: Name of the Site to Assign a Server.
          Instead of a parameter that matches one of the members listed
            PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
              ServerId or SiteId
          Optional
            SwitchParameter Confirm: The impact of this operation is "low". If -
                             Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "low" to
                             have confirmation without the Confirm parameter.
```

Mcli-Run CancelTask

Cancel a running Task.

Stop-PvsTask

Cancel a running Task.
```
      -p                              Parameters needed for this Run.
       This required
        taskId                        Id of the Task to Cancel.
         uint TaskId: Id of the Task to Cancel.
        Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
           TaskId
        Optional
         SwitchParameter Confirm: The impact of this operation is "medium". If
                             -Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "medium"
                             or "low" to have confirmation without the Confirm
                             parameter.
```

Mcli-Run ClearTask

Clear a single or all completed or cancelled Tasks in a Site or the whole
Farm.

Clear-PvsTask

Clear a single or all completed or cancelled Tasks in a Site or the whole
Farm.
```
      -p                              Parameters needed for this Run.
       One of these optional
        taskId                        Id of the Task to Clear.
         uint TaskId: Id of the Task to Clear.
        siteId                        Site Id of the Tasks to Clear.
         Guid[] SiteId: Site Id of the Tasks to Clear.
        siteName                      Site Name of the Tasks to Clear.
         string[] SiteName: Site Name of the Tasks to Clear.
        Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
           TaskId or SiteId
        Optional
         SwitchParameter Confirm: The impact of this operation is "medium". If
                             -Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "medium"
                             or "low" to have confirmation without the Confirm
                             parameter.
```

Mcli-Run CopyPasteDevice

Copy properties of one Device to a Device, all the Devices in a Collection,
Site View or Farm View.

Copy-PvsDeviceProperties

Copy properties of one Device to a Device, all the Devices in a Collection,
Site View or Farm View.
```
      -p                              Parameters needed for this Run.
       One of these required
        deviceIdFrom                  GUID of the Device to Copy from.
         Guid DeviceIdFrom: GUID of the Device to Copy from.
```

```
deviceNameFrom              Name of the Device to Copy from.
  string DeviceNameFrom: Name of the Device to Copy from.
deviceMacFrom               Mac of the Device to Copy from.
  PvsPhysicalAddress DeviceMacFrom: Mac of the Device to Copy from.
One of these required
deviceId                    GUID of the Device to Copy to.
  Guid Guid or DeviceId: GUID of the Device to Copy to.
deviceName                  Name of the Device to Copy to.
  string Name or DeviceName: Name of the Device to Copy to.
deviceMac                   MAC of the Device to Copy to.
  PvsPhysicalAddress DeviceMac: MAC of the Device to Copy to.
collectionId                GUID of the Collection to Copy to.
  Guid CollectionId: GUID of the Collection to Copy to.
siteViewId                  GUID of the Site View to Copy to.
  Guid SiteViewId: GUID of the Site View to Copy to.
farmViewId                  GUID of the Farm View to Copy to.
  Guid FarmViewId: GUID of the Farm View to Copy to.
farmViewName                Name of the Farm View to Copy to.
  string FarmViewName: Name of the Farm View to Copy to.
or one of these required & resolutions
collectionName              Name of the Collection to Copy to.
  string CollectionName: Name of the Collection to Copy to.
siteViewName                Name of the Site View to Copy to.
  string SiteViewName: Name of the Site View to Copy to.
Optional
 properties                 If not specified, all are copied. Comma
                            delimited list of properties. Values are: 1
                            (Description), 2 (Class), 3 (Port), 4
                            (Disabled), 5 (Boot Behavior), 6 (Disk
                            Assignment), 7 (Personality), 8 (Printer), 9
                            (Type), 10 (Authentication) and 11
                            (Logging).
  uint[] Properties: If not specified, all are copied. Properties to
                 copy. Values are: 1 (Description), 2 (Class), 3
                 (Port), 4 (Disabled), 5 (Boot Behavior), 6 (Disk
                 Assignment), 7 (Personality), 8 (Printer), 9 (Type),
                 10 (Authentication) and 11 (Logging).
One of these resolutions when needed
 siteId                     GUID of the Site.
  Guid SiteId: GUID of the Site.
siteName                    Name of the Site.
  string SiteName: Name of the Site.
 Instead of a parameter that matches one of the members listed
  PvsObject[] Object: PvsObjects with the members below can be used as
                 the Object parameter or from a pileline:
    DeviceId, CollectionId, SiteViewId or FarmViewId
  Optional
  SwitchParameter Confirm: The impact of this operation is "low". If -
                 Confirm is specified, the operation will be
                 confirmed. $ConfirmPreference can be set to "low" to
                 have confirmation without the Confirm parameter.
```

Mcli-Run CopyPasteDisk

```
Copy properties of one Disk to a Disk.
```
Copy-PvsDiskProperties
```
Copy properties of one Disk to a Disk.
```

```
 -p                              Parameters needed for this Run.
  This required
   diskLocatorIdFrom            GUID of the Disk Locator to Copy from.
     Guid DiskLocatorIdFrom: GUID of the Disk Locator to Copy from.
  This required
   diskLocatorId               GUID of the Disk Locator to Copy to.
     Guid Guid or DiskLocatorId: GUID of the Disk Locator to Copy to.
  Optional
   properties                   If not specified, all are copied. Comma
                                delimited list of properties. Values are: 1
                                (Description), 2 (Class), 3 (Type), 4 (Disk
                                Mode), 5 (Auto Update), 6 (HA), 7 (Active
                                Directory), 8 (Printer), 10 (Version), 11
                                (Date), 12 (Author), 13 (Title), 14
                                (Company), 15 (Internal Filename), 16
                                (Original Filename), 17 (Hardware Target),
                                18 (Menu Text), 19 (Enabled), 20 (Server),
                                and 21 (Store).
     uint[] Properties: If not specified, all are copied. Properties to
                        copy. Values are: 1 (Description), 2 (Class), 3
                        (Type), 4 (Disk Mode), 5 (Auto Update), 6 (HA), 7
                        (Active Directory), 8 (Printer), 10 (Version), 11
                        (Date), 12 (Author), 13 (Title), 14 (Company), 15
                        (Internal Filename), 16 (Original Filename), 17
                        (Hardware Target), 18 (Menu Text), 19 (Enabled), 20
                        (Server), and 21 (Store).
   Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
      DiskLocatorId
   Optional
     SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
```

Mcli-Run CopyPasteServer
```
   Copy properties of one Server to a Server.
```
Copy-PvsServerProperties
```
   Copy properties of one Server to a Server.
    -p                              Parameters needed for this Run.
  One of these required
   serverIdFrom                 GUID of the Server to Copy from.
     Guid ServerIdFrom: GUID of the Server to Copy from.
   serverNameFrom               Name of the Server to Copy from.
     string ServerNameFrom: Name of the Server to Copy from.
  One of these required
   serverId                    GUID of the Server to Copy to.
     Guid Guid or ServerId: GUID of the Server to Copy to.
   serverName                   Name of the Server to Copy to.
     string Name or ServerName: Name of the Server to Copy to.
  Optional
   properties                   If not specified, all are copied. Comma
                                delimited list of properties. Values are: 1
                                (Configuration), 2 (Port), 4 (Active
                                Directory), 5 (Advanced Server), 6 (Advanced
```

```
                         Network), 7 (Advanced Pacing), 8 (Advanced
                         Device) and 9 (Logging).
        uint[] Properties: If not specified, all are copied. Properties to
                         copy. Values are: 1 (Configuration), 2 (Port), 4
                         (Active Directory), 5 (Advanced Server), 6 (Advanced
                         Network), 7 (Advanced Pacing), 8 (Advanced Device)
                         and 9 (Logging).
     Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
          ServerId
     Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
```

Mcli-Run CreateDirectory

```
   Create a Directory on the Server specified.
```

New-PvsDirectory

```
   Create a Directory on the Server specified.
     -p                            Parameters needed for this Run.
      One of these required
       serverId                    GUID of the Server to create a Directory on.
         Guid[] Guid or ServerId: GUID of the Server to create a Directory on.
       serverName                  Name of the Server to create a Directory on.
          string[] Name or ServerName: Name of the Server to create a Directory
                         on.
      This required
       path                        Path of the new Directory to create.
         string[] Path: Path of the new Directory to create.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
          ServerId
     Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
```

Mcli-Run CreateDiskCancel

```
   Cancel an active CreateDisk.
```

Stop-PvsCreateDisk

```
   Cancel an active CreateDisk.
     -p                            Parameters needed for this Run.
      This required
       name                        Name of the Disk file that is being created.
          string[] Name: Name of the Disk file that is being created.
      One of these required
       storeId                     GUID of the Store that the Disk will be a
                                    member of.
         Guid[] StoreId: GUID of the Store that the Disk will be a member of.
       storeName                   Name of the Store that the Disk will be a
                                    member of.
```

```
           string[] StoreName: Name of the Store that the Disk will be a member
                             of.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
             StoreId
        Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                             -Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "medium"
                             or "low" to have confirmation without the Confirm
                             parameter.
```

Mcli-Run DisableDeviceDiskLocator

```
     Disable a Device's DiskLocator.
```

Disable-PvsDeviceDiskLocator

```
     Disable a Device's DiskLocator.
       -p                           Parameters needed for this Run.
      One of these required
        deviceId                    GUID of the Device to Disable the
                                    DiskLocator for.
          Guid[] Guid or DeviceId: GUID of the Device to Disable the
                             DiskLocator for.
        deviceName                  Name of the Device to Disable the
                                    DiskLocator for.
          string[] Name or DeviceName: Name of the Device to Disable the
                             DiskLocator for.
        deviceMac                   MAC of the Device to Disable the DiskLocator
                                    for.
          PvsPhysicalAddress[] DeviceMac: MAC of the Device to Disable the
                             DiskLocator for.
      This required
        diskLocatorId               GUID of the DiskLocator to Disable for the
                                    Device.
          Guid[] DiskLocatorId: GUID of the DiskLocator to Disable for the
                             Device.
      or this required & resolution
        diskLocatorName             Name of the DiskLocator File to Disable for
                                    the Device.
          string[] DiskLocatorName: Name of the DiskLocator File to Disable for
                             the Device.
      One of these resolutions when needed
        storeId                     GUID of the Store that is needed when a
                                    diskLocatorName is used.
          Guid[] StoreId: GUID of the Store that is needed when a
                             DiskLocatorName is used.
        storeName                   Name of the Store that is needed when a
                                    diskLocatorName is used.
          string[] StoreName: Name of the Store that is needed when a
                             DiskLocatorName is used.
        Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
             DeviceId or DiskLocatorId
        Optional
```

Mcli-Run DiskUpdateCancel

```
    Cancel an active Update Task for an Update Device.
```

Stop-PvsUpdateTask

```
    Cancel an active Update Task for an Update Device.
      -p                            Parameters needed for this Run.
       This required
        updateTaskId                GUID of the Update Task to Cancel.
          Guid[] UpdateTaskId: GUID of the Update Task to Cancel.
       or this required & resolution
        updateTaskName              Name of the Update Task to Cancel.
          string[] UpdateTaskName: Name of the Update Task to Cancel.
       One of these required
        deviceId                    GUID of a specific Update Device to Cancel
                                     an Update Task for.
          Guid[] DeviceId: GUID of a specific Update Device to Cancel an Update
                      Task for.
        deviceName                  Name of a specific Update Device to Cancel
                                     an Update Task for.
          string[] DeviceName: Name of a specific Update Device to Cancel an
                      Update Task for.
       One of these resolutions when needed
        siteId                      GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName                    Name of the Site.
          string[] SiteName: Name of the Site.
       Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
           UpdateTaskId or DeviceId
        Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                      -Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "medium"
                      or "low" to have confirmation without the Confirm
                      parameter.
```

Mcli-Run DiskUpdateStart

```
    Starts an Update Task.
```

Start-PvsUpdateTask

```
    Starts an Update Task.
      -p                            Parameters needed for this Run.
       This required
        updateTaskId                GUID of the Update Task to Start.
          Guid[] UpdateTaskId: GUID of the Update Task to Start.
       or this required & resolution
        updateTaskName              Name of the Update Task to Start.
          string[] UpdateTaskName: Name of the Update Task to Start.
       One of these resolutions when needed
        siteId                      GUID of the Site.
```

```
      Guid[] SiteId: GUID of the Site.
   siteName                    Name of the Site.
    string[] SiteName: Name of the Site.
   Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                   the Object parameter or from a pileline:
     UpdateTaskId
   Optional
    SwitchParameter Confirm: The impact of this operation is "low". If -
                   Confirm is specified, the operation will be
                   confirmed. $ConfirmPreference can be set to "low" to
                   have confirmation without the Confirm parameter.
```

Mcli-Run EnableDeviceDiskLocator

```
  Enable a Device's DiskLocator. If the DiskLocator is Disabled, that
    overrides the Device DiskLocator setting.
```

Enable-PvsDeviceDiskLocator

```
  Enable a Device's DiskLocator. If the DiskLocator is Disabled, that
    overrides the Device DiskLocator setting.
   -p                          Parameters needed for this Run.
   One of these required
    deviceId                    GUID of the Device to Enable the DiskLocator
                                 for.
      Guid[] Guid or DeviceId: GUID of the Device to Enable the DiskLocator
                   for.
    deviceName                  Name of the Device to Enable the DiskLocator
                                 for.
      string[] Name or DeviceName: Name of the Device to Enable the
                   DiskLocator for.
    deviceMac                   MAC of the Device to Enable the DiskLocator
                                 for.
      PvsPhysicalAddress[] DeviceMac: MAC of the Device to Enable the
                   DiskLocator for.
   This required
    diskLocatorId               GUID of the DiskLocator to Enable for the
                                 Device.
      Guid[] DiskLocatorId: GUID of the DiskLocator to Enable for the
                   Device.
   or this required & resolution
    diskLocatorName             Name of the DiskLocator to Enable for the
                                 Device.
      string[] DiskLocatorName: Name of the DiskLocator to Enable for the
                   Device.
   One of these resolutions when needed
    storeId                     GUID of the Store that is needed when a
                                 diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                   DiskLocatorName is used.
    storeName                   Name of the Store that is needed when a
                                 diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                   DiskLocatorName is used.
   Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                   the Object parameter or from a pileline:
     DeviceId or DiskLocatorId
```

```
                      Optional
                        SwitchParameter Confirm: The impact of this operation is "low". If -
                                          Confirm is specified, the operation will be
                                          confirmed. $ConfirmPreference can be set to "low" to
                                          have confirmation without the Confirm parameter.
```

Mcli-Run ExportDisk

```
    Export the disk stack to a manifest file.
```
Export-PvsDisk
```
  Export the disk stack to a manifest file.
    -p                                Parameters needed for this Run.
     This required
      diskLocatorId                 GUID of the Disk Locator that identifies the
                                      disk to export.
         Guid[] Guid or DiskLocatorId: GUID of the Disk Locator that
                          identifies the disk to export.
      or this required & resolution
      diskLocatorName               Name of the Disk Locator that identifies the
                                      disk to export.
         string[] Name or DiskLocatorName: Name of the Disk Locator that
                          identifies the disk to export.
        Optional
       version                       Version to use as the start of the export.
                                      The export will include all versions
                                      starting with this to the highest one.
         uint Version: Version to use as the start of the export. The export
                          will include all versions starting with this to the
                          highest one.
      One of these resolutions when needed
       siteId                        GUID of the Site.
         Guid[] SiteId: GUID of the Site.
       siteName                      Name of the Site.
         string[] SiteName: Name of the Site.
      One of these resolutions when needed
       storeId                       GUID of the Store that is needed when a
                                      diskLocatorName is used.
         Guid[] StoreId: GUID of the Store that is needed when a
                          DiskLocatorName is used.
       storeName                     Name of the Store that is needed when a
                                      diskLocatorName is used.
         string[] StoreName: Name of the Store that is needed when a
                          DiskLocatorName is used.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
         DiskLocatorId
```

Mcli-Run ExportOemLicenses

```
    Oem Only: Export the Oem Licenses for the Devices to the fileName
      specified.
```
Export-PvsOemLicenses
```
  Oem Only: Export the Oem Licenses for the Devices to the fileName
    specified.
    -p                                Parameters needed for this Run.
     This required
```

```
    fileName                    Name of the file to export the Oem Licenses
                                to. This must be a full file path name.
      string FileName: Name of the file to export the Oem Licenses to. This
                    must be a full file path name.
One of these required
  deviceId                      GUID of the Device, or comma-delimited list
                                of Device GUIDs to Export Oem Licenses to
                                the fileName specified.
      Guid Guid or DeviceId: GUID of the Device to Export Oem Licenses to
                    the fileName specified.
  deviceName                    Name of the Device, or comma-delimited list
                                of Device Names to Export Oem Licenses to
                                the fileName specified.
      string Name or DeviceName: Name of the Device to Export Oem Licenses
                    to the fileName specified.
  deviceMac                     MAC of the Device, or comma-delimited list
                                of Device MACs to Export Oem Licenses to the
                                fileName specified.
      PvsPhysicalAddress DeviceMac: MAC of the Device to Export Oem
                    Licenses to the fileName specified.
  collectionId                  GUID of the Collection to Export all Device
                                Oem Licenses to the fileName specified.
      Guid CollectionId: GUID of the Collection to Export all Device Oem
                    Licenses to the fileName specified.
  siteViewId                    GUID of the Site View to Export all Device
                                Oem Licenses to the fileName specified.
      Guid SiteViewId: GUID of the Site View to Export all Device Oem
                    Licenses to the fileName specified.
  farmViewId                    GUID of the Farm View to Export all Device
                                Oem Licenses to the fileName specified.
      Guid FarmViewId: GUID of the Farm View to Export all Device Oem
                    Licenses to the fileName specified.
  farmViewName                  Name of the Farm View to Export all Device
                                Oem Licenses to the fileName specified.
      string FarmViewName: Name of the Farm View to Export all Device Oem
                    Licenses to the fileName specified.
or one of these required & resolutions
  collectionName                Name of the Collection to Export all Device
                                Oem Licenses to the fileName specified.
      string CollectionName: Name of the Collection to Export all Device
                    Oem Licenses to the fileName specified.
  siteViewName                  Name of the Site View to Export all Device
                                Oem Licenses to the fileName specified.
      string SiteViewName: Name of the Site View to Export all Device Oem
                    Licenses to the fileName specified.
One of these resolutions when needed
  siteId                        GUID of the Site.
      Guid SiteId: GUID of the Site.
  siteName                      Name of the Site.
      string SiteName: Name of the Site.
  Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        DeviceId, CollectionId, SiteViewId or FarmViewId
```

Mcli-Run ForceInventory

Force the Inventory service to refresh its Inventory Table.

Update-PvsInventory

Force the Inventory service to refresh its Inventory Table.

Mcli-Run ImportDevices

Import Devices from the contents of the comma or tab delimited fileName
    specified. Each record needs to have Device Name, Mac Address, Site Name,
    Collection Name, optional Description and optional Type. Description must
    exist for Type to be included, but it can have 0 length. Type can be 1
    when it performs test of Disks, 2 when it performs maintenance on Disks,
    and 0 otherwise.

Import-PvsDevices

Import Devices from the contents of the comma or tab delimited fileName
    specified. Each record needs to have Device Name, Mac Address, Site Name,
    Collection Name, optional Description and optional Type. Description must
    exist for Type to be included, but it can have 0 length. Type can be 1
    when it performs test of Disks, 2 when it performs maintenance on Disks,
    and 0 otherwise.

```
 -p                          Parameters needed for this Run.
  This required
   fileName                  Name of the file to import the Devices from.
                              This must be a full file path name.
     string[] Name or FileName: Name of the file to import the Devices
                       from. This must be a full file path name.
  One of these optional
   collectionId              GUID of the Collection to import the Devices
                              into.
     Guid[] CollectionId: GUID of the Collection to import the Devices
                       into.
   siteId                    GUID of the Site to import the Devices into.
     Guid[] SiteId: GUID of the Site to import the Devices into.
   siteName                  Name of the Site to import the Devices into.
     string[] SiteName: Name of the Site to import the Devices into.
  or this optional & resolution
   collectionName            Name of the Collection to import the Devices
                              into.
     string[] CollectionName: Name of the Collection to import the Devices
                       into.
  Optional
   copyTemplate              1 if the Template Device for the collection,
                              if it exists, should be used for the
                              property settings of the imported Devices.
     SwitchParameter CopyTemplate: If -CopyTemplate is specified, the
                       Template Device for the collection, if it exists,
                       will be used for the property settings of the
                       imported Devices.
   doNotCreateNewSites       1 if new Sites found in the file should not
                              be created. Default=0
     SwitchParameter DoNotCreateNewSites: If -DoNotCreateNewSites is
                       specified, new Sites found in the file will not be
                       created.
   doNotCreateNewCollections  1 if new Collections found in the file
                              should not be created. Default=0
```

```
                     SwitchParameter DoNotCreateNewCollections: If -
                             DoNotCreateNewCollections is specified, new
                             Collections found in the file will not be created.
          One of these resolutions when needed
           siteId                         GUID of the Site.
             Guid[] SiteId: GUID of the Site to import the Devices into.
           siteName                       Name of the Site.
             string[] SiteName: Name of the Site to import the Devices into.
          Instead of a parameter that matches one of the members listed
             PvsObject[] Object: PvsObjects with the members below can be used as
                             the Object parameter or from a pileline:
               CollectionId or SiteId
           Optional
             SwitchParameter Confirm: The impact of this operation is "medium". If
                             -Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "medium"
                             or "low" to have confirmation without the Confirm
                             parameter.
```

Mcli-Run ImportOemLicenses

```
   Oem Only: Import the Oem Licenses from the contents of the fileName
      specified.
```

Import-PvsOemLicenses

```
   Oem Only: Import the Oem Licenses from the contents of the fileName
      specified.
      -p                              Parameters needed for this Run.
       This required
         fileName                       Name of the file to import the Oem Licenses
                                         from. This must be a full file path name.
           string[] Name or FileName: Name of the file to import the Oem
                             Licenses from. This must be a full file path name.
         Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                             -Confirm is specified, the operation will be
                             confirmed. $ConfirmPreference can be set to "medium"
                             or "low" to have confirmation without the Confirm
                             parameter.
```

Mcli-Run MarkDown

```
   Mark Down a Device, Collection, View, Server or Site.
```

Invoke-PvsMarkDown

```
   Mark Down a Device, Collection, View, Server or Site.
      -p                              Parameters needed for this Run.
       One of these required
         deviceId                       GUID of the Device to Mark Down.
           Guid[] DeviceId: GUID of the Device to Mark Down.
         deviceName                     Name of the Device to Mark Down.
           string[] DeviceName: Name of the Device to Mark Down.
         deviceMac                      MAC of the Device to Mark Down.
           PvsPhysicalAddress[] DeviceMac: MAC of the Device to Mark Down.
         collectionId                   GUID of the Collection to Mark Down all
                                         Devices.
           Guid[] CollectionId: GUID of the Collection to Mark Down all Devices.
         siteViewId                     GUID of the Site View to Mark Down all
                                         Devices.
```

```
  Guid[] SiteViewId: GUID of the Site View to Mark Down all Devices.
 siteId                    GUID of the Site. Can be used alone to Mark
                           Down all Servers and Devices in the Site.
  Guid[] SiteId: GUID of the Site. Can be used alone to Mark Down all
                Servers and Devices in the Site.
 siteName                  Name of the Site. Can be used alone to Mark
                           Down all Servers and Devices in the Site.
   string[] SiteName: Name of the Site. Can be used alone to Mark Down
                all Servers and Devices in the Site.
 farmViewId                GUID of the Farm View to Mark Down all
                           Devices.
  Guid[] FarmViewId: GUID of the Farm View to Mark Down all Devices.
 farmViewName              Name of the Farm View to Mark Down all
                           Devices.
   string[] FarmViewName: Name of the Farm View to Mark Down all
                Devices.
 diskLocatorId             GUID of the DiskLocator to Mark Down all
                           Devices.
  Guid[] DiskLocatorId: GUID of the DiskLocator to Mark Down all
                Devices.
 serverId                  GUID of the Server to Mark Down.
  Guid[] ServerId: GUID of the Server to Mark Down.
 serverName                Name of the Server to Mark Down.
   string[] ServerName: Name of the Server to Mark Down.
or one of these required & resolutions
 collectionName            Name of the Collection to Mark Down all
                           Devices.
   string[] CollectionName: Name of the Collection to Mark Down all
                Devices.
 siteViewName              Name of the Site View to Mark Down all
                           Devices.
   string[] SiteViewName: Name of the Site View to Mark Down all
                Devices.
 diskLocatorName           Name of the DiskLocator to Mark Down all
                           Devices.
   string[] DiskLocatorName: Name of the DiskLocator to Mark Down all
                Devices.
One of these resolutions when needed
 siteId                    GUID of the Site.
   Guid[] SiteId: GUID of the Site. Can be used alone to Mark Down all
                Servers and Devices in the Site.
 siteName                  Name of the Site.
   string[] SiteName: Name of the Site. Can be used alone to Mark Down
                all Servers and Devices in the Site.
One of these resolutions when needed
 storeId                   GUID of the Store that is needed when a
                           diskLocatorName is used.
  Guid[] StoreId: GUID of the Store that is needed when a
                DiskLocatorName is used.
 storeName                 Name of the Store that is needed when a
                           diskLocatorName is used.
   string[] StoreName: Name of the Store that is needed when a
                DiskLocatorName is used.
 Instead of a parameter that matches one of the members listed
   PvsObject[] Object: PvsObjects with the members below can be used as
                the Object parameter or from a pileline:
```

```
                  DeviceId, CollectionId, SiteViewId, SiteId, FarmViewId,
                              DiskLocatorId or ServerId
            Optional
              SwitchParameter Confirm: The impact of this operation is "medium". If
                              -Confirm is specified, the operation will be
                              confirmed. $ConfirmPreference can be set to "medium"
                              or "low" to have confirmation without the Confirm
                              parameter.
```

Mcli-Run MergeDisk

```
  Merge the Disk.
```

Merge-PvsDisk

```
  Merge the Disk.
    -p                              Parameters needed for this Run.
     This required
      diskLocatorId               GUID of the Disk Locator File to Merge.
        Guid[] Guid or DiskLocatorId: GUID of the Disk Locator File to Merge.
     or this required & resolution
      diskLocatorName             Name of the Disk Locator File to Merge.
        string[] Name or DiskLocatorName: Name of the Disk Locator File to
                        Merge.
     Optional
      access                      Access to set the version to when merge is
                                  finished. Default value is found in the Farm
                                  mergeMode setting. Values are: 0
                                  (Production), 1 (Test) and 2 (Maintenance),
                                  Min=0, Max=2
         uint Access: Access to set the version to when merge is finished.
                        Default value is found in the Farm MergeMode
                        setting. Values are: 0 (Production), 1 (Test) and 2
                        (Maintenance), Min=0, Max=2
      base                        When 1, specifies to create a new base from
                                  last base plus all updates from that base.
                                  The default is to merge all updates from the
                                  last base by default.
         SwitchParameter NewBase: If -NewBase is specified, create a new base
                        from last base plus all updates from that base. The
                        default is to merge all updates from the last base
                        by default.
     One of these resolutions when needed
      siteId                      GUID of the Site.
        Guid[] SiteId: GUID of the Site.
      siteName                    Name of the Site.
        string[] SiteName: Name of the Site.
     One of these resolutions when needed
      storeId                     GUID of the Store that is needed when a
                                  diskLocatorName is used.
        Guid[] StoreId: GUID of the Store that is needed when a
                        DiskLocatorName is used.
      storeName                   Name of the Store that is needed when a
                                  diskLocatorName is used.
        string[] StoreName: Name of the Store that is needed when a
                        DiskLocatorName is used.
     Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
```

```
            DiskLocatorId
        Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Run PromoteDiskVersion

```
Commit the changes made in the current Maintenance or a Test version.
   Promotes the Maintenance version or a Test version to a Test or new
   Production version.
```

Invoke-PvsPromoteDiskVersion

```
Commit the changes made in the current Maintenance or a Test version.
   Promotes the Maintenance version or a Test version to a Test or new
   Production version.
 -p                          Parameters needed for this Run.
  This required
   diskLocatorId            GUID of the Disk Locator File to Promote the
                            Disk Version of.
     Guid[] Guid or DiskLocatorId: GUID of the Disk Locator File to
                     Promote the Disk Version of.
   or this required & resolution
   diskLocatorName          Name of the Disk Locator File to Promote the
                            Disk Version of.
     string[] Name or DiskLocatorName: Name of the Disk Locator File to
                     Promote the Disk Version of.
  Optional
   scheduledDate            Date/Time the new disk version will become
                            available. Format is: YYYY-MM-DD HH:MM
     DateTime ScheduledDate: Date/Time the new disk version will become
                     available. Uses only the date, hour and minute.
   testVersion              Specifies the Test version number that
                            should be Promoted to Production.
     uint TestVersion: Specifies the Test version number that should be
                     Promoted to Production.
   test                     Set the mode of the Maintenance version to
                            Test when 1. Default is 0.
     SwitchParameter Test: If -Test is specified, set the mode of the
                     Maintenance version to Test.
  One of these resolutions when needed
   siteId                   GUID of the Site.
     Guid[] SiteId: GUID of the Site.
   siteName                 Name of the Site.
     string[] SiteName: Name of the Site.
  One of these resolutions when needed
   storeId                  GUID of the Store that is needed when a
                            diskLocatorName is used.
     Guid[] StoreId: GUID of the Store that is needed when a
                     DiskLocatorName is used.
   storeName                Name of the Store that is needed when a
                            diskLocatorName is used.
     string[] StoreName: Name of the Store that is needed when a
                     DiskLocatorName is used.
   Instead of a parameter that matches one of the members listed
```

```
           PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
             DiskLocatorId
          Optional
            SwitchParameter Confirm: The impact of this operation is "low". If -
                          Confirm is specified, the operation will be
                          confirmed. $ConfirmPreference can be set to "low" to
                          have confirmation without the Confirm parameter.
```

Mcli-Run RemoveAuthGroup

```
Remove Farm, Site or Collection Authorization for an AuthGroup. If no Site
   or Collection is specified, Farm Authorization is removed for the
   AuthGroup.
```

Revoke-PvsAuthGroup

```
Remove Farm, Site or Collection Authorization for an AuthGroup. If no Site
   or Collection is specified, Farm Authorization is removed for the
   AuthGroup.
    -p                            Parameters needed for this Run.
     One of these required
      authGroupId               GUID of the AuthGroup to remove
                                  Authorization for.
        Guid[] Guid or AuthGroupId: GUID of the AuthGroup to remove
                          Authorization for.
      authGroupName             Name of the AuthGroup to remove
                                  Authorization for.
        string[] Name or AuthGroupName: Name of the AuthGroup to remove
                          Authorization for.
     One of these optional
      siteId                    GUID of the Site to remove Authorization for
                                  the AuthGroup.
        Guid[] SiteId: GUID of the Site to remove Authorization for the
                          AuthGroup.
      siteName                  Name of the Site to remove Authorization for
                                  the AuthGroup.
        string[] SiteName: Name of the Site to remove Authorization for the
                          AuthGroup.
      collectionId              GUID of the Collection to remove
                                  Authorization for the AuthGroup.
        Guid[] CollectionId: GUID of the Collection to remove Authorization
                          for the AuthGroup.
     or this optional & resolution
      collectionName            Name of the Collection to remove
                                  Authorization for the AuthGroup.
        string[] CollectionName: Name of the Collection to remove
                          Authorization for the AuthGroup.
     One of these resolutions when needed
      siteId                    GUID of the Site.
        Guid[] SiteId: GUID of the Site to remove Authorization for the
                          AuthGroup.
      siteName                  Name of the Site.
        string[] SiteName: Name of the Site to remove Authorization for the
                          AuthGroup.
     Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
          AuthGroupId, SiteId or CollectionId
```

```
         Optional
           SwitchParameter Confirm: The impact of this operation is "medium". If
                           -Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "medium"
                           or "low" to have confirmation without the Confirm
                           parameter.
```

Mcli-Run RemoveDevice

```
    Remove a Device from a View.
```
Remove-PvsDeviceFromView
```
    Remove a Device from a View.
       -p                           Parameters needed for this Run.
        One of these required
         deviceId                    GUID of the Device to Remove.
           Guid[] Guid or DeviceId: GUID of the Device to Remove.
         deviceName                  Name of the Device to Remove.
           string[] Name or DeviceName: Name of the Device to Remove.
         deviceMac                   MAC of the Device to Remove.
           PvsPhysicalAddress[] DeviceMac: MAC of the Device to Remove.
        One of these required
         siteViewId                  GUID of the Site View to Remove the Devices
                                      from.
           Guid[] SiteViewId: GUID of the Site View to Remove the Devices from.
         farmViewId                  GUID of the Farm View to Remove the Devices
                                      from.
           Guid[] FarmViewId: GUID of the Farm View to Remove the Devices from.
         farmViewName                Name of the Farm View to Remove the Devices
                                      from.
           string[] FarmViewName: Name of the Farm View to Remove the Devices
                           from.
        or this required & resolution
         siteViewName                Name of the Site View to Remove the Devices
                                      from.
           string[] SiteViewName: Name of the Site View to Remove the Devices
                           from.
        One of these resolutions when needed
         siteId                      GUID of the Site.
           Guid[] SiteId: GUID of the Site.
         siteName                    Name of the Site.
           string[] SiteName: Name of the Site.
         Instead of a parameter that matches one of the members listed
           PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
             DeviceId, SiteViewId or FarmViewId
         Optional
           SwitchParameter Confirm: The impact of this operation is "low". If -
                           Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "low" to
                           have confirmation without the Confirm parameter.
```

Mcli-Run RemoveDeviceFromDomain

```
    Remove a Device, all Devices in a Collection or View from a Domain.
```
Remove-PvsDeviceFromDomain
```
    Remove a Device, all Devices in a Collection or View from a Domain.
       -p                           Parameters needed for this Run.
```

```
One of these required
 deviceId                    GUID of the Device to Remove from the
                             Domain.
   Guid[] Guid or DeviceId: GUID of the Device to Remove from the
                    Domain.
 deviceName                  Name of the Device to Remove from the
                             Domain.
   string[] Name or DeviceName: Name of the Device to Remove from the
                    Domain.
 deviceMac                   MAC of the Device to Remove from the Domain.
   PvsPhysicalAddress[] DeviceMac: MAC of the Device to Remove from the
                    Domain.
 collectionId                GUID of the Collection to Remove all Devices
                             from the Domain.
   Guid[] CollectionId: GUID of the Collection to Remove all Devices
                    from the Domain.
 siteViewId                  GUID of the Site View to Remove all Devices
                             from the Domain.
   Guid[] SiteViewId: GUID of the Site View to Remove all Devices from
                    the Domain.
 farmViewId                  GUID of the Farm View to Remove all Devices
                             from the Domain.
   Guid[] FarmViewId: GUID of the Farm View to Remove all Devices from
                    the Domain.
 farmViewName                Name of the Farm View toRemove all Devices
                             from the Domain.
   string[] FarmViewName: Name of the Farm View toRemove all Devices
                    from the Domain.
or one of these required & resolutions
 collectionName              Name of the Collection to Remove all Devices
                             from the Domain.
   string[] CollectionName: Name of the Collection to Remove all Devices
                    from the Domain.
 siteViewName                Name of the Site View to Remove all Devices
                             from the Domain.
   string[] SiteViewName: Name of the Site View to Remove all Devices
                    from the Domain.
Optional
 domain                      Domain to remove the Device(s) from. If not
                             included, the first Domain Controller found
                             on the Server is used.
   string[] Domain: Domain to remove the Device(s) from. If not
                    included, the first Domain Controller found on the
                    Server is used.
One of these resolutions when needed
 siteId                      GUID of the Site.
   Guid[] SiteId: GUID of the Site.
 siteName                    Name of the Site.
   string[] SiteName: Name of the Site.
 Instead of a parameter that matches one of the members listed
   PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
    DeviceId, CollectionId, SiteViewId or FarmViewId
 Optional
   SwitchParameter Confirm: The impact of this operation is "medium". If
                    -Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "medium"
```

```
                                    or "low" to have confirmation without the Confirm
                                    parameter.
```

Mcli-Run RemoveDirectory

```
    Remove a Directory on the Server specified.
```
Remove-PvsDirectory
```
    Remove a Directory on the Server specified.
      -p                            Parameters needed for this Run.
       One of these required
        serverId                        GUID of the Server to remove a Directory
                                        from. The directory must be empty to be
                                        removed.
          Guid[] Guid or ServerId: GUID of the Server to remove a Directory
                            from. The directory must be empty to be removed.
        serverName                      Name of the Server to remove a Directory
                                        from. The directory must be empty to be
                                        removed.
          string[] Name or ServerName: Name of the Server to remove a Directory
                            from. The directory must be empty to be removed.
       This required
        path                            Path of the Directory to remove.
          string[] Path: Path of the Directory to remove.
       Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                            the Object parameter or from a pileline:
            ServerId
         Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                            -Confirm is specified, the operation will be
                            confirmed. $ConfirmPreference can be set to "medium"
                            or "low" to have confirmation without the Confirm
                            parameter.
```

Mcli-Run RemoveDisk

```
    Remove a Disk from an Update Task.
```
Remove-PvsDiskFromUpdateTask
```
    Remove a Disk from an Update Task.
      -p                            Parameters needed for this Run.
       This required
        diskLocatorId                   GUID of the Disk Locator to Remove.
          Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Remove.
       or this required & resolution
        diskLocatorName                 Name of the Disk Locator File to Remove.
          string[] Name or DiskLocatorName: Name of the Disk Locator File to
                            Remove.
       One of these optional
        updateTaskId                    GUID of the Update Task to Remove a Disk.
          Guid[] UpdateTaskId: GUID of the Update Task to Remove a Disk.
        updateTaskName                  Name of the Update Task to Remove a Disk.
          string[] UpdateTaskName: Name of the Update Task to Remove a Disk.
       One of these resolutions when needed
        siteId                          GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName                        Name of the Site.
          string[] SiteName: Name of the Site.
```

```
  One of these resolutions when needed
    storeId                      GUID of the Store that is needed when a
                                 diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                      DiskLocatorName is used.
    storeName                    Name of the Store that is needed when a
                                 diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                      DiskLocatorName is used.
  Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
       DiskLocatorId or UpdateTaskId
    Optional
      SwitchParameter Confirm: The impact of this operation is "medium". If
                      -Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "medium"
                      or "low" to have confirmation without the Confirm
                      parameter.
```

Mcli-Run RemoveDiskLocator

```
  Remove a Disk Locator from a Device, Collection, View, or Site.
```

Remove-PvsDiskLocatorFromDevice

```
  Remove a Disk Locator from a Device, Collection, View, or Site.
    -p                           Parameters needed for this Run.
     This required
      diskLocatorId              GUID of the Disk Locator to Remove.
        Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to Remove.
     or this required & resolution
      diskLocatorName            Name of the Disk Locator File to Remove.
        string[] Name or DiskLocatorName: Name of the Disk Locator File to
                      Remove.
     One of these optional
      deviceId                   GUID of the Device to Remove a Disk Locator.
        Guid[] DeviceId: GUID of the Device to Remove a Disk Locator.
      deviceName                 Name of the Device to Remove a Disk Locator.
        string[] DeviceName: Name of the Device to Remove a Disk Locator.
      deviceMac                  MAC of the Device to Remove a Disk Locator.
        PvsPhysicalAddress[] DeviceMac: MAC of the Device to Remove a Disk
                      Locator.
      collectionId               GUID of the Collection to Remove a Disk
                                 Locator or Locators from all Devices.
        Guid[] CollectionId: GUID of the Collection to Remove a Disk Locator
                      or Locators from all Devices.
      siteViewId                 GUID of the Site View to Remove a Disk
                                 Locator from all Devices.
        Guid[] SiteViewId: GUID of the Site View to Remove a Disk Locator
                      from all Devices.
      farmViewId                 GUID of the Farm View to Remove a Disk
                                 Locator from all Devices.
        Guid[] FarmViewId: GUID of the Farm View to Remove a Disk Locator
                      from all Devices.
      farmViewName               Name of the Farm View to Remove a Disk
                                 Locator from all Devices.
        string[] FarmViewName: Name of the Farm View to Remove a Disk Locator
                      from all Devices.
```

```
     or one of these optional & resolutions
      collectionName              Name of the Collection to Remove a Disk
                                    Locator or Locators from all Devices.
        string[] CollectionName: Name of the Collection to Remove a Disk
                        Locator or Locators from all Devices.
      siteViewName                Name of the Site View to Remove a Disk
                                    Locator from all Devices.
        string[] SiteViewName: Name of the Site View to Remove a Disk Locator
                        from all Devices.
  One of these resolutions when needed
    siteId                        GUID of the Site.
        Guid[] SiteId: GUID of the Site.
    siteName                      Name of the Site.
        string[] SiteName: Name of the Site.
  One of these resolutions when needed
    storeId                       GUID of the Store that is needed when a
                                    diskLocatorName is used.
        Guid[] StoreId: GUID of the Store that is needed when a
                        DiskLocatorName is used.
    storeName                     Name of the Store that is needed when a
                                    diskLocatorName is used.
        string[] StoreName: Name of the Store that is needed when a
                        DiskLocatorName is used.
    Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          DiskLocatorId, DeviceId, CollectionId, SiteViewId or FarmViewId
    Optional
        SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Run ResetDatabaseConnection

```
  Cause the database location to be reloaded.
```
Reset-PvsDatabase
```
  Cause the database location to be reloaded.
```

Mcli-Run ResetDeviceForDomain

```
  Reset a Device, all Devices in a Collection or View for a Domain.
```
Reset-PvsDeviceForDomain
```
  Reset a Device, all Devices in a Collection or View for a Domain.
    -p                            Parameters needed for this Run.
    One of these required
      deviceId                    GUID of the Device to Reset for the Domain.
        Guid[] Guid or DeviceId: GUID of the Device to Reset for the Domain.
      deviceName                  Name of the Device to Reset for the Domain.
        string[] Name or DeviceName: Name of the Device to Reset for the
                        Domain.
      deviceMac                   MAC of the Device to Reset for the Domain.
        PvsPhysicalAddress[] DeviceMac: MAC of the Device to Reset for the
                        Domain.
      collectionId                GUID of the Collection to Reset all Devices
                                    for the Domain.
```

```
    Guid[] CollectionId: GUID of the Collection to Reset all Devices for
                   the Domain.
  siteViewId               GUID of the Site View to Reset all Devices
                             for the Domain.
   Guid[] SiteViewId: GUID of the Site View to Reset all Devices for the
                   Domain.
  farmViewId               GUID of the Farm View to Reset all Devices
                             for the Domain.
   Guid[] FarmViewId: GUID of the Farm View to Reset all Devices for the
                   Domain.
  farmViewName             Name of the Farm View to Reset all Devices
                             for the Domain.
    string[] FarmViewName: Name of the Farm View to Reset all Devices for
                   the Domain.
or one of these required & resolutions
  collectionName           Name of the Collection to Reset all Devices
                             for the Domain.
   string[] CollectionName: Name of the Collection to Reset all Devices
                   for the Domain.
  siteViewName             Name of the Site View to Reset all Devices
                             for the Domain.
   string[] SiteViewName: Name of the Site View to Reset all Devices for
                   the Domain.
Optional
 domain                    Domain to Reset the Device(s) for. If not
                             included, the first Domain Controller found
                             on the Server is used.
   string[] Domain: Domain to Reset the Device(s) for. If not included,
                   the first Domain Controller found on the Server is
                   used.
  organizationUnit         Organizational Unit to reset the Device(s)
                             to. This parameter is optional. If it is not
                             specified, the account remains in its
                             existing OU. Child OU's should be delimited
                             with forward slashes, e.g.
                             "ParentOU/ChildOU". Special characters in an
                             OU name, such as '"', '#', '+', ',', ';',
                             '>', '=', must be escaped with a backslash.
                             For example, an OU called
                             "commaIn,TheMiddle" must be specified as
                             "commaIn\,TheMiddle". The old syntax of
                             delimiting child OU's with a comma is still
                             supported, but deprecated. Note that in this
                             case, the child OU comes first, e.g.
                             "ChildOU,ParentOU".
    string[] OrganizationUnit: Organizational Unit to reset the Device(s)
                   to. This parameter is optional. If it is not
                   specified, the account remains in its existing OU.
                   Child OU's should be delimited with forward slashes,
                   e.g. "ParentOU/ChildOU". Special characters in an OU
                   name, such as '"', '#', '+', ',', ';', '>', '=',
                   must be escaped with a backslash. For example, an OU
                   called "commaIn,TheMiddle" must be specified as
                   "commaIn\,TheMiddle". The old syntax of delimiting
                   child OU's with a comma is still supported, but
                   deprecated. Note that in this case, the child OU
                   comes first, e.g. "ChildOU,ParentOU".
```

```
     One of these resolutions when needed
       siteId                         GUID of the Site.
        Guid[] SiteId: GUID of the Site.
       siteName                       Name of the Site.
        string[] SiteName: Name of the Site.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          DeviceId, CollectionId, SiteViewId or FarmViewId
       Optional
         SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Run RestartStreamService

```
   Restart the Stream Service on a Server or all Servers in a Site.
```
Restart-PvsStreamService
```
   Restart the Stream Service on a Server or all Servers in a Site.
     -p                              Parameters needed for this Run.
      One of these required
       serverId                       GUID of the Server to restart the Stream
                                       Service.
         Guid[] Guid or ServerId: GUID of the Server to restart the Stream
                        Service.
       serverName                     Name of the Server to restart the Stream
                                       Service.
         string[] Name or ServerName: Name of the Server to restart the Stream
                        Service.
       siteId                         GUID of the Site to restart the Stream
                                       Service on all Servers.
         Guid[] SiteId: GUID of the Site to restart the Stream Service on all
                        Servers.
       siteName                       Name of the Site to restart the Stream
                                       Service on all Servers.
         string[] SiteName: Name of the Site to restart the Stream Service on
                        all Servers.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
          ServerId or SiteId
       Optional
         SwitchParameter Confirm: The impact of this operation is "medium". If
                        -Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "medium"
                        or "low" to have confirmation without the Confirm
                        parameter.
```

Mcli-Run RevertDiskVersion

```
   Set the existing highest version disk to Maintenance or Test mode. A
     specified version can be reverted to Test mode if there are no Production
     versions higher than it. If the mode is Test, it can be set to
     Maintenance.
```
Invoke-PvsRevertDiskVersion

Set the existing highest version disk to Maintenance or Test mode. A
  specified version can be reverted to Test mode if there are no Production
  versions higher than it. If the mode is Test, it can be set to
  Maintenance.
    -p   Parameters needed for this Run.
      This required
        diskLocatorId   GUID of the Disk Locator File to Revert.
          Guid[] Guid or DiskLocatorId: GUID of the Disk Locator File to
                         Revert.
      or this required & resolution
        diskLocatorName   Name of the Disk Locator File to Revert.
          string[] Name or DiskLocatorName: Name of the Disk Locator File to
                         Revert.
        Optional
          version   Specifies the version number that should be
                                        Reverted to Test mode.
            uint Version: Specifies the version number that should be Reverted to
                           Test mode.
          test   If reverting the highest version and 1 then
                                        set the access to Test, otherwise set it to
                                        Maintenance.
            SwitchParameter Test: If -Test is specified, when reverting the
                           highest version, the access will be set to Test,
                           otherwise set it to Maintenance.
      One of these resolutions when needed
        siteId   GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName   Name of the Site.
          string[] SiteName: Name of the Site.
      One of these resolutions when needed
        storeId   GUID of the Store that is needed when a
                                    diskLocatorName is used.
          Guid[] StoreId: GUID of the Store that is needed when a
                         DiskLocatorName is used.
        storeName   Name of the Store that is needed when a
                                    diskLocatorName is used.
          string[] StoreName: Name of the Store that is needed when a
                         DiskLocatorName is used.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
          DiskLocatorId
        Optional
          SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.

Mcli-Run SetOverrideVersion
  Specify a Disk Version all Production Devices will boot from.
Set-PvsOverrideVersion
  Specify a Disk Version all Production Devices will boot from.
    -p   Parameters needed for this Run.
      This required

```
        diskLocatorId              GUID of the Disk Locator File to Override
                                   the Production Version for.
    Guid[] Guid or DiskLocatorId: GUID of the Disk Locator File to
                      Override the Production Version for.
    or this required & resolution
      diskLocatorName            Name of the Disk Locator File to Override
                                   the Production Version for.
      string[] Name or DiskLocatorName: Name of the Disk Locator File to
                      Override the Production Version for.
    Optional
      version                    Version to set as the Override Production
                                   Version. If Version is not included and if
                                   there is an Override Production Version,
                                   then no longer have it as the Override
                                   Version.
      uint Version: Version to set as the Override Production Version. If
                      Version is not included and if there is an Override
                      Production Version, then no longer have it as the
                      Override Version.
    One of these resolutions when needed
      siteId                     GUID of the Site.
      Guid[] SiteId: GUID of the Site.
      siteName                   Name of the Site.
      string[] SiteName: Name of the Site.
    One of these resolutions when needed
      storeId                    GUID of the Store that is needed when a
                                   diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                      DiskLocatorName is used.
      storeName                  Name of the Store that is needed when a
                                   diskLocatorName is used.
      string[] StoreName: Name of the Store that is needed when a
                      DiskLocatorName is used.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
        DiskLocatorId
    Optional
      SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
```

Mcli-Run StartDeviceDiskTempVersionMode

```
    Set a Temporary Disk Version for the specified Device and optional
      DiskLocator. The Temporary Disk Version uses the production version that
      all production Devices boot from. Once set, the Device boots this
      Temporary Disk Version instead of any currently assigned vDisk. Not
      supported for non-production and Personal vDisk Devices. Cannot be done
      when the the Device already has a Temporary Disk Version, when the
      DiskLocator is using server side persistent cache mode or the active
      production version is in private mode.
```

Start-PvsDeviceDiskTempVersionMode

```
    Set a Temporary Disk Version for the specified Device and optional
      DiskLocator. The Temporary Disk Version uses the production version that
      all production Devices boot from. Once set, the Device boots this
```

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Temporary Disk Version instead of any currently assigned vDisk. Not
supported for non-production and Personal vDisk Devices. Cannot be done
when the the Device already has a Temporary Disk Version, when the
DiskLocator is using server side persistent cache mode or the active
production version is in private mode.
```
-p                              Parameters needed for this Run.
 One of these required
  deviceId                       GUID of the Device to start to use a
                                  temporary disk version.
    Guid[] Guid or DeviceId: GUID of the Device to start to use a
                      temporary disk version.
  deviceName                     Name of the Device to start to use a
                                  temporary disk version.
    string[] Name or DeviceName: Name of the Device to start to use a
                      temporary disk version.
  deviceMac                      MAC of the Device to start to use a
                                  temporary disk version.
    PvsPhysicalAddress[] DeviceMac: MAC of the Device to start to use a
                      temporary disk version.
 This optional
  diskLocatorId                  GUID of the Disk Locator to use a temporary
                                  version of. If not specified, the only Disk
                                  Locator assigned to the Device is used.
    Guid[] DiskLocatorId: GUID of the Disk Locator to use a temporary
                      version of. If not specified, the only Disk Locator
                      assigned to the Device is used.
 or this optional & resolution
  diskLocatorName                Name of the Disk Locator to use a temporary
                                  version of. If not specified, the only Disk
                                  Locator assigned to the Device is used.
    string[] DiskLocatorName: Name of the Disk Locator to use a temporary
                      version of. If not specified, the only Disk Locator
                      assigned to the Device is used.
 One of these resolutions when needed
  storeId                        GUID of the Store that is needed when a
                                  diskLocatorName is used.
    Guid[] StoreId: GUID of the Store that is needed when a
                      DiskLocatorName is used.
  storeName                      Name of the Store that is needed when a
                                  diskLocatorName is used.
    string[] StoreName: Name of the Store that is needed when a
                      DiskLocatorName is used.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
     DeviceId or DiskLocatorId
  Optional
    SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
```

Mcli-Run StartStreamService

Start the Stream Service on a Server or all Servers in a Site.

Start-PvsStreamService

Start the Stream Service on a Server or all Servers in a Site.

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```
-p                              Parameters needed for this Run.
 One of these required
  serverId                      GUID of the Server to start the Stream
                                   Service.
    Guid[] Guid or ServerId: GUID of the Server to start the Stream
                       Service.
  serverName                    Name of the Server to start the Stream
                                   Service.
    string[] Name or ServerName: Name of the Server to start the Stream
                       Service.
  siteId                        GUID of the Site to start the Stream Service
                                   on all Servers.
    Guid[] SiteId: GUID of the Site to start the Stream Service on all
                       Servers.
  siteName                      Name of the Site to start the Stream Service
                                   on all Servers.
    string[] SiteName: Name of the Site to start the Stream Service on
                       all Servers.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
      ServerId or SiteId
  Optional
    SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
```

Mcli-Run StopDeviceDiskTempVersionMode

Unset the Temporary Disk Version for the specified Device. The Device must
not currently be booted. Once removed, the Device again uses any
currently assigned vDisk when booted.

Stop-PvsDeviceDiskTempVersionMode

```
Unset the Temporary Disk Version for the specified Device. The Device must
not currently be booted. Once removed, the Device again uses any
currently assigned vDisk when booted.
-p                              Parameters needed for this Run.
 One of these required
  deviceId                      GUID of the Device to no longer use a
                                   temporary disk version for.
    Guid[] Guid or DeviceId: GUID of the Device to no longer use a
                       temporary disk version for.
  deviceName                    Name of the Device to no longer use a
                                   temporary disk version for.
    string[] Name or DeviceName: Name of the Device to no longer use a
                       temporary disk version for.
  deviceMac                     MAC of the Device to no longer use a
                                   temporary disk version for.
    PvsPhysicalAddress[] DeviceMac: MAC of the Device to no longer use a
                       temporary disk version for.
  diskLocatorId                 GUID of the DiskLocator to no longer use
                                   temporary disk versions for.
    Guid[] DiskLocatorId: GUID of the DiskLocator to no longer use
                       temporary disk versions for.
  siteId                        GUID of the Site for resolution of the
                                   diskLocatorName.
```

```
        Guid[] SiteId: GUID of the Site for resolution of the
                       DiskLocatorName.
   siteName                    Name of the Site for resolution of the
                               diskLocatorName.
      string[] SiteName: Name of the Site for resolution of the
                       DiskLocatorName.
 or this required & resolution
  diskLocatorName             Name of the DiskLocator to no longer use
                              temporary disk versions for.
     string[] DiskLocatorName: Name of the DiskLocator to no longer use
                       temporary disk versions for.
 This optional & resolution
  version                     Version of the DiskLocator to no longer use
                              temporary disk versions for.
     string[] Version: Version of the DiskLocator to no longer use
                       temporary disk versions for.
 One of these resolutions when needed
  siteId                      GUID of the Site.
     Guid[] SiteId: GUID of the Site for resolution of the
                       DiskLocatorName.
  siteName                    Name of the Site.
     string[] SiteName: Name of the Site for resolution of the
                       DiskLocatorName.
 One of these resolutions when needed
  diskLocatorId               GUID of the DiskLocator to no longer use
                              temporary disk versions for.
     Guid[] DiskLocatorId: GUID of the DiskLocator to no longer use
                       temporary disk versions for.
  diskLocatorName             Name of the DiskLocator to no longer use
                              temporary disk versions for.
     string[] DiskLocatorName: Name of the DiskLocator to no longer use
                       temporary disk versions for.
 One of these resolutions when needed
  storeId                     GUID of the Store that is needed when a
                              diskLocatorName is used.
     Guid[] StoreId: GUID of the Store that is needed when a
                       DiskLocatorName is used.
  storeName                   Name of the Store that is needed when a
                              diskLocatorName is used.
     string[] StoreName: Name of the Store that is needed when a
                       DiskLocatorName is used.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
     DeviceId, DiskLocatorId or SiteId
   Optional
     SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
```

Mcli-Run StopStreamService

```
  Stop the Stream Service on a Server or all Servers in a Site.
```

Stop-PvsStreamService

```
  Stop the Stream Service on a Server or all Servers in a Site.
    -p                        Parameters needed for this Run.
```

```
One of these required
  serverId                        GUID of the Server to stop the Stream
                                  Service.
    Guid[] Guid or ServerId: GUID of the Server to stop the Stream
                       Service.
  serverName                      Name of the Server to stop the Stream
                                  Service.
    string[] Name or ServerName: Name of the Server to stop the Stream
                       Service.
  siteId                          GUID of the Site to stop the Stream Service
                                  on all Servers.
    Guid[] SiteId: GUID of the Site to stop the Stream Service on all
                       Servers.
  siteName                        Name of the Site to stop the Stream Service
                                  on all Servers.
    string[] SiteName: Name of the Site to stop the Stream Service on all
                       Servers.
Instead of a parameter that matches one of the members listed
  PvsObject[] Object: PvsObjects with the members below can be used as
                     the Object parameter or from a pileline:
    ServerId or SiteId
  Optional
    SwitchParameter Confirm: The impact of this operation is "medium". If
                     -Confirm is specified, the operation will be
                     confirmed. $ConfirmPreference can be set to "medium"
                     or "low" to have confirmation without the Confirm
                     parameter.
```

Mcli-Run UnlockAllDisk

```
  Remove all locks for a Disk.
```

Unlock-PvsAllDisk

```
  Remove all locks for a Disk.
    -p                            Parameters needed for this Run.
   This required
    diskLocatorId                 GUID of the Disk Locator to remove all locks
                                  for the Disk.
      Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to remove all
                       locks for the Disk.
   or this required & resolution
    diskLocatorName               Name of Disk Locator to remove all locks for
                                  the Disk.
      string[] Name or DiskLocatorName: Name of Disk Locator to remove all
                       locks for the Disk.
  One of these resolutions when needed
    siteId                        GUID of the Site.
      Guid[] SiteId: GUID of the Site.
    siteName                      Name of the Site.
      string[] SiteName: Name of the Site.
  One of these resolutions when needed
    storeId                       GUID of the Store that is needed when a
                                  diskLocatorName is used.
      Guid[] StoreId: GUID of the Store that is needed when a
                       DiskLocatorName is used.
    storeName                     Name of the Store that is needed when a
                                  diskLocatorName is used.
```

```
        string[] StoreName: Name of the Store that is needed when a
                         DiskLocatorName is used.
     Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
        DiskLocatorId
     Optional
      SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Run UnlockDisk

```
   Remove lock for the Disk.
```

Unlock-PvsDisk

```
   Remove lock for the Disk.
      -p                         Parameters needed for this Run.
       This required
        diskLocatorId            GUID of the Disk Locator to remove a lock
                                  for the Disk.
          Guid[] Guid or DiskLocatorId: GUID of the Disk Locator to remove a
                         lock for the Disk.
      or this required & resolution
        diskLocatorName          Name of the Disk Locator to remove a lock
                                  for the Disk.
          string[] Name or DiskLocatorName: Name of the Disk Locator to remove
                         a lock for the Disk.
     Optional
        ownerId                  GUID of the Owner of the Disk Lock.
          Guid[] OwnerId: GUID of the Owner of the Disk Lock.
     One of these resolutions when needed
        siteId                   GUID of the Site.
          Guid[] SiteId: GUID of the Site.
        siteName                 Name of the Site.
          string[] SiteName: Name of the Site.
     One of these resolutions when needed
        storeId                  GUID of the Store that is needed when a
                                  diskLocatorName is used.
          Guid[] StoreId: GUID of the Store that is needed when a
                         DiskLocatorName is used.
        storeName                Name of the Store that is needed when a
                                  diskLocatorName is used.
          string[] StoreName: Name of the Store that is needed when a
                         DiskLocatorName is used.
     Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
        DiskLocatorId
     Optional
      SwitchParameter Confirm: The impact of this operation is "medium". If
                         -Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "medium"
                         or "low" to have confirmation without the Confirm
                         parameter.
```

Mcli-Run UnmapDisk

```
No longer Map the Disk.
```

Dismount-PvsDisk

```
No longer Map the Disk.
```

Mcli-Run ValidateDirectory

```
Validate a Directory on the Server specified.
```

Test-PvsDirectory

```
Validate a Directory on the Server specified.
  -p                          Parameters needed for this Run.
   One of these required
    serverId                  GUID of the Server to validate a Directory
                               on.
      Guid[] Guid or ServerId: GUID of the Server to validate a Directory
                         on.
    serverName                Name of the Server to validate a Directory
                               on.
      string[] Name or ServerName: Name of the Server to validate a
                         Directory on.
   This required
    path                      Path of the Directory to validate.
      string[] Path: Path of the Directory to validate.
   This optional
    readOnly                  1 when the directory should be validated for
                               a managed read-only store.
      SwitchParameter ReadOnly: If -ReadOnly is specified, the directory
                         should be validated for a managed read-only store.
   Instead of a parameter that matches one of the members listed
     PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
       ServerId
     Optional
     SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
```

Mcli-RunWithReturn

```
 Mcli-RunWithReturn commandName[ -p name=value[, name2=value2]]
```

Mcli-RunWithReturn Boot

```
Boot a Device, Collection or View. Returns a taskId of the Task being run.
  With the taskId, call ReturnWithReturn TaskStatus to get the percent
  complete, Get Task to get the results, and Run CancelTask to stop it
  early. The Task result has the deviceName/value of the devices that
  succeeded in the first name/value pair of each record of the XML.
```

Start-PvsDeviceBoot

```
Boot a Device, Collection or View. Returns a PvsTask of the Task being run.
  With the PvsTask, call Get-PvsTaskStatus to get the percent complete,
  Get-PvsTask to get the results, and Stop-PvsTask to stop it early. The
  PvsTask Results has the DeviceName/value of the devices that succeeded in
  the first name/value pair of each record of the XML.
  -p                          Parameters needed for this Run.
   One of these required
```

```
        deviceId                    GUID of the Device to Boot.
          Guid[] Guid or DeviceId: GUID of the Device to Boot.
        deviceName                  Name of the Device to Boot.
          string[] Name or DeviceName: Name of the Device to Boot.
        deviceMac                   MAC of the Device to Boot.
          PvsPhysicalAddress[] DeviceMac: MAC of the Device to Boot.
        collectionId                GUID of the Collection to Boot all Devices.
          Guid CollectionId: GUID of the Collection to Boot all Devices.
        siteViewId                  GUID of the Site View to Boot all Devices.
          Guid SiteViewId: GUID of the Site View to Boot all Devices.
        farmViewId                  GUID of the Farm View to Boot all Devices.
          Guid FarmViewId: GUID of the Farm View to Boot all Devices.
        farmViewName                Name of the Farm View to Boot all Devices.
          string FarmViewName: Name of the Farm View to Boot all Devices.
        deviceIdList                Comma delimited list of GUIDs of the Devices
                                     to Boot. Maximum length is 8000 characters.
        deviceNameList              Comma delimited list of Names of the Devices
                                     to Boot. Maximum length is 8000 characters.
        deviceMacList               Comma delimited list of MACs of the Devices
                                     to Boot. Maximum length is 8000 characters.
     or one of these required & resolutions
      collectionName                Name of the Collection to Boot all Devices.
        string CollectionName: Name of the Collection to Boot all Devices.
      siteViewName                  Name of the Site View to Boot all Devices.
        string SiteViewName: Name of the Site View to Boot all Devices.
     One of these resolutions when needed
      siteId                        GUID of the Site.
        Guid SiteId: GUID of the Site.
      siteName                      Name of the Site.
        string SiteName: Name of the Site.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
          DeviceName, CollectionId, SiteViewId or FarmViewId
      Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
    rv                              If successful, this rv is filled with a
                                     string.
      PvsTask: If successful, the PvsTask object for the process started is
                    returned.
```

Mcli-RunWithReturn CreateDisk

```
  Create a Disk and the Disk Locator for it. Return the GUID of the
    DiskLocator created. If "" is returned as the GUID, then call
    CreateDiskStatus to get the final GUID when processing finishes.
```

Start-PvsCreateDisk

```
  Create a Disk and the Disk Locator for it. Returns the PvsDiskLocator
    created if finished. If not returned, then call CreateDiskStatus to get
    the PvsDiskLocator when processing finishes.
    -p                            Parameters needed for this Run.
     This required
      name                        Name of the Disk file to be created.
        string Name: Name of the Disk file to be created.
```

This required
 size   Size of the disk in Megabytes for a fixed
                             size disk. Maximum size in Megabytes for a
                             dynamically sized disk. Min=1, VHD
                             Max=2088960, VHDX Max=67108864
   UInt64 Size: Size of the disk in Megabytes for a fixed size disk.
                 Maximum size in Megabytes for a dynamically sized
                 disk. Min=1, VHD Max=2088960, VHDX Max=67108864
One of these required
 storeId   GUID of the Store that the Disk will be a
                             member of.
   Guid StoreId: GUID of the Store that the Disk will be a member of.
 storeName   Name of the Store that the Disk will be a
                             member of.
   string StoreName: Name of the Store that the Disk will be a member
                 of.
One of these required
 siteId   GUID of the Site.
   Guid SiteId: GUID of the Site.
 siteName   Name of the Site.
   string SiteName: Name of the Site.
One of these optional
 serverId   GUID of the only Server for this Disk.
   Guid ServerId: GUID of the only Server for this Disk.
 serverName   Name of the only Server for this Disk.
   string ServerName: Name of the only Server for this Disk.
Optional
 description   Description of the Disk that will be placed
                             in the Disk Locator.
   string Description: Description of the Disk that will be placed in
                 the Disk Locator.
 enabled   The Disk will be created disabled if set to
                             0. It is created Enabled by default.
                             Default=1
   SwitchParameter CreateDiskDisabled: If -CreateDiskDisabled is
                 specified, the Disk will be created disabled. It is
                 created Enabled by default.
 format   Format of the image. Values are: 0 (VHD), 1
                             (VHDX), Default=0
   SwitchParameter VHDX: If -VHDX is specified, VHDX will be used for
                 the format of the image. VHDX has a Block size of 32
                 MB. VHD is the default.
 type   Type that will be created. 1 for dynamic, or
                             0 for fixed. Default=1 for VHDX, 0 for VHD
   SwitchParameter Dynamic: If -Dynamic is specified, a dynamic VHD that
                 will be created. The default is fixed.
 vhdBlockSize   Block size in KB. For VHD it is only used
                             with Dynamic type. Tested sizes for VHD are
                             512, 2048, and 16384. VHD Min=512,
                             Max=16384, Default=2048. For VHDX it is used
                             for all types. Tested size for VHDX is
                             32768. VHDX Min=1024, Max= 262144,
                             Default=32768.
   uint VhdBlockSize: Block size in KB. For VHD it is only used with
                 Dynamic type. Tested sizes for VHD are 512, 2048,
                 and 16384. VHD Min=512, Max=16384, Default=2048. For

VHDX it is used for all types. Tested size for VHDX
is 32768. VHDX Min=1024, Max= 262144, Default=32768.
        logicalSectorSize   Only used with VHDX format. Logical Sector
Size. Values are: 512, 4096, Default=512
uint LogicalSectorSize: Only used with VHDX format. Logical Sector
Size. Values are: 512, 4096, Default=512
     Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
the Object parameter or from a pileline:
       StoreId, SiteId or ServerId
     Optional
      SwitchParameter Confirm: The impact of this operation is "low". If -
Confirm is specified, the operation will be
confirmed. $ConfirmPreference can be set to "low" to
have confirmation without the Confirm parameter.
   rv   If successful, this rv is filled with a
string.
    PvsDiskLocator: If the create is already finished and successful, the
PvsDiskLocator is returned.

Mcli-RunWithReturn CreateDiskStatus

Get the Percent Finished for an active CreateDisk. When finished, the GUID
of the DiskLocator created is returned.

Get-PvsCreateDiskStatus

Get the Percent Finished for an active CreateDisk. When finished, the
PvsDiskLocator created is returned.
   -p   Parameters needed for this Run.
   This required
    name   Name of the Disk file that is being created.
     string Name: Name of the Disk file that is being created.
   One of these required
    storeId   GUID of the Store that the Disk will be a
member of.
     Guid StoreId: GUID of the Store that the Disk will be a member of.
    storeName   Name of the Store that the Disk will be a
member of.
     string StoreName: Name of the Store that the Disk will be a member
of.
    Instead of a parameter that matches one of the members listed
      PvsObject[] Object: PvsObjects with the members below can be used as
the Object parameter or from a pileline:
       StoreId
   rv   If successful, this rv is filled with a
string.
   UInt32 or PvsDiskLocator: If not finished, the percent complete is
returned in an UInt32. If finished and successful, the
PvsDiskLocator is returned.

Mcli-RunWithReturn CreateMaintenanceVersion

Create a Maintenance version for the Disk Locator. Return the name of the
new version file.

New-PvsDiskMaintenanceVersion

Create a Maintenance version for the Disk Locator. Returns a PvsDiskVersion
when successful.
   -p   Parameters needed for this Run.

```
         This required
          diskLocatorId              GUID of the Disk Locator File to Enable Disk
                                     Maintenance on.
             Guid DiskLocatorId: GUID of the Disk Locator File to Enable Disk
                            Maintenance on.
         or this required & resolution
          diskLocatorName            Name of the Disk Locator File to Enable Disk
                                     Maintenance on.
             string DiskLocatorName: Name of the Disk Locator File to Enable Disk
                            Maintenance on.
         One of these resolutions when needed
          siteId                     GUID of the Site.
             Guid SiteId: GUID of the Site.
          siteName                   Name of the Site.
             string SiteName: Name of the Site.
         One of these resolutions when needed
          storeId                    GUID of the Store that is needed when a
                                     diskLocatorName is used.
             Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                            is used.
          storeName                  Name of the Store that is needed when a
                                     diskLocatorName is used.
             string StoreName: Name of the Store that is needed when a
                            DiskLocatorName is used.
          Instead of a parameter that matches one of the members listed
             PvsObject[] Object: PvsObjects with the members below can be used as
                            the Object parameter or from a pileline:
               DiskLocatorId
             Optional
             SwitchParameter Confirm: The impact of this operation is "low". If -
                            Confirm is specified, the operation will be
                            confirmed. $ConfirmPreference can be set to "low" to
                            have confirmation without the Confirm parameter.
        rv                           If successful, this rv is filled with a
                                     string.
           PvsDiskVersion: If successful, the new PvsDiskVersion object is
                       returned.
```

Mcli-RunWithReturn DeviceCount

```
   Get count of Devices in a Collection or View.
```
Get-PvsDeviceCount
```
   Get count of Devices in a Collection or View.
     -p                           Parameters needed for this Run.
      One of these required
       collectionId               GUID of the Collection to get the Device
                                  Count of.
          Guid CollectionId: GUID of the Collection to get the Device Count of.
       siteViewId                 GUID of the Site View to get the Device
                                  Count of.
          Guid SiteViewId: GUID of the Site View to get the Device Count of.
       farmViewId                 GUID of the Farm View to get the Device
                                  Count of.
          Guid FarmViewId: GUID of the Farm View to get the Device Count of.
       farmViewName               Name of the Farm View to get the Device
                                  Count of.
```

```
            string FarmViewName: Name of the Farm View to get the Device Count
                          of.
     or one of these required & resolutions
       collectionName              Name of the Collection to get the Device
                                   Count of.
         string CollectionName: Name of the Collection to get the Device Count
                          of.
       siteViewName                Name of the Site View to get the Device
                                   Count of.
         string SiteViewName: Name of the Site View to get the Device Count
                          of.
     One of these resolutions when needed
       siteId                      GUID of the Site.
         Guid SiteId: GUID of the Site.
       siteName                    Name of the Site.
         string SiteName: Name of the Site.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
           CollectionId, SiteViewId or FarmViewId
     rv                            If successful, this rv is filled with a
                                   string.
       UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn DiskLocatorCount

```
   Get count of Disk Locators for a Site and Type.
```

Get-PvsDiskLocatorCount

```
   Get count of Disk Locators for a Site and Type.
     -p                            Parameters needed for this Run.
     One of these required
       siteId                      GUID of the Site to get the Disk Locator
                                   Count of.
         Guid SiteId: GUID of the Site to get the Disk Locator Count of.
       siteName                    Name of the Site to get the Disk Locator
                                   Count of.
         string SiteName: Name of the Site to get the Disk Locator Count of.
     One of these optional
       single                      Include single server connection when set to
                                   1. If this and All are not included, both
                                   connection types are included.
         SwitchParameter Single: If -Single is specified, include single
                          server connection. If this and All are not included,
                          both connection types are included.
       all                         Include all server connections for the store
                                   when set to 1. If this and Single are not
                                   included, both connection types are
                                   included.
         SwitchParameter All: If -All is specified, include all server
                          connections for the store. If this and Single are
                          not included, both connection types are included.
       Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                          the Object parameter or from a pileline:
           SiteId
     rv                            If successful, this rv is filled with a
                                   string.
```

Mcli-RunWithReturn DisplayMessage

Display a message on a Device, a Site, Collection or View. Returns a taskId of the Task being run. With the taskId, call ReturnWithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

Start-PvsDisplayMessage

Display a message on a Device, Collection or View. Returns a PvsTask of the Task being run. With the PvsTask, call Get-PvsTaskStatus to get the percent complete, Get-PvsTask to get the results, and Stop-PvsTask to stop it early. The PvsTask Results has the DeviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

```
-p                              Parameters needed for this Run.
 This required
  message                       Message to display on the Device(s).
    string Message: Message to display on the Device(s).
 One of these required
  deviceId                      GUID of the Device to Display a Message.
   Guid[] DeviceId: GUID of the Device to Display a Message.
  deviceName                    Name of the Device to Display a Message.
   string[] DeviceName: Name of the Device to Display a Message.
  deviceMac                     MAC of the Device to Display a Message.
   PvsPhysicalAddress[] DeviceMac: MAC of the Device to Display a
                    Message.
  collectionId                  GUID of the Collection to Display a Message
                                 on all Devices.
   Guid CollectionId: GUID of the Collection to Display a Message on all
                    Devices.
  siteViewId                    GUID of the Site View to Display a Message
                                 all Devices.
   Guid SiteViewId: GUID of the Site View to Display a Message all
                    Devices.
  farmViewId                    GUID of the Farm View to Display a Message
                                 on all Devices.
   Guid FarmViewId: GUID of the Farm View to Display a Message on all
                    Devices.
  farmViewName                  Name of the Farm View to Display a Message
                                 on all Devices.
   string FarmViewName: Name of the Farm View to Display a Message on
                    all Devices.
  deviceIdList                  Comma delimited list of GUIDs of the Devices
                                 to Display a Message. Maximum length is 8000
                                 characters.
  deviceNameList                Comma delimited list of Names of the Devices
                                 to Display a Message. Maximum length is 8000
                                 characters.
  deviceMacList                 Comma delimited list of MACs of the Devices
                                 to Display a Message. Maximum length is 8000
                                 characters.
 or one of these required & resolutions
  collectionName                Name of the Collection to Display a Message
                                 on all Devices.
```

```
                  string CollectionName: Name of the Collection to Display a Message on
                               all Devices.
         siteViewName                  Name of the Site View to Display a Message
                                        on all Devices.
                  string SiteViewName: Name of the Site View to Display a Message on
                               all Devices.
      One of these resolutions when needed
       siteId                          GUID of the Site.
          Guid SiteId: GUID of the Site.
       siteName                        Name of the Site.
          string SiteName: Name of the Site.
       Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                               the Object parameter or from a pileline:
            DeviceName, CollectionId, SiteViewId or FarmViewId
       Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                               Confirm is specified, the operation will be
                               confirmed. $ConfirmPreference can be set to "low" to
                               have confirmation without the Confirm parameter.
         rv                            If successful, this rv is filled with a
                                        string.
          PvsTask: If successful, the PvsTask object for the process started is
                     returned.
```

Mcli-RunWithReturn Exists

```
   Return 1 if a Site, Server, Collection, View, Device, Store, Update Task or
      Virtual Hosting Pool Name is already used. If a collectionName,
      siteViewName, updateTaskName or virtualHostingPoolName is specified,
      siteName or siteId must be included.
```

Get-PvsExists

```
   Return true if a Site, Server, Collection, View, Device, Store, Update Task
      or Virtual Hosting Pool Name is already used. If a CollectionName,
      SiteViewName, UpdateTaskName or VirtualHostingPoolName is specified,
      SiteName or SiteId must be included.
      -p                            Parameters needed for this Run.
       One of these required
        siteName                       Name of the Site.
          string SiteName: Name of the Site.
        serverName                     Server name, to see if it is already used in
                                        the Farm.
           string ServerName: Server name, to see if it is already used in the
                        Farm.
        farmViewName                   Farm View name, to see if it is already used
                                        in the Farm.
          string FarmViewName: Farm View name, to see if it is already used in
                        the Farm.
        deviceName                     Device name, to see if it is already used in
                                        the Farm.
          string DeviceName: Device name, to see if it is already used in the
                        Farm.
        deviceMac                      Device MAC, to see if it is already used in
                                        the Farm.
          PvsPhysicalAddress[] DeviceMac: Device MAC, to see if it is already
                        used in the Farm.
        storeName                      Store name, to see if it is already used.
```

string StoreName: Store name, to see if it is already used.
　or one of these required & resolutions
　　collectionName　　　　　　　Collection name, to see if it is already
　　　　　　　　　　　　　　　　used in a Site.
　　　string CollectionName: Collection name, to see if it is already used
　　　　　　　　　in a Site.
　　siteViewName　　　　　　　Site View name, to see if it is already used
　　　　　　　　　　　　　　　　in the Site.
　　　string SiteViewName: Site View name, to see if it is already used in
　　　　　　　　　the Site.
　　virtualHostingPoolName　Virtual Hosting Pool name, to see if it is
　　　　　　　　　　　　　　　　already used in a Site.
　　　string VirtualHostingPoolName: Virtual Hosting Pool name, to see if
　　　　　　　　　it is already used in a Site.
　　updateTaskName　　　　　　Update Task name, to see if it is already
　　　　　　　　　　　　　　　　used in a Site.
　　　string UpdateTaskName: Update Task name, to see if it is already used
　　　　　　　　　in a Site.
　　diskLocatorName　　　　　　DiskLocator name, to see if it is already
　　　　　　　　　　　　　　　　used in a Site.
　　　string DiskLocatorName: DiskLocator name, to see if it is already
　　　　　　　　　used in a Site.
　One of these resolutions when needed
　　siteName　　　　　　　　　Name of the Site.
　　　string SiteName: Name of the Site.
　　siteId　　　　　　　　　　GUID of the Site.
　　　Guid SiteId: GUID of the Site.
　One of these resolutions when needed
　　storeId　　　　　　　　　GUID of the Store that is needed when a
　　　　　　　　　　　　　　　　diskLocatorName is used.
　　　Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
　　　　　　　　　is used.
　　storeName　　　　　　　　Name of the Store that is needed when a
　　　　　　　　　　　　　　　　diskLocatorName is used.
　　　string StoreName: Store name, to see if it is already used.
　rv　　　　　　　　　　　　If successful, this rv is filled with a
　　　　　　　　　　　　　　　string.
　　Boolean: If successful, $true or $false is returned.

Mcli-RunWithReturn ImportDisk

Import a Disk. It will add a Disk Locator for the Disk to the Site. A
manifest file must exist in the Store. The return value is the GUID of
the DiskLocator added.

Import-PvsDisk

Import a Disk. It will add a Disk Locator for the Disk to the Site. A
manifest file must exist in the Store. If successful, the new
PvsDiskLocator is returned.
　-p　　　　　　　　　　　Parameters needed for this Run.
　This required & resolution
　　diskLocatorName　　　　　Name of the Disk Locator File. It is unique
　　　　　　　　　　　　　　　within the Store. ASCII Max Length=52
　　　string Name or DiskLocatorName: Name of the Disk Locator File. It is
　　　　　　　　　unique within the Store. ASCII Max Length=52
　　One of these optional

```
serverId                  GUID of the single Server that this Disk
                          Locator is assigned to. It is not used with
                          serverName. Default=null Length=36
  Guid ServerId: GUID of the single Server that this Disk Locator is
              assigned to. It is not used with ServerName.
              Default=00000000-0000-0000-0000-000000000000
  serverName              Name of the single Server that this Disk
                          Locator is assigned to. It is not used with
                          serverId. Default=null
    string ServerName: Name of the single Server that this Disk Locator
              is assigned to. It is not used with ServerId.
              Default=""
Optional
  description             User description. Default="" Max Length=250
    string Description: User description. Default="" Max Length=250
  menuText                Text that is displayed in the Boot Menu. If
                          this field has no value, the name value is
                          used. Default="" ASCII Max Length=64
    string MenuText: Text that is displayed in the Boot Menu. If this
              field has no value, the name value is used.
              Default="" ASCII Max Length=64
  enabled                 1 when this disk can be booted, 0 otherwise.
                          Default=1
    SwitchParameter Enabled: True when this disk can be booted, false
              otherwise. Default=true
  rebalanceEnabled        1 when this Server can automatically
                          rebalance Devices, 0 otherwise. Default=0
    SwitchParameter RebalanceEnabled: True when this Server can
              automatically rebalance Devices, false otherwise.
              Default=false
  rebalanceTriggerPercent Percent over fair load that triggers a
                          dynamic Device rebalance. Min=5, Max=5000,
                          Default=25
    uint RebalanceTriggerPercent: Percent over fair load that triggers a
              dynamic Device rebalance. Min=5, Max=5000,
              Default=25
  subnetAffinity          Qualifier for subnet affinity when assigning
                          a Server. 0=None, 1=Best Effort, 2=Fixed.
                          Min=0, Max=2, Default=0
    uint SubnetAffinity: Qualifier for subnet affinity when assigning a
              Server. 0=None, 1=Best Effort, 2=Fixed. Min=0,
              Max=2, Default=0
  format                  Format of the image. Values are: 0 (VHD), 1
                          (VHDX), Default=0
    SwitchParameter VHDX: If -VHDX is specified, VHDX will be used for
              the format of the image. VHDX has a Block size of 32
              MB. VHD is the default.
One of these resolutions when needed
  siteId                  GUID of the Site.
    Guid SiteId: GUID of the Site.
  siteName                Name of the Site.
    string SiteName: Name of the Site.
One of these resolutions when needed
  storeId                 GUID of the Store that is needed when a
                          diskLocatorName is used.
    Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
              is used.
```

```
            storeName                      Name of the Store that is needed when a
                                           diskLocatorName is used.
```
```
        Instead of a parameter that matches one of the members listed
```
```
      rv                               If successful, this rv is filled with a
                                       string.
```

Mcli-RunWithReturn ListDirectories

```
    Look for Directories or Drives on the Server specified. Return a comma
      delimited list of the Directories or Drives found.
```

Get-PvsDirectory

```
      -p                               Parameters needed for this Run.
       One of these required
        serverId                       GUID of the Server to get a list of
                                       Directories or Drives.
```
```
        serverName                     Name of the Server to get a list of
                                       Directories or Drives.
```
```
       Optional
        path                           Path to get list of Directories for. If not
                                       specified, the Drives are returned.
```
```
      rv                               If successful, this rv is filled with a
                                       string.
```

Mcli-RunWithReturn MaintenanceVersionExists

```
    Return 1 if the if the DiskLocator has a maintenance version, 0 otherwise.
```

Get-PvsMaintenanceVersionExists

```
      -p                               Parameters needed for this Run.
       This required
```

```
        diskLocatorId              DiskLocator GUID, to see if it has a
                                   maintenance version.
      Guid Guid or DiskLocatorId: DiskLocator GUID, to see if it has a
                     maintenance version.
   or this required & resolution
      diskLocatorName             DiskLocator name, to see if it has a
                                   maintenance version.
        string Name or DiskLocatorName: DiskLocator name, to see if it has a
                     maintenance version.
   One of these resolutions when needed
     siteId                        GUID of the Site.
       Guid SiteId: GUID of the Site.
     siteName                      Name of the Site.
         string SiteName: Name of the Site.
   One of these resolutions when needed
      storeId                      GUID of the Store that is needed when a
                                   diskLocatorName is used.
        Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                     is used.
      storeName                    Name of the Store that is needed when a
                                   diskLocatorName is used.
        string StoreName: Name of the Store that is needed when a
                     DiskLocatorName is used.
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                     the Object parameter or from a pileline:
         DiskLocatorId
   rv                             If successful, this rv is filled with a
                                   string.
     Boolean: If successful, $true or $false is returned.
```

Mcli-RunWithReturn MapDisk

```
   Map a disk. If successful, the drive letter or an empty string is returned.
      An empty string can be returned if a drive letter was not assigned by the
      operating system before the maxDiskLetterWaitSeconds is used up.
```

Mount-PvsDisk

```
   Mount a disk. If successful, the drive letter or an empty string is
      returned. An empty string can be returned if a drive letter was not
      assigned by the operating system before the maxDiskLetterWaitSeconds is
      used up.
      -p                           Parameters needed for this Run.
       This required
        diskLocatorId              GUID of the Disk Locator to Map the Disk.
          Guid Guid or DiskLocatorId: GUID of the Disk Locator to Mount the
                       Disk.
       or this required & resolution
        diskLocatorName            Name of the Disk Locator to Map the Disk.
          string Name or DiskLocatorName: Name of the Disk Locator to Mount the
                       Disk.
       One of these optional
        serverId                   Specific Server GUID to use to Map the Disk.
          Guid ServerId: Specific Server GUID to use to Mount the Disk.
        serverName                 Specific Server Name to use to Map the Disk.
           string ServerName: Specific Server Name to use to Mount the Disk.
       Optional
```

```
        maxDiskLetterWaitSeconds   Once mapping a disk is successful, this is
                                   the maximum amount of seconds spent waiting
                                   for the operating system to return a drive
                                   letter. If the operating system does not
                                   return a drive letter before the maximum
                                   wait time, then an empty string is returned.
                                   Default=30
           uint MaxDiskLetterWaitSeconds: Once mapping a disk is successful,
                           this is the maximum amount of seconds spent waiting
                           for the operating system to return a drive letter.
                           If the operating system does not return a drive
                           letter before the maximum wait time, then an empty
                           string is returned. Default=30
       One of these resolutions when needed
        siteId                     GUID of the Site.
          Guid SiteId: GUID of the Site.
        siteName                   Name of the Site.
          string SiteName: Name of the Site.
       One of these resolutions when needed
        storeId                    GUID of the Store that is needed when a
                                   diskLocatorName is used.
          Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                           is used.
        storeName                  Name of the Store that is needed when a
                                   diskLocatorName is used.
          string StoreName: Name of the Store that is needed when a
                           DiskLocatorName is used.
       Instead of a parameter that matches one of the members listed
          PvsObject[] Object: PvsObjects with the members below can be used as
                           the Object parameter or from a pileline:
            DiskLocatorId or ServerId
          Optional
          SwitchParameter Confirm: The impact of this operation is "low". If -
                           Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "low" to
                           have confirmation without the Confirm parameter.
     rv                            If successful, this rv is filled with a
                                   string.
          String: If successful, the String value is returned.
```

Mcli-RunWithReturn MappedDiskId

```
     If there is currently a mapped disk, return the diskLocatorId of the mapped
        disk.
```

Get-PvsMountedDisk

```
  Get the mounted disk, if there is one.
     -p                            Parameters needed for this Run.
       One of these optional
        serverId                   GUID of the Server.
          Guid ServerId: GUID of the Server.
        serverName                 Name of the Server.
          string ServerName: Name of the Server.
       One of these optional
        storeId                    GUID of the Store.
          Guid StoreId: GUID of the Store.
        storeName                  Name of the Store.
          string StoreName: Name of the Store.
```

Instead of a parameter that matches one of the members listed
PvsObject[] Object: PvsObjects with the members below can be used as
the Object parameter or from a pileline:
ServerId or StoreId
rv   If successful, this rv is filled with a
string.
PvsDiskLocator: If successful, the mapped PvsDiskLocator is returned.

Mcli-RunWithReturn MappedDriveLetter

If there is currently a Mapped Drive, return the Letter of the Drive.
Get-PvsMountedDriveLetter
If there is currently a Mounted Drive, return the Letter of the Drive.
rv   If successful, this rv is filled with a
string.
String: If successful, the String value is returned.

Mcli-RunWithReturn MinimumLastAutoAddDeviceNumber

Get the minimum that the Device Number of the last Auto Added Device can
be.
Get-PvsMinimumLastAutoAddDeviceNumber
Get the minimum that the Device Number of the last Auto Added Device can
be.
-p   Parameters needed for this Run.
This required
collectionId   GUID of the Collection to get the Minimum
lastAutoAddDeviceNumber for.
Guid CollectionId: GUID of the Collection to get the Minimum
LastAutoAddDeviceNumber for.
or this required & resolution
collectionName   Name of the Collection to get the Minimum
lastAutoAddDeviceNumber for.
string CollectionName: Name of the Collection to get the Minimum
LastAutoAddDeviceNumber for.
Optional
autoAddPrefix   The string put before the Device Number for
Auto Add.
string AutoAddPrefix: The string put before the Device Number for
Auto Add.
autoAddSuffix   The string put after the Device Number for
Auto Add.
string AutoAddSuffix: The string put after the Device Number for Auto
Add.
autoAddNumberLength   The maximum length of the Device Number for
Auto Add. This length plus the autoAddPrefix
length plus the autoAddSuffix length must be
less than 16.
uint AutoAddNumberLength: The maximum length of the Device Number for
Auto Add. This length plus the AutoAddPrefix length
plus the AutoAddSuffix length must be less than 16.
One of these resolutions when needed
siteId   GUID of the Site.
Guid SiteId: GUID of the Site.
siteName   Name of the Site.
string SiteName: Name of the Site.
Instead of a parameter that matches one of the members listed

```
            PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
            CollectionId
    rv                                    If successful, this rv is filled with a
                                       string.
      UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn RebalanceDevices

Rebalance Devices for a Server. When successful, returns the number of
Devices affected.

Invoke-PvsRebalanceDevices

Rebalance Devices for a Server. When successful, returns the number of
Devices affected.

```
    -p                                    Parameters needed for this Run.
     One of these required
      serverId                      GUID of the Server to Rebalance Devices on,
                                     serverName.
        Guid Guid or ServerId: GUID of the Server to Rebalance Devices on,
                          ServerName.
      serverName                    Name of the Server to Rebalance Devices on,
                                     serverId.
        string Name or ServerName: Name of the Server to Rebalance Devices
                          on, ServerId.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                         the Object parameter or from a pileline:
          ServerId
     Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                         Confirm is specified, the operation will be
                         confirmed. $ConfirmPreference can be set to "low" to
                         have confirmation without the Confirm parameter.
    rv                                    If successful, this rv is filled with a
                                       string.
      UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn Reboot

Reboot a Device, Collection or View. Returns a taskId of the Task being
run. With the taskId, call ReturnWithReturn TaskStatus to get the percent
complete, Get Task to get the results, and Run CancelTask to stop it
early. The Task result has the deviceName/value of the devices that
succeeded in the first name/value pair of each record of the XML.

Start-PvsDeviceReboot

Reboot a Device, Collection or View. Returns a PvsTask of the Task being
run. With the PvsTask, call Get-PvsTaskStatus to get the percent
complete, Get-PvsTask to get the results, and Stop-PvsTask to stop it
early. The PvsTask Results has the DeviceName/value of the devices that
succeeded in the first name/value pair of each record of the XML.

```
    -p                                    Parameters needed for this Run.
     One of these required
      deviceId                      GUID of the Device to Reboot.
        Guid[] DeviceId: GUID of the Device to Reboot.
      deviceName                    Name of the Device to Reboot.
        string[] DeviceName: Name of the Device to Reboot.
      deviceMac                     MAC of the Device to Reboot.
```

```
      PvsPhysicalAddress[] DeviceMac: MAC of the Device to Reboot.
 collectionId                GUID of the Collection to Reboot all
                             Devices.
   Guid CollectionId: GUID of the Collection to Reboot all Devices.
 siteViewId                  GUID of the Site View to Reboot all Devices.
   Guid SiteViewId: GUID of the Site View to Reboot all Devices.
 farmViewId                  GUID of the Farm View to Reboot all Devices.
   Guid FarmViewId: GUID of the Farm View to Reboot all Devices.
 farmViewName                Name of the Farm View to Reboot all Devices.
   string FarmViewName: Name of the Farm View to Reboot all Devices.
 diskLocatorId               GUID of the DiskLocator to Reboot all
                             Devices.
   Guid DiskLocatorId: GUID of the DiskLocator to Reboot all Devices.
 deviceIdList                Comma delimited list of GUIDs of the Devices
                             to Reboot. Maximum length is 8000
                             characters.
 deviceNameList              Comma delimited list of Names of the Devices
                             to Reboot. Maximum length is 8000
                             characters.
 deviceMacList               Comma delimited list of MACs of the Devices
                             to Reboot. Maximum length is 8000
                             characters.
or one of these required & resolutions
 collectionName              Name of the Collection to Reboot all
                             Devices.
   string CollectionName: Name of the Collection to Reboot all Devices.
 siteViewName                Name of the Site View to Reboot all Devices.
   string SiteViewName: Name of the Site View to Reboot all Devices.
 diskLocatorName             Name of the DiskLocator to Reboot all
                             Devices.
   string DiskLocatorName: Name of the DiskLocator to Reboot all
                     Devices.
Optional
 message                     Message to display before rebooting the
                             Device(s). Default=The target device is
                             being shutdown remotely by the Console.
   string Message: Message to display before rebooting the Device(s).
                 Default=The target device is being shutdown remotely
                 by the Console.
 delay                       Number of seconds to delay before rebooting
                             the Device(s). Default=10
   uint Delay: Number of seconds to delay before rebooting the
                 Device(s). Default=10
 version                     Version of the Disk to Reboot all Devices
                             for. This is used with diskLocatorId or
                             diskLocatorName.
   uint Version: Version of the Disk to Reboot all Devices for. This is
                 used with DiskLocatorId or DiskLocatorName.
One of these resolutions when needed
 siteId                      GUID of the Site.
   Guid SiteId: GUID of the Site.
 siteName                    Name of the Site.
   string SiteName: Name of the Site.
One of these resolutions when needed
 storeId                     GUID of the Store that is needed when a
                             diskLocatorName is used.
```

```
        Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                      is used.
     storeName                  Name of the Store that is needed when a
                                diskLocatorName is used.
        string StoreName: Name of the Store that is needed when a
                      DiskLocatorName is used.
     Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
          DeviceName, CollectionId, SiteViewId, FarmViewId or DiskLocatorId
     Optional
        SwitchParameter Confirm: The impact of this operation is "medium". If
                      -Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "medium"
                      or "low" to have confirmation without the Confirm
                      parameter.
     rv                          If successful, this rv is filled with a
                                string.
        PvsTask: If successful, the PvsTask object for the process started is
                      returned.
```

Mcli-RunWithReturn ReportBug

Report a bug at individual server level or at site level. Return the id of
    the long running task.

Start-PvsReportBug

Report a bug at individual server level or at site level. Problem report
    can be uploaded to Citrix Systems or can be saved locally in a path
    accessible from all servers in the farm.

```
     -p                          Parameters needed for this Run.
      One of these required
       siteId                   GUID of the Site.
         Guid Guid or SiteId: GUID of the Site.
       serverId                 GUID of the Server.
         Guid ServerId: GUID of the Server.
      or one of these required & resolutions
       siteName                 Name of the Site.
         string Name or SiteName: Name of the Site.
       serverName               Name of the Server.
         string ServerName: Name of the Server.
      This required
       Summary                  Short summary describing the problem.
         string Summary: Short summary describing the problem.
      This optional
       srNumber                 Service Request number of the reported
                                problem.
         string SrNumber: Service Request number of the reported problem.
      This optional
       Description              Description of the reported problem.
         string Description: Description of the reported problem.
      This optional
       Path                     Path where problem report bundle is saved.
         string Path: Path where problem report bundle is saved.
      This optional
       DateTime                 DateTime around which the reported problem
                                occured.
```

```
                DateTime DateTime: DateTime around which the reported problem
                              occured.
        Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
           SiteId or ServerId
         Optional
         SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
     rv                               If successful, this rv is filled with a
                                      string.
       PvsTask: If successful, the PvsTask object for the process started is
                    returned.
```

Mcli-RunWithReturn ServerCount

```
   Get count of Servers in a Site.
```
Get-PvsServerCount
```
   Get count of Servers in a Site.
     -p                              Parameters needed for this Run.
      One of these required
       siteId                       GUID of the Site to get the Server Count of.
         Guid Guid or SiteId: GUID of the Site to get the Server Count of.
       siteName                     Name of the Site to get the Server Count of.
         string Name or SiteName: Name of the Site to get the Server Count of.
        Instead of a parameter that matches one of the members listed
         PvsObject[] Object: PvsObjects with the members below can be used as
                        the Object parameter or from a pileline:
           SiteId
     rv                             If successful, this rv is filled with a
                                    string.
       UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn ServerName

```
   Return the name of the Server the SoapServer is running on.
```
Get-PvsServerName
```
   Return the name of the Server the SoapServer is running on.
     rv                             If successful, this rv is filled with a
                                    string.
       String: If successful, the String value is returned.
```

Mcli-RunWithReturn ServerStoreActiveDeviceCount

```
   Get the count of Devices currently connected to any vdisk served from the
     Store by the Server.
```
Get-PvsServerStoreActiveDeviceCount
```
   Get the count of Devices currently connected to any vdisk served from the
     Store by the Server.
     -p                              Parameters needed for this Run.
      One of these required
       serverId                     GUID of the Server.
         Guid ServerId: GUID of the Server.
       serverName                   Name of the Server.
         string ServerName: Name of the Server.
```

```
  One of these required
    storeId                    GUID of the Store.
     Guid StoreId: GUID of the Store.
    storeName                  Name of the Store.
     string StoreName: Name of the Store.
    Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
        ServerId or StoreId
  rv                           If successful, this rv is filled with a
                               string.
     UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn Shutdown

```
Shutdown a Device, Collection or View. Returns a taskId of the Task being
   run. With the taskId, call ReturnWithReturn TaskStatus to get the percent
   complete, Get Task to get the results, and Run CancelTask to stop it
   early. The Task result has the deviceName/value of the devices that
   succeeded in the first name/value pair of each record of the XML.
```

Start-PvsDeviceShutdown

```
Shutdown a Device, Collection or View. Returns a PvsTask of the Task being
   run. With the PvsTask, call Get-PvsTaskStatus to get the percent
   complete, Get-PvsTask to get the results, and Stop-PvsTask to stop it
   early. The PvsTask Results has the DeviceName/value of the devices that
   succeeded in the first name/value pair of each record of the XML.
   -p                          Parameters needed for this Run.
    One of these required
     deviceId                   GUID of the Device to Shutdown.
      Guid[] DeviceId: GUID of the Device to Shutdown.
     deviceName                 Name of the Device to Shutdown.
      string[] DeviceName: Name of the Device to Shutdown.
     deviceMac                  MAC of the Device to Shutdown.
      PvsPhysicalAddress[] DeviceMac: MAC of the Device to Shutdown.
     collectionId               GUID of the Collection to Shutdown all
                                Devices.
      Guid CollectionId: GUID of the Collection to Shutdown all Devices.
     siteViewId                 GUID of the Site View to Shutdown all
                                Devices.
      Guid SiteViewId: GUID of the Site View to Shutdown all Devices.
     farmViewId                 GUID of the Farm View to Shutdown all
                                Devices.
      Guid FarmViewId: GUID of the Farm View to Shutdown all Devices.
     farmViewName               Name of the Farm View to Shutdown all
                                Devices.
      string FarmViewName: Name of the Farm View to Shutdown all Devices.
     diskLocatorId              GUID of the DiskLocator to Shutdown all
                                Devices.
      Guid DiskLocatorId: GUID of the DiskLocator to Shutdown all Devices.
     deviceIdList               Comma delimited list of GUIDs of the Devices
                                to Shutdown. Maximum length is 8000
                                characters.
     deviceNameList             Comma delimited list of Names of the Devices
                                to Shutdown. Maximum length is 8000
                                characters.
```

```
    deviceMacList              Comma delimited list of MACs of the Devices
                               to Shutdown. Maximum length is 8000
                               characters.
 or one of these required & resolutions
  collectionName              Name of the Collection to Shutdown all
                              Devices.
    string CollectionName: Name of the Collection to Shutdown all
                    Devices.
  siteViewName                Name of the Site View to Shutdown all
                              Devices.
    string SiteViewName: Name of the Site View to Shutdown all Devices.
  diskLocatorName             Name of the DiskLocator to Shutdown all
                              Devices.
    string DiskLocatorName: Name of the DiskLocator to Shutdown all
                    Devices.
 Optional
  message                        Message to display before shutting down the
                                 Device(s). Default=The target device is
                                 being shutdown remotely by the Console.
    string Message: Message to display before shutting down the
                    Device(s). Default=The target device is being
                    shutdown remotely by the Console.
  delay                        Number of seconds to delay before shutting
                               down the Device(s). Default=10
    uint Delay: Number of seconds to delay before shutting down the
                    Device(s). Default=10
  version                      Version of the Disk to Shutdown all Devices
                               for. This is used with diskLocatorId or
                               diskLocatorName.
    uint Version: Version of the Disk to Shutdown all Devices for. This
                    is used with DiskLocatorId or DiskLocatorName.
 One of these resolutions when needed
  siteId                       GUID of the Site.
    Guid SiteId: GUID of the Site.
  siteName                     Name of the Site.
    string SiteName: Name of the Site.
 One of these resolutions when needed
  storeId                      GUID of the Store that is needed when a
                               diskLocatorName is used.
    Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                    is used.
  storeName                    Name of the Store that is needed when a
                               diskLocatorName is used.
    string StoreName: Name of the Store that is needed when a
                    DiskLocatorName is used.
  Instead of a parameter that matches one of the members listed
    PvsObject[] Object: PvsObjects with the members below can be used as
                    the Object parameter or from a pileline:
    DeviceName, CollectionId, SiteViewId, FarmViewId or DiskLocatorId
  Optional
    SwitchParameter Confirm: The impact of this operation is "medium". If
                    -Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "medium"
                    or "low" to have confirmation without the Confirm
                    parameter.
 rv                              If successful, this rv is filled with a
                                 string.
```

Mcli-RunWithReturn StoreFreeSpace

Get the free megabytes available in the Store.

Get-PvsStoreFreeSpace

Get the free megabytes available in the Store.
```
    -p                          Parameters needed for this Run.
     One of these required & resolutions
      storeId                       GUID of the Store.
       Guid Guid or StoreId: GUID of the Store.
      storeName                     Name of the Store.
        string Name or StoreName: Name of the Store.
     One of these resolutions when needed
      serverId                      GUID of the Server to use to determine the
                                      free space in the Store.
        Guid ServerId: GUID of the Server to use to determine the free space
                       in the Store.
       serverName                   Name of the Server to use to determine the
                                      free space in the Store.
        string ServerName: Name of the Server to use to determine the free
                       space in the Store.
      siteId                        GUID of the Site.
        Guid SiteId: GUID of the Site.
      siteName                      Name of the Site.
        string SiteName: Name of the Site.
     rv                             If successful, this rv is filled with a
                                      string.
      UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn TaskStatus

Get the status of a Task in percent complete.

Get-PvsTaskStatus

Get the status of a Task in percent complete.
```
    -p                          Parameters needed for this Run.
     This required
      taskId                        Id of the Task to get the Status of.
        uint TaskId: Id of the Task to get the Status of.
     Instead of a parameter that matches one of the members listed
       PvsObject[] Object: PvsObjects with the members below can be used as
                       the Object parameter or from a pileline:
         TaskId
     rv                             If successful, this rv is filled with a
                                      string.
      UInt32: If successful, the numeric value is returned
```

Mcli-RunWithReturn UpdateBDM

Update the BDM Partition for a Device, Collection or View. Returns a taskId of the Task being run. With the taskId, call ReturnWithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

Start-PvsDeviceUpdateBdm

Update the BDM partition for a Device, Collection or View. Returns a
  PvsTask of the Task being run. With the PvsTask, call Get-PvsTaskStatus
  to get the percent complete, Get-PvsTask to get the results, and Stop-
  PvsTask to stop it early. The PvsTask Results has the DeviceName/value of
  the devices that succeeded in the first name/value pair of each record of
  the XML.
    -p   Parameters needed for this Run.
     One of these required
      deviceId   GUID of the Device to Update.
        Guid[] Guid or DeviceId: GUID of the Device to Update.
      deviceName   Name of the Device to Update.
        string[] Name or DeviceName: Name of the Device to Update.
      collectionId   GUID of the Collection to Update all BDM
                                    Devices.
        Guid CollectionId: GUID of the Collection to Update all BDM Devices.
      siteViewId   GUID of the Site View to Update all BDM
                                    Devices.
        Guid SiteViewId: GUID of the Site View to Update all BDM Devices.
      farmViewId   GUID of the Farm View to Update all BDM
                                    Devices.
        Guid FarmViewId: GUID of the Farm View to Update all BDM Devices.
      farmViewName   Name of the Farm View to Update all BDM
                                    Devices.
        string FarmViewName: Name of the Farm View to Update all BDM Devices.
      deviceIdList   Comma delimited list of GUIDs of the Devices
                                    to Update. Maximum length is 8000
                                    characters.
      deviceNameList   Comma delimited list of names of the Devices
                                    to Update. Maximum length is 8000
                                    characters.
     or one of these required & resolutions
      collectionName   Name of the Collection to Update all BDM
                                    Devices.
        string CollectionName: Name of the Collection to Update all BDM
                      Devices.
      siteViewName   Name of the Site View to Update all
                                    BDMDevices.
        string SiteViewName: Name of the Site View to Update all BDMDevices.
     One of these resolutions when needed
      siteId   GUID of the Site.
        Guid SiteId: GUID of the Site.
      siteName   Name of the Site.
        string SiteName: Name of the Site.
      Instead of a parameter that matches one of the members listed
        PvsObject[] Object: PvsObjects with the members below can be used as
                      the Object parameter or from a pileline:
          DeviceName, CollectionId, SiteViewId or FarmViewId
      Optional
        SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
    rv   If successful, this rv is filled with a
                                    string.
      PvsTask: If successful, the PvsTask object for the process started is
                      returned.

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Mcli-RunWithReturn UploadCeip

Perform a one time upload of CEIP data. Return upload Id if successful.

Get-PvsUploadCeip

Perform a one time upload of CEIP data. Return upload Id if successful.
```
  -p                         Parameters needed for this Run.
   This optional
    oneTimeUpload            1 to perform a one time upload.
      string OneTimeUpload: If -OneTimeUpload is specified, perform a one
                       time upload.
    Optional
      SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
   rv                        If successful, this rv is filled with a
                              string.
     String: If successful, the String value is returned.
```

Mcli-Set

```
 Mcli-Set commandName[ -p name=value[, name2=value2]][ -r field=value[,
   field2=value2]]
```

Mcli-Set AuthGroup

Set one or more field values for an AuthGroup.

Set-PvsAuthGroup

Set AuthGroup(s) changed values from PvsAuthGroup object(s), or set one or
   more field values for a PvsAuthGroup.
```
  -p                           Parameters needed to identify the record to
                              be changed.
   When AuthGroup is not passed the parameters below are used:
   One of these required
    authGroupId              GUID of the AuthGroup to Set.
      Guid Guid or AuthGroupId: GUID of the AuthGroup to Set.
    authGroupName            Name of the AuthGroup to Set.
      string Name or AuthGroupName: Name of the AuthGroup to Set.
    Required
      PvsAuthGroup[] AuthGroup: Array of PvsAuthGroup objects with changed
                       property value(s) to be set. The object(s) can come
                       from a pileline.
    Optional
      SwitchParameter PassThru: If -PassThru is specified, the resulting
                       PvsAuthGroup object(s) are returned.
      SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
   -r                          Record containing the new values for fields
                              to be changed.
    Fields that can have value set
    authGroupName            Name of the Active Directory or Windows
                              Group. Max Length=450
      string NewName: Name of the Active Directory or Windows Group. Max
                       Length=450
    description              User description. Default="" Max Length=250
      string Description: User description. Default="" Max Length=250
```

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Mcli-Set CeipData

Set one or more field values for CEIP data.

Set-PvsCeipData

Set Ceip changed values from a PvsCeip object, or set one or more field
values for a PvsCeip.

    -p   Parameters needed to identify the record to
                                    be changed.
      When CeipData is not passed the parameters below are used:
      Optional
       uuid   CEIP UUID of this Farm. This is optional
                                    since there is only one.
         string Uuid: CEIP UUID of this Farm. This is optional since there is
                      only one.
        Required
         PvsCeipData[] CeipData: Array of PvsCeipData objects with changed
                      property value(s) to be set. The object(s) can come
                      from a pileline.
        Optional
         SwitchParameter PassThru: If -PassThru is specified, the resulting
                      PvsCeipData object(s) are returned.
         SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
    -r   Record containing the new values for fields
                                    to be changed.
      Fields that can have value set
       enabled   1 if CEIP is enabled, otherwise 0. Min=0,
                                    Max=1
         uint Enabled: 1 if CEIP is enabled, otherwise 0. Min=0, Max=1
       nextUpload   Date and time next CEIP upload is due if
                                    enabled is 1. Default=null
         DateTime NextUpload: Date and time next CEIP upload is due if enabled
                      is 1. Default=Empty
       inProgress   1 if an upload is currently in progress,
                                    otherwise 0. Default=0
         uint InProgress: 1 if an upload is currently in progress, otherwise
                      0. Default=0
       serverId   ID of server that is currently uploading,
                                    null if inProgress is 0. Default=null
                                    Length=36
         Guid ServerId: ID of server that is currently uploading, null if
                      InProgress is 0. Default=00000000-0000-0000-0000-
                      000000000000
       oneTimeUpload   1 to perform a one time upload. Default=0
         uint OneTimeUpload: 1 to perform a one time upload. Default=0

Mcli-Set CisData

Set one or more field values for CIS data.

Set-PvsCisData

Set one or more field values for CIS data.

    -p   Parameters needed to identify the record to
                                    be changed.
      When CisData is not passed the parameters below are used:
      Optional

```
      cisDataId                    CIS UUID of this Farm. This is optional
                                   since there is only a single record.
        Guid Guid or CisDataId: CIS UUID of this Farm. This is optional since
                      there is only a single record.
      Required
        PvsCisData[] CisData: Array of PvsCisData objects with changed
                      property value(s) to be set. The object(s) can come
                      from a pileline.
      Optional
        SwitchParameter PassThru: If -PassThru is specified, the resulting
                      PvsCisData object(s) are returned.
        SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
  -r                               Record containing the new values for fields
                                   to be changed.
    Fields that can have value set
      userName                     Username used to obtain the token
                                   Default=null Max Length=255
        string UserName: Username used to obtain the token Default="" Max
                      Length=255
      path                         Path where the last problem report bundle
                                   was saved Default=null Max Length=255
        string Path: Path where the last problem report bundle was saved
                      Default="" Max Length=255
      password                     Password of the user required to obtain the
                                   token. This is required only by Set and Add
        string Password: Password of the user required to obtain the token.
                      This is required only by Set and Add
```

Mcli-Set Collection

```
    Set one or more field values for a Collection.
```

Set-PvsCollection

```
  Set Collection(s) changed values from PvsCollection object(s), or set one
    or more field values for a PvsCollection.
    -p                             Parameters needed to identify the record to
                                   be changed.
     When Collection is not passed the parameters below are used:
    This required
      collectionId                 GUID of the Collection to Set.
        Guid Guid or CollectionId: GUID of the Collection to Set.
    or this required & resolution
      collectionName               Name of the Collection to Set.
        string Name or CollectionName: Name of the Collection to Set.
    One of these resolutions when needed
      siteId                       GUID of the Site.
        Guid SiteId: GUID of the Site.
      siteName                     Name of the Site.
        string SiteName: Name of the Site.
      Required
        PvsCollection[] Collection: Array of PvsCollection objects with
                      changed property value(s) to be set. The object(s)
                      can come from a pileline.
      Optional
```

SwitchParameter PassThru: If -PassThru is specified, the resulting
                      PvsCollection object(s) are returned.
         SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
   -r   Record containing the new values for fields
                      to be changed.
    Fields that can have value set
     collectionName   Name of the Collection. It is unique within
                      the Site. Max Length=50
       string NewName: Name of the Collection. It is unique within the Site.
                      Max Length=50
     description   User description. Default="" Max Length=250
       string Description: User description. Default="" Max Length=250
     templateDeviceId   GUID of a Device in the Collection whose
                      settings are used for initial values of new
                      Devices. Not used with templateDeviceName.
                      Default=null Length=36
       Guid TemplateDeviceId: GUID of a Device in the Collection whose
                      settings are used for initial values of new Devices.
                      Not used with templateDeviceName. Default=00000000-
                      0000-0000-0000-000000000000
     templateDeviceName   Name of a Device in the Collection whose
                      settings are used for initial values of new
                      Devices. Not used with templateDeviceId.
                      Default=null
       string TemplateDeviceName: Name of a Device in the Collection whose
                      settings are used for initial values of new Devices.
                      Not used with TemplateDeviceId. Default=""
     lastAutoAddDeviceNumber   The Device Number of the last Auto Added
                      Device. Default=0
       uint LastAutoAddDeviceNumber: The Device Number of the last Auto
                      Added Device. Default=0
     enabled   1 when Devices in the Collection can be
                      booted, 0 otherwise. Default=1
       bool Enabled: True when Devices in the Collection can be booted,
                      false otherwise. Default=true
     autoAddPrefix   The string put before the Device Number for
                      Auto Add. Default=null ASCII computer name
                      characters no end digit Max Length=12
       string AutoAddPrefix: The string put before the Device Number for
                      Auto Add. Default="" ASCII computer name characters
                      no end digit Max Length=12
     autoAddSuffix   The string put after the Device Number for
                      Auto Add. Default=null ASCII computer name
                      characters no begin digit Max Length=12
       string AutoAddSuffix: The string put after the Device Number for Auto
                      Add. Default="" ASCII computer name characters no
                      begin digit Max Length=12
     autoAddZeroFill   1 when zeros be placed before the Device
                      Number up to the autoAddNumberLength for
                      Auto Add, 0 otherwise. Default=1
       bool AutoAddZeroFill: True when zeros be placed before the Device
                      Number up to the AutoAddNumberLength for Auto Add,
                      false otherwise. Default=true

```
              autoAddNumberLength         The maximum length of the Device Number for
                                          Auto Add. This length plus the autoAddPrefix
                                          length plus the autoAddSuffix length must be
                                          less than 16. Required that
                                          ((lenautoAddPrefix+lenautoAddSuffix)+autoAdd
                                          NumberLength)<=15. Min=3, Max=9, Default=4
          uint AutoAddNumberLength: The maximum length of the Device Number for
                      Auto Add. This length plus the AutoAddPrefix length
                      plus the AutoAddSuffix length must be less than 16.
                      Required that
                      ((lenautoAddPrefix+lenautoAddSuffix)+AutoAddNumberLe
                      ngth)<=15. Min=3, Max=9, Default=4
```

Mcli-Set Device

```
   Set one or more field values for one or more Devices.
```
Set-PvsDevice
```
   Set Device(s) changed values from PvsDevice object(s), or set one or more
     field values for one or more PvsDevices.
    -p                             Parameters needed to identify the record to
                                   be changed.
     When Device is not passed the parameters below are used:
    One of these required
     deviceId                      GUID of the Device to Set.
       Guid Guid or DeviceId: GUID of the Device to Set.
     deviceName                    Name of the Device to Set.
        string Name or DeviceName: Name of the Device to Set.
     deviceMac                     MAC of the Device to Set.
       PvsPhysicalAddress DeviceMac: MAC of the Device to Set.
     collectionId                  GUID of the Collection to set all Devices.
                                    deviceName and deviceMac cannot be set.
       Guid CollectionId: GUID of the Collection to set all Devices.
                   DeviceName and DeviceMac cannot be set.
      siteViewId                   GUID of the Site View to set all Devices.
                                    deviceName and deviceMac cannot be set.
        Guid SiteViewId: GUID of the Site View to set all Devices. DeviceName
                    and DeviceMac cannot be set.
     farmViewId                    GUID of the Farm View to set all Devices.
                                    deviceName and deviceMac cannot be set.
        Guid FarmViewId: GUID of the Farm View to set all Devices. DeviceName
                    and DeviceMac cannot be set.
      farmViewName                 Name of the Farm View to set all Devices.
                                    deviceName and deviceMac cannot be set.
        string FarmViewName: Name of the Farm View to set all Devices.
                    DeviceName and DeviceMac cannot be set.
     or one of these required & resolutions
     collectionName                Name of the Collection to set all Devices.
                                    deviceName and deviceMac cannot be set.
        string CollectionName: Name of the Collection to set all Devices.
                    DeviceName and DeviceMac cannot be set.
     siteViewName                  Name of the Site View to set all Devices.
                                    deviceName and deviceMac cannot be set.
       string SiteViewName: Name of the Site View to set all Devices.
                    DeviceName and DeviceMac cannot be set.
    One of these resolutions when needed
     siteId                        GUID of the Site.
       Guid SiteId: GUID of the Site.
```

```
       siteName                     Name of the Site.
         string SiteName: Name of the Site.
       Required
         PvsDevice[] Device: Array of PvsDevice objects with changed property
                       value(s) to be set. The object(s) can come from a
                       pileline.
       Optional
         SwitchParameter PassThru: If -PassThru is specified, the resulting
                       PvsDevice object(s) are returned.
         SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
    -r                             Record containing the new values for fields
                                   to be changed.
     Fields that can have value set
       deviceName                   Computer name with no spaces. ASCII computer
                                    name characters Max Length=15
         string NewName: Computer name with no spaces. ASCII computer name
                       characters Max Length=15
       description                  User description. Default="" Max Length=250
         string Description: User description. Default="" Max Length=250
       deviceMac                    Ethernet address as a string in the form XX-
                                    XX-XX-XX-XX-XX. Uniquely identifies the
                                    Device. Length=17
         PvsPhysicalAddress DeviceMac: Ethernet address can have the form XX-
                       XX-XX-XX-XX-XX. Uniquely identifies the Device.
       bootFrom                     Device to boot from. Choices are 1 for
                                    vDisk, 2 for Hard Disk, and 3 for Floppy.
                                    This cannot be Set for a Device with
                                    Personal vDisk. Min=1, Max=3, Default=1
         uint BootFrom: Device to boot from. Choices are 1 for vDisk, 2 for
                       Hard Disk, and 3 for Floppy. This cannot be Set for
                       a Device with Personal vDisk. Min=1, Max=3,
                       Default=1
       className                    Used by Automatic Update feature to match
                                    new versions of Disks to a Device. This
                                    cannot be Set for a Device with Personal
                                    vDisk. Default="" Max Length=41
         string ClassName: Used by Automatic Update feature to match new
                       versions of Disks to a Device. This cannot be Set
                       for a Device with Personal vDisk. Default="" Max
                       Length=41
       port                         UDP port to use with Stream Service.
                                    Min=1025, Max=65534, Default=6901
         uint Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                       Default=6901
       enabled                      1 when it can be booted, 0 otherwise. This
                                    cannot be Set for a Device with Personal
                                    vDisk. Default=1
         bool Enabled: True when it can be booted, false otherwise. This
                       cannot be Set for a Device with Personal vDisk.
                       Default=true
       localDiskEnabled             If there is a local disk menu choice for the
                                    Device, this is 1. This cannot be Set for a
                                    Device with Personal vDisk. Default=0
```

bool LocalDiskEnabled: If there is a local disk menu choice for the Device, this is true. This cannot be Set for a Device with Personal vDisk. Default=false

authentication   Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0

uint Authentication: Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0

user   Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20

string User: Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20

password   Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100

string Password: Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100

adTimestamp   The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

uint AdTimestamp: The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

adSignature   The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

uint AdSignature: The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

adPassword   The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256

string AdPassword: The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256

logLevel   Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

uint LogLevel: Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName   Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

```
         string DomainName: Fully qualified name of the domain that the Device
                           belongs to. Do not set this field, it is only set
                           internally by PVS. Default="" Max Length=255
domainObjectSID            The value of the objectSID AD attribute of
                           the same name for the Device's computer
                           account. Do not set this field, it is only
                           set internally by PVS. Default=null Max
                           Length=186
         string DomainObjectSID: The value of the objectSID AD attribute of
                           the same name for the Device's computer account. Do
                           not set this field, it is only set internally by
                           PVS. Default="" Max Length=186
domainControllerName       The name of the DC used to create the host's
                           computer account. Do not set this field, it
                           is only set internally by PVS. Default=null
                           Max Length=4000
         string DomainControllerName: The name of the DC used to create the
                           host's computer account. Do not set this field, it
                           is only set internally by PVS. Default="" Max
                           Length=4000
domainTimeCreated          The time that the computer account was
                           created. Do not set this field, it is only
                           set internally by PVS. Format is: YYYY-MM-DD
                           HH:MM:SS.SSS Default=null
      DateTime DomainTimeCreated: The time that the computer account was
                           created. Has the date and time including
                           milliseconds. Do not set this field, it is only set
                           internally by PVS. Default=Empty
type                       1 when it performs test of Disks, 2 when it
                           performs maintenance on Disks, 3 when it has
                           a Personal vDisk, 4 when it has a Personal
                           vDisk and performs tests, 0 otherwise. A
                           Device with type 0 - 3 can only be Set to 0
                           - 3, and a Device with type 3 - 4 can only
                           be Set to 3 - 4. Min=0, Max=4, Default=0
         uint Type: 1 when it performs test of Disks, 2 when it performs
                           maintenance on Disks, 3 when it has a Personal
                           vDisk, 4 when it has a Personal vDisk and performs
                           tests, 0 otherwise. A Device with type 0 - 3 can
                           only be Set to 0 - 3, and a Device with type 3 - 4
                           can only be Set to 3 - 4. Min=0, Max=4, Default=0
localWriteCacheDiskSize    The size in GB to format the Device cache
                           file disk. If the value is 0, then the disk
                           is not formatted. Min=0, Max=2048, Default=0
      uint LocalWriteCacheDiskSize: The size in GB to format the Device
                           cache file disk. If the value is 0, then the disk is
                           not formatted. Min=0, Max=2048, Default=0
bdmBoot                    Use PXE boot when set to 0, BDM boot when
                           set to 1. Default is PXE Default=0
         bool BdmBoot: Use PXE boot when set to false, BDM boot when set to
                           true. Default is PXE Default=false
bdmType                    Use PXE boot when set to 0, BDM (Bios) boot
                           when set to 1 and BDM (Uefi) boot when set
                           to 2.  Default=0
      uint BdmType: Use PXE boot when set to 0, BDM (Bios) boot when set to
                           1 and BDM (Uefi) boot when set to 2.  Default=0
```

```
bdmFormat                    1 use VHD for BDMboot, 2 use ISO, 3 use USB.
                             Default=0
  uint BdmFormat: 1 use VHD for BDMboot, 2 use ISO, 3 use USB.
                  Default=0
bdmUpdated                   Timestamp of the last BDM boot disk update.
                             Default=null
  DateTime BdmUpdated: Timestamp of the last BDM boot disk update.
                  Default=Empty
bdmCreated                   Timstamp when BDM device was
                             created  Default=null
  DateTime BdmCreated: Timstamp when BDM device was
                  created  Default=Empty
xsPvsProxyUuid               UUID of XenServer PVS_proxy Default=null
                             Length=36
  Guid XsPvsProxyUuid: UUID of XenServer PVS_proxy Default=00000000-
                  0000-0000-0000-000000000000
enableXsProxy                Enable XenServerProxy when set to 1
                             Default=null
  string EnableXsProxy: Enable XenServerProxy when set to 1 Default=""
```

Mcli-Set Disk

```
Set one or more field values for a Disk.
```

Set-PvsDisk

```
Set Disk(s) changed values from PvsDisk object(s), or set one or more field
  values for a PvsDisk.
  -p                          Parameters needed to identify the record to
                              be changed.
   When Disk is not passed the parameters below are used:
   This required
    diskLocatorId             GUID of the Disk Locator.
      Guid Guid or DiskLocatorId: GUID of the Disk Locator.
   or this required & resolution
    diskLocatorName           Name of the Disk Locator.
      string Name or DiskLocatorName: Name of the Disk Locator.
   One of these resolutions when needed
    siteId                    GUID of the Site.
      Guid SiteId: GUID of the Site.
    siteName                  Name of the Site.
      string SiteName: Name of the Site.
   One of these resolutions when needed
    storeId                   GUID of the Store that is needed when a
                              diskLocatorName is used.
      Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                    is used.
    storeName                 Name of the Store that is needed when a
                              diskLocatorName is used.
      string StoreName: Name of the Store that is needed when a
                    DiskLocatorName is used.
   Required
    PvsDisk[] Disk: Array of PvsDisk objects with changed property
                    value(s) to be set. The object(s) can come from a
                    pileline.
   Optional
    SwitchParameter PassThru: If -PassThru is specified, the resulting
                    PvsDisk object(s) are returned.
```

SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
-r   Record containing the new values for fields
                              to be changed.
  Fields that can have value set
  class   Class of the Disk. Max Length=40
    string Class: Class of the Disk. Max Length=40
  imageType   Type of this image (software type). Max
                              Length=40
    string ImageType: Type of this image (software type). Max Length=40
  writeCacheSize   RAM cache size (MB). Not 0 when used with
                              Cache in Device RAM, and Cache in Device RAM
                              with Overflow on Hard Disk. A value of 0
                              will disable the RAM use for Cache in Device
                              RAM with Overflow on Hard Disk. Min=0,
                              Max=131072, Default=0
    UInt64 WriteCacheSize: RAM cache size (MB). Not 0 when used with
                    Cache in Device RAM, and Cache in Device RAM with
                    Overflow on Hard Disk. A value of 0 will disable the
                    RAM use for Cache in Device RAM with Overflow on
                    Hard Disk. Min=0, Max=131072, Default=0
  autoUpdateEnabled   Automatically update this image for matching
                             Devices when set to 1. Default 0
    bool AutoUpdateEnabled: Automatically update this image for matching
                    Devices when set to true. Default false
  activationDateEnabled   Use activation date to activate image when
                             set to 1. Default 0
    bool ActivationDateEnabled: Use activation date to activate image
                    when set to true. Default false
  adPasswordEnabled   Enable AD password management when set to 1.
    bool AdPasswordEnabled: Enable AD password management when set to
                    true.
  haEnabled   Enable HA when set to 1.
    bool HaEnabled: Enable HA when set to true.
  printerManagementEnabled Invalid printers will be deleted from the
                             Device when set to 1.
    bool PrinterManagementEnabled: Invalid printers will be deleted from
                    the Device when set to true.
  writeCacheType   0 (Private), 1 (Cache on Server), 3 (Cache
                             in Device RAM), 4 (Cache on Device Hard
                             Disk), 7 (Cache on Server, Persistent), 9
                             (Cache in Device RAM with Overflow on Hard
                             Disk), 10 (Private async), 11(Server
                             persistent async), 12 (Cache in Device RAM
                             with Overflow on Hard Disk async) Min=0,
                             Max=12, Default=0
    uint WriteCacheType: 0 (Private), 1 (Cache on Server), 3 (Cache in
                    Device RAM), 4 (Cache on Device Hard Disk), 7 (Cache
                    on Server, Persistent), 9 (Cache in Device RAM with
                    Overflow on Hard Disk), 10 (Private async),
                    11(Server persistent async), 12 (Cache in Device RAM
                    with Overflow on Hard Disk async) Min=0, Max=12,
                    Default=0

```
licenseMode              0 (None), 1 (Multiple Activation Key), or 2
                         (Key Management Service). Min=0, Max=2,
                         Default=0
  uint LicenseMode: 0 (None), 1 (Multiple Activation Key), or 2 (Key
                  Management Service). Min=0, Max=2, Default=0
activeDate               Date to activate the disk if
                         autoUpdateEnabled and activationDateEnabled
                         are 1. Format is yyyy/mm/dd. Empty when the
                         autoUpdateEnabled or activationDateEnabled
                         are 0.
  DateTime ActiveDate: Date to activate the disk if AutoUpdateEnabled
                  and activationDateEnabled are true. Has the date.
                  Empty when the AutoUpdateEnabled or
                  activationDateEnabled are false.
longDescription          Description of the Disk. Max Length=399
  string LongDescription: Description of the Disk. Max Length=399
operatingSystem          Operating System of Disk. Max Length=250
  string OperatingSystem: Operating System of Disk. Max Length=250
osType                   Operating System Type of Disk. Max Length=40
  string OsType: Operating System Type of Disk. Max Length=40
serialNumber             User defined serial number. Max Length=36
  string SerialNumber: User defined serial number. Max Length=36
date                     User defined date. Max Length=40
  string Date: User defined date. Max Length=40
author                   User defined author. Max Length=40
  string Author: User defined author. Max Length=40
title                    User defined title. Max Length=40
  string Title: User defined title. Max Length=40
company                  User defined company. Max Length=40
  string Company: User defined company. Max Length=40
internalName             User defined name. Max Length=63
  string InternalName: User defined name. Max Length=63
originalFile             User defined original file. Max Length=127
  string OriginalFile: User defined original file. Max Length=127
hardwareTarget           User defined hardware target. Max Length=127
  string HardwareTarget: User defined hardware target. Max Length=127
majorRelease             User defined major release number. Min=0,
                         Max=4294967295, Default=0
  UInt64 MajorRelease: User defined major release number. Min=0,
                  Max=4294967295, Default=0
minorRelease             User defined minor release number. Min=0,
                         Max=4294967295, Default=0
  UInt64 MinorRelease: User defined minor release number. Min=0,
                  Max=4294967295, Default=0
build                    User defined build number. Min=0,
                         Max=4294967295, Default=0
  UInt64 Build: User defined build number. Min=0, Max=4294967295,
                  Default=0
clearCacheDisabled       Clear cached secrets disabled.
  string ClearCacheDisabled: Clear cached secrets disabled.
format                   Format of the image. Values are: 0 (VHD), 1
                         (VHDX). Default=0
  bool VHDX: If VHDX is true, the format of the image is VHDX.
                  Otherwise it is VHD. Default=false
```

Mcli-Set DiskLocator

Set one or more field values for a Disk Locator.

Set-PvsDiskLocator

Set Disk Locator(s) changed values from PvsDiskLocator object(s), or set one or more field values for a PvsDiskLocator.

-p   Parameters needed to identify the record to be changed.

When DiskLocator is not passed the parameters below are used:

This required

  diskLocatorId   GUID of the Disk Locator to Set.

    Guid Guid or DiskLocatorId: GUID of the Disk Locator to Set.

or this required & resolution

  diskLocatorName   Name of the Disk Locator File to Set.

    string Name or DiskLocatorName: Name of the Disk Locator File to Set.

One of these resolutions when needed

  siteId   GUID of the Site.

    Guid SiteId: GUID of the Site.

  siteName   Name of the Site.

    string SiteName: Name of the Site.

One of these resolutions when needed

  storeId   GUID of the Store that is needed when a diskLocatorName is used.

    Guid StoreId: GUID of the Store that is needed when a DiskLocatorName is used.

  storeName   Name of the Store that is needed when a diskLocatorName is used.

    string StoreName: Name of the Store that is needed when a DiskLocatorName is used.

  Required

    PvsDiskLocator[] DiskLocator: Array of PvsDiskLocator objects with changed property value(s) to be set. The object(s) can come from a pileline.

  Optional

    SwitchParameter PassThru: If -PassThru is specified, the resulting PvsDiskLocator object(s) are returned.

    SwitchParameter Confirm: The impact of this operation is "low". If -Confirm is specified, the operation will be confirmed. $ConfirmPreference can be set to "low" to have confirmation without the Confirm parameter.

-r   Record containing the new values for fields to be changed.

Fields that can have value set

  description   User description. Default="" Max Length=250

    string Description: User description. Default="" Max Length=250

  menuText   Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64

    string MenuText: Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64

  serverId   GUID of the single Server that this Disk Locator is assigned to. It is not used with serverName. Default=null Length=36

    Guid ServerId: GUID of the single Server that this Disk Locator is assigned to. It is not used with ServerName. Default=00000000-0000-0000-0000-000000000000

```
            serverName                    Name of the single Server that this Disk
                                          Locator is assigned to. It is not used with
                                          serverId. Default=null
            string ServerName: Name of the single Server that this Disk Locator
                          is assigned to. It is not used with ServerId.
                          Default=""
          enabled                         1 when this disk can be booted, 0 otherwise.
                                          Default=1
            bool Enabled: True when this disk can be booted, false otherwise.
                          Default=true
          rebalanceEnabled                1 when this Server can automatically
                                          rebalance Devices, 0 otherwise. Default=0
            bool RebalanceEnabled: True when this Server can automatically
                          rebalance Devices, false otherwise. Default=false
          rebalanceTriggerPercent    Percent over fair load that triggers a
                                          dynamic Device rebalance. Min=5, Max=5000,
                                          Default=25
            uint RebalanceTriggerPercent: Percent over fair load that triggers a
                          dynamic Device rebalance. Min=5, Max=5000,
                          Default=25
          subnetAffinity                  Qualifier for subnet affinity when assigning
                                          a Server. 0=None, 1=Best Effort, 2=Fixed.
                                          Min=0, Max=2, Default=0
            uint SubnetAffinity: Qualifier for subnet affinity when assigning a
                          Server. 0=None, 1=Best Effort, 2=Fixed. Min=0,
                          Max=2, Default=0
```

Mcli-Set DiskUpdateDevice

```
   Set one or more field values for one or more Disk Update Devices.
```

Set-PvsDiskUpdateDevice

```
   Set Disk Update Device(s) changed values from PvsDiskUpdateDevice
      object(s), or set one or more field values for one or more
      PvsDiskUpdateDevices.
      -p                             Parameters needed to identify the record to
                                     be changed.
       When DiskUpdateDevice is not passed the parameters below are used:
      One of these required
       deviceId                      GUID of the Disk Update Device to Set.
         Guid Guid or DeviceId: GUID of the Disk Update Device to Set.
       deviceName                    Name of Disk Update Device to Set.
         string Name or DeviceName: Name of Disk Update Device to Set.
       deviceMac                     MAC of Disk Update Device to Set.
         PvsPhysicalAddress DeviceMac: MAC of Disk Update Device to Set.
       siteId                        GUID of the Site. Can be used alone to Set
                                     all Disk Update Devices in the Site.
         Guid SiteId: GUID of the Site. Can be used alone to Set all Disk
                       Update Devices in the Site.
       siteName                      Name of the Site. Can be used alone to Set
                                     all Disk Update Devices in the Site.
         string SiteName: Name of the Site. Can be used alone to Set all Disk
                       Update Devices in the Site.
       diskLocatorId                 GUID of the DiskLocator to Set the Disk
                                     Update Device for.
         Guid DiskLocatorId: GUID of the DiskLocator to Set the Disk Update
                       Device for.
      or this required & resolution
```

```
     diskLocatorName              Name of the DiskLocator to Set the Disk
                                  Update Device for.
   string DiskLocatorName: Name of the DiskLocator to Set the Disk
                     Update Device for.
 One of these resolutions when needed
  siteId                         GUID of the Site.
   Guid SiteId: GUID of the Site. Can be used alone to Set all Disk
                     Update Devices in the Site.
  siteName                       Name of the Site.
    string SiteName: Name of the Site. Can be used alone to Set all Disk
                     Update Devices in the Site.
 One of these resolutions when needed
  storeId                        GUID of the Store that is needed when a
                                  diskLocatorName is used.
   Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                     is used.
  storeName                      Name of the Store that is needed when a
                                  diskLocatorName is used.
    string StoreName: Name of the Store that is needed when a
                     DiskLocatorName is used.
  Required
   PvsDiskUpdateDevice[] DiskUpdateDevice: Array of PvsDiskUpdateDevice
                     objects with changed property value(s) to be set.
                     The object(s) can come from a pileline.
  Optional
    SwitchParameter PassThru: If -PassThru is specified, the resulting
                     PvsDiskUpdateDevice object(s) are returned.
    SwitchParameter Confirm: The impact of this operation is "low". If -
                     Confirm is specified, the operation will be
                     confirmed. $ConfirmPreference can be set to "low" to
                     have confirmation without the Confirm parameter.
 -r                              Record containing the new values for fields
                                  to be changed.
  Fields that can have value set
   description                   User description. Default="" Max Length=250
    string Description: User description. Default="" Max Length=250
   port                         UDP port to use with Stream Service.
                                  Min=1025, Max=65534, Default=6901
     uint Port: UDP port to use with Stream Service. Min=1025, Max=65534,
                     Default=6901
   adTimestamp                  The time the Active Directory machine
                                  account password was generated. Do not set
                                  this field, it is only set internally by
                                  PVS. Default=0
    uint AdTimestamp: The time the Active Directory machine account
                     password was generated. Do not set this field, it is
                     only set internally by PVS. Default=0
   adSignature                  The signature of the Active Directory
                                  machine account password. Do not set this
                                  field, it is only set internally by PVS.
                                  Default=0
    uint AdSignature: The signature of the Active Directory machine
                     account password. Do not set this field, it is only
                     set internally by PVS. Default=0
   logLevel                     Level to perform logging at. Values are: 0
                                  (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
```

<pre>
                              (Info), 5 (Debug), and 6 (Trace). Min=0,
                              Max=6, Default=0
     uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
                    (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                    (Debug), and 6 (Trace). Min=0, Max=6, Default=0
     domainName   Fully qualified name of the domain that the
                               Device belongs to. Do not set this field, it
                               is only set internally by PVS. Default=null
                               Max Length=255
     string DomainName: Fully qualified name of the domain that the Device
                        belongs to. Do not set this field, it is only set
                        internally by PVS. Default="" Max Length=255
     domainObjectSID   The value of the objectSID AD attribute of
                               the same name for the Device's computer
                               account. Do not set this field, it is only
                               set internally by PVS. Default=null Max
                               Length=186
     string DomainObjectSID: The value of the objectSID AD attribute of
                        the same name for the Device's computer account. Do
                        not set this field, it is only set internally by
                        PVS. Default="" Max Length=186
     domainControllerName   The name of the DC used to create the host's
                               computer account. Do not set this field, it
                               is only set internally by PVS. Default=null
                               Max Length=4000
     string DomainControllerName: The name of the DC used to create the
                        host's computer account. Do not set this field, it
                        is only set internally by PVS. Default="" Max
                        Length=4000
     domainTimeCreated   The time that the computer account was
                               created. Do not set this field, it is only
                               set internally by PVS. Format is: YYYY-MM-DD
                               HH:MM:SS.SSS Default=null
     DateTime DomainTimeCreated: The time that the computer account was
                        created. Has the date and time including
                        milliseconds. Do not set this field, it is only set
                        internally by PVS. Default=Empty
     adPassword   The Active Directory machine account
                               password. Do not set this field, it is only
                               set internally by PVS. Default="" Max
                               Length=256
     string AdPassword: The Active Directory machine account password. Do
                        not set this field, it is only set internally by
                        PVS. Default="" Max Length=256
</pre>

Mcli-Set DiskVersion

<pre>
     Set one or more field values for one Disk Version.
</pre>

Set-PvsDiskVersion

<pre>
     Set Disk Version(s) changed values from PvsDiskVersion object(s), or set
       one or more field values for a PvsDiskVersion.
       -p   Parameters needed to identify the record to
                                 be changed.
        When DiskVersion is not passed the parameters below are used:
       This required
        diskLocatorId   GUID of the Disk Locator Version to Set.
          Guid Guid or DiskLocatorId: GUID of the Disk Locator Version to Set.
</pre>

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```
          or this required & resolution
            diskLocatorName              Name of the Disk Locator Version to Set.
              string Name or DiskLocatorName: Name of the Disk Locator Version to
                            Set.
          This required
            version                       Version to Set.
              uint Version: Version to Set.
          One of these resolutions when needed
            siteId                        GUID of the Site.
              Guid SiteId: GUID of the Site.
            siteName                      Name of the Site.
              string SiteName: Name of the Site.
          One of these resolutions when needed
            storeId                       GUID of the Store that is needed when a
                                          diskLocatorName is used.
              Guid StoreId: GUID of the Store that is needed when a DiskLocatorName
                            is used.
            storeName                     Name of the Store that is needed when a
                                          diskLocatorName is used.
              string StoreName: Name of the Store that is needed when a
                            DiskLocatorName is used.
            Required
              PvsDiskVersion[] DiskVersion: Array of PvsDiskVersion objects with
                            changed property value(s) to be set. The object(s)
                            can come from a pileline.
            Optional
              SwitchParameter PassThru: If -PassThru is specified, the resulting
                            PvsDiskVersion object(s) are returned.
              SwitchParameter Confirm: The impact of this operation is "low". If -
                            Confirm is specified, the operation will be
                            confirmed. $ConfirmPreference can be set to "low" to
                            have confirmation without the Confirm parameter.
        -r                              Record containing the new values for fields
                                        to be changed.
          Fields that can have value set
            description                   User description. Default="" Max Length=250
              string Description: User description. Default="" Max Length=250
            scheduledDate                 Date/Time that the Disk Version is scheduled
                                          to become available. Format is: YYYY-MM-DD
                                          HH:MM. When empty, the disk version is made
                                          available immediately. Default=null
              DateTime ScheduledDate: Date/Time that the Disk Version is scheduled
                            to become available. Has the date, hour and minute.
                            Empty when the disk version is made available
                            immediately. Default=Empty
```

Mcli-Set Farm

```
    Set one or more field values for a Farm.
```
Set-PvsFarm
```
    Set Farm changed values from a PvsFarm object, or set one or more field
    values for a PvsFarm.
        -p                              Parameters needed to identify the record to
                                        be changed.
          When Farm is not passed the parameters below are used:
          Optional
```

```
      farmId                      GUID of the Farm to Set. This is optional
                                  since there is only one Farm.
       Guid Guid or FarmId: GUID of the Farm to Set. This is optional since
                      there is only one Farm.
      Required
       PvsFarm[] Farm: Array of PvsFarm objects with changed property
                      value(s) to be set. The object(s) can come from a
                      pileline.
      Optional
       SwitchParameter PassThru: If -PassThru is specified, the resulting
                      PvsFarm object is returned.
       SwitchParameter Confirm: The impact of this operation is "low". If -
                      Confirm is specified, the operation will be
                      confirmed. $ConfirmPreference can be set to "low" to
                      have confirmation without the Confirm parameter.
  -r                          Record containing the new values for fields
                              to be changed.
  Fields that can have value set
  farmName                    Name of the Farm. Default="" Max Length=50
     string NewName: Name of the Farm. Default="" Max Length=50
  description                 User description. Default="" Max Length=250
     string Description: User description. Default="" Max Length=250
  autoAddEnabled              1 when Auto Add is enabled, 0 otherwise.
                              Default=0
     bool AutoAddEnabled: True when Auto Add is enabled, false otherwise.
                      Default=false
  auditingEnabled             1 when Auditing is enabled, 0 otherwise.
                              Default=0
     bool AuditingEnabled: True when Auditing is enabled, false otherwise.
                      Default=false
  lastAuditArchiveDate        Last date of Audit Trail data that was
                              Archived. Format is yyyy/mm/dd Default=null
      DateTime LastAuditArchiveDate: Last date of Audit Trail data that was
                      Archived. Has the date. Default=Empty
  defaultSiteId               GUID of the Site to place new Devices into
                              automatically. Not used with
                              defaultSiteName. Default=null Length=36
     Guid DefaultSiteId: GUID of the Site to place new Devices into
                      automatically. Not used with defaultSiteName.
                      Default=00000000-0000-0000-0000-000000000000
  defaultSiteName             Name of the Site to place new Devices into
                              automatically. Not used with defaultSiteId.
                              Default=null
     string DefaultSiteName: Name of the Site to place new Devices into
                      automatically. Not used with DefaultSiteId.
                      Default=""
  offlineDatabaseSupportEnabled  1 when Offline Database Support is
                              enabled, 0 otherwise. Default=0
     bool OfflineDatabaseSupportEnabled: True when Offline Database
                      Support is enabled, false otherwise. Default=false
  licenseServer               License server name. Default="" Max
                              Length=255
     string LicenseServer: License server name. Default="" Max Length=255
  licenseServerPort           License server port. Min=1025, Max=65534,
                              Default=27000
     uint LicenseServerPort: License server port. Min=1025, Max=65534,
                      Default=27000
```

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```
licenseTradeUp              License server trade up, when set to 1.
                            Default=0
  bool LicenseTradeUp: License server trade up, when set to true.
                       Default=false
licenseSKU                  licenseSKU. 0 for on-premises, 1 for cloud.
                            Min=0, Max=1, Default=0
  uint LicenseSKU: LicenseSKU. 0 for on-premises, 1 for cloud. Min=0,
                   Max=1, Default=0
automaticMergeEnabled       1 when Automatic Merge is enabled, 0
                            otherwise. If the number of versions becomes
                            more than the maxVersions value, a merge
                            will occur at the end of PromoteDiskVersion.
                            Default=1
  bool AutomaticMergeEnabled: True when Automatic Merge is enabled,
                       false otherwise. If the number of versions becomes
                       more than the MaxVersions value, a merge will occur
                       at the end of PromoteDiskVersion. Default=true
maxVersions                 Maximum number a versions of a Disk that can
                            exist before a merge will automatically
                            occur. Min=3, Max=50, Default=5
  uint MaxVersions: Maximum number a versions of a Disk that can exist
                    before a merge will automatically occur. Min=3,
                    Max=50, Default=5
mergeMode                   Mode to place the version in after a merge
                            has occurred. Values are: 0 (Production), 1
                            (Test) and 2 (Maintenance). Min=0, Max=2,
                            Default=2
  uint MergeMode: Mode to place the version in after a merge has
                  occurred. Values are: 0 (Production), 1 (Test) and 2
                  (Maintenance). Min=0, Max=2, Default=2
```

Mcli-Set FarmView

```
Set one or more field values for a Farm View.
```

Set-PvsFarmView

```
Set Farm View(s) changed values from PvsFarmView object(s), or set one or
   more field values for a PvsFarmView.
  -p                           Parameters needed to identify the record to
                               be changed.
   When FarmView is not passed the parameters below are used:
  One of these required
  farmViewId                   GUID of the Farm View to Set.
    Guid Guid or FarmViewId: GUID of the Farm View to Set.
  farmViewName                 Name of the Farm View to Set.
    string Name or FarmViewName: Name of the Farm View to Set.
  Required
    PvsFarmView[] FarmView: Array of PvsFarmView objects with changed
                       property value(s) to be set. The object(s) can come
                       from a pileline.
  Optional
    SwitchParameter PassThru: If -PassThru is specified, the resulting
                       PvsFarmView object(s) are returned.
    SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
```

```
        -r                              Record containing the new values for fields
                                        to be changed.
      Fields that can have value set
        farmViewName                 name of the Farm View. Max Length=50
          string NewName: name of the Farm View. Max Length=50
        description                  User description. Default="" Max Length=250
          string Description: User description. Default="" Max Length=250
```

Mcli-Set Server

```
Set one or more field values for a Server. Restart the Stream Service after
   setting the fields.
```

Set-PvsServer

```
Set Server(s) changed values from PvsServer object(s), or set one or more
   field values for a PvsServer. Restart the Server(s) after setting.
     -p                              Parameters needed to identify the record to
                                     be changed.
      When Server is not passed the parameters below are used:
      One of these required
        serverId                     GUID of the Server to Set.
          Guid Guid or ServerId: GUID of the Server to Set.
        serverName                   Name of the Server to Set.
          string Name or ServerName: Name of the Server to Set.
        Required
          PvsServer[] Server: Array of PvsServer objects with changed property
                        value(s) to be set. The object(s) can come from a
                        pileline.
        Optional
          SwitchParameter PassThru: If -PassThru is specified, the resulting
                        PvsServer object(s) are returned.
          SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
     -r                              Record containing the new values for fields
                                     to be changed.
      Fields that can have value set
        serverName                   Computer name with no spaces. ASCII computer
                                        name characters Max Length=21
          string NewName: Computer name with no spaces. ASCII computer name
                        characters Max Length=21
        description                  User description. Default="" Max Length=250
          string Description: User description. Default="" Max Length=250
        adMaxPasswordAge             Number of days before a password expires.
                                        Min=1, Max=30, Default=7
          uint AdMaxPasswordAge: Number of days before a password expires.
                        Min=1, Max=30, Default=7
        licenseTimeout               Amount of seconds before a license times
                                        out. Min=15, Max=300, Default=30
          uint LicenseTimeout: Amount of seconds before a license times out.
                        Min=15, Max=300, Default=30
        vDiskCreatePacing            VDisk create time pacing in miliseconds.
                                        Min=0, Max=5, Default=0
          uint VDiskCreatePacing: VDisk create time pacing in miliseconds.
                        Min=0, Max=5, Default=0
        firstPort                    Number of the first UDP port for use by the
                                        Stream Service, First and Last must allow at
```

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```
                              least 5 ports. Min=1025, Max=65534,
                              Default=6910
  uint FirstPort: Number of the first UDP port for use by the Stream
                  Service, First and Last must allow at least 5 ports.
                  Min=1025, Max=65534, Default=6910
lastPort                      Number of the last UDP port for use by the
                              Stream Service, First and Last must allow at
                              least 5 ports. Min=1025, Max=65534,
                              Default=6930
  uint LastPort: Number of the last UDP port for use by the Stream
                  Service, First and Last must allow at least 5 ports.
                  Min=1025, Max=65534, Default=6930
threadsPerPort                Number of worker threads per IO port.
                              Required that (threadPerPort * numberPorts *
                              numberIPs) <= 1000. Min=1, Max=60, Default=8
  uint ThreadsPerPort: Number of worker threads per IO port. Required
                  that (threadPerPort * numberPorts * numberIPs) <=
                  1000. Min=1, Max=60, Default=8
buffersPerThread              Number of buffers per worker thread. Min=1,
                              Max=128, Default=24
  uint BuffersPerThread: Number of buffers per worker thread. Min=1,
                  Max=128, Default=24
serverCacheTimeout            Number of seconds to wait before considering
                              another Server is down. Min=5, Max=60,
                              Default=8
  uint ServerCacheTimeout: Number of seconds to wait before considering
                  another Server is down. Min=5, Max=60, Default=8
ioBurstSize                   Number of bytes read/writes can send in a
                              burst of packets. Required that
                              ioBurstSize/(maxTransmissionUnits-76)<=32.
                              Min=4096, Max=61440, Default=32768
  uint IoBurstSize: Number of bytes read/writes can send in a burst of
                  packets. Required that
                  IoBurstSize/(MaxTransmissionUnits-76)<=32. Min=4096,
                  Max=61440, Default=32768
maxTransmissionUnits          Ethernet maximum transmission unit size for
                              the protocol for use for Server and Device.
                              Required that
                              ioBurstSize/(maxTransmissionUnits-76)<=32.
                              Min=502, Max=16426, Default=1506
  uint MaxTransmissionUnits: Ethernet maximum transmission unit size
                  for the protocol for use for Server and Device.
                  Required that IoBurstSize/(MaxTransmissionUnits-
                  76)<=32. Min=502, Max=16426, Default=1506
maxBootDevicesAllowed         Maximum number of Devices allowed to boot
                              simultaneously. Min=1, Max=1000, Default=500
  uint MaxBootDevicesAllowed: Maximum number of Devices allowed to boot
                  simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds                Maximum number of seconds for a Device to
                              boot. Min=10, Max=900, Default=60
  uint MaxBootSeconds: Maximum number of seconds for a Device to boot.
                  Min=10, Max=900, Default=60
bootPauseSeconds              Number of seconds that a Device will pause
                              during login if its server busy. Min=1,
                              Max=60, Default=10
```

```
               uint BootPauseSeconds: Number of seconds that a Device will pause
                          during login if its server busy. Min=1, Max=60,
                          Default=10
adMaxPasswordAgeEnabled    Age the password, when set to 1. Default=0
  bool AdMaxPasswordAgeEnabled: Age the password, when set to true.
                          Default=false
eventLoggingEnabled        Enable event logging, when set to 1.
                          Default=0
  bool EventLoggingEnabled: Enable event logging, when set to true.
                          Default=false
nonBlockingIoEnabled       Use non-Blocking IO, when set to 1.
                          Default=1
  bool NonBlockingIoEnabled: Use non-Blocking IO, when set to true.
                          Default=true
ip                         One or more streaming ip addresses. If more
                          than one ip is included, the ip addresses
                          are comma delimited.
  string[] Ip: One or more streaming ip addresses.
initialQueryConnectionPoolSize   Initial size of database connection
                          pool for non-transactional queries. Min=1,
                          Max=1000, Default=50
  uint InitialQueryConnectionPoolSize: Initial size of database
                          connection pool for non-transactional queries.
                          Min=1, Max=1000, Default=50
initialTransactionConnectionPoolSize   Initial size of database
                          connection pool for transactional queries.
                          Min=1, Max=1000, Default=50
  uint InitialTransactionConnectionPoolSize: Initial size of database
                          connection pool for transactional queries. Min=1,
                          Max=1000, Default=50
maxQueryConnectionPoolSize   Maximum size of database connection pool
                          for non-transactional queries. Min=1,
                          Max=32767, Default=1000
  uint MaxQueryConnectionPoolSize: Maximum size of database connection
                          pool for non-transactional queries. Min=1,
                          Max=32767, Default=1000
maxTransactionConnectionPoolSize   Maximum size of database connection
                          pool for transactional queries. Min=1,
                          Max=32767, Default=1000
  uint MaxTransactionConnectionPoolSize: Maximum size of database
                          connection pool for transactional queries. Min=1,
                          Max=32767, Default=1000
refreshInterval            Interval, in number of seconds, the server
                          should wait before refreshing settings. If
                          set to 0, unused database connections are
                          never released. Min=0, Max=32767,
                          Default=300
  uint RefreshInterval: Interval, in number of seconds, the server
                          should wait before refreshing settings. If set to 0,
                          unused database connections are never released.
                          Min=0, Max=32767, Default=300
unusedDbConnectionTimeout   Interval, in number of seconds, a
                          connection should go unused before it is to
                          be released. Min=0, Max=32767, Default=300
  uint UnusedDbConnectionTimeout: Interval, in number of seconds, a
                          connection should go unused before it is to be
                          released. Min=0, Max=32767, Default=300
```

```
busyDbConnectionRetryCount   Number of times a failed database
                             connection will be retried. Min=0,
                             Max=32767, Default=2
  uint BusyDbConnectionRetryCount: Number of times a failed database
                     connection will be retried. Min=0, Max=32767,
                     Default=2
busyDbConnectionRetryInterval   Interval, in number of milliseconds,
                             the server should wait before retrying to
                             connect to a database. Min=0, Max=10000,
                             Default=25
  uint BusyDbConnectionRetryInterval: Interval, in number of
                     milliseconds, the server should wait before retrying
                     to connect to a database. Min=0, Max=10000,
                     Default=25
localConcurrentIoLimit       Maximum concurrent IO transactions it
                             performs for vDisks that are local. A value
                             of 0 disables the feature. Min=0, Max=128,
                             Default=4
  uint LocalConcurrentIoLimit: Maximum concurrent IO transactions it
                     performs for vDisks that are local. A value of 0
                     disables the feature. Min=0, Max=128, Default=4
remoteConcurrentIoLimit      Maximum concurrent IO transactions it
                             performs for vDisks that are remote. A value
                             of 0 disables the feature. Min=0, Max=128,
                             Default=4
  uint RemoteConcurrentIoLimit: Maximum concurrent IO transactions it
                     performs for vDisks that are remote. A value of 0
                     disables the feature. Min=0, Max=128, Default=4
logLevel                     Level to perform logging at. Values are: 0
                             (None), 1 (Fatal), 2 (Error), 3 (Warning), 4
                             (Info), 5 (Debug), and 6 (Trace). Min=0,
                             Max=6, Default=4
  uint LogLevel: Level to perform logging at. Values are: 0 (None), 1
                     (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5
                     (Debug), and 6 (Trace). Min=0, Max=6, Default=4
logFileSizeMax               Maximum size log files can reach in
                             Megabytes. Min=1, Max=50, Default=5
  uint LogFileSizeMax: Maximum size log files can reach in Megabytes.
                     Min=1, Max=50, Default=5
logFileBackupCopiesMax       Maximum number of log file backups. Min=1,
                             Max=50, Default=4
  uint LogFileBackupCopiesMax: Maximum number of log file backups.
                     Min=1, Max=50, Default=4
powerRating                  A strictly relative rating of this Server's
                             capabilities when compared to other Servers
                             in the Store(s) it belongs too; can be used
                             to help tune load balancing. Min=0.1,
                             Max=1000, Default=1
  float PowerRating: A strictly relative rating of this Server's
                     capabilities when compared to other Servers in the
                     Store(s) it belongs too; can be used to help tune
                     load balancing. Min=0.1, Max=1000, Default=1
lastCeipUploadAttempt        Time that this server last attempted a CEIP
                             upload. Default=null
  DateTime LastCeipUploadAttempt: Time that this server last attempted
                     a CEIP upload. Default=Empty
```

```
lastBugReportAttempt        Time that this server last attempted to
                            upload or generate a bug report bundle.
                            Default=null
    DateTime LastBugReportAttempt: Time that this server last attempted
                    to upload or generate a bug report bundle.
                    Default=Empty
lastBugReportStatus         Status of the last bug report on this
                            server. Default=null Max Length=250
    string LastBugReportStatus: Status of the last bug report on this
                    server. Default="" Max Length=250
lastBugReportResult         Status of the last bug report on this
                            server. Default=null Max Length=4000
    string LastBugReportResult: Status of the last bug report on this
                    server. Default="" Max Length=4000
lastBugReportSummary        Summary of the last bug report on this
                            server. Default=null Max Length=250
    string LastBugReportSummary: Summary of the last bug report on this
                    server. Default="" Max Length=250
```

Mcli-Set ServerBiosBootstrap

```
Oem Only: Set the bootstrap fields for the Server dell_bios.bin BIOS
    bootstrap file.
```

Set-PvsServerBiosBootstrap

```
Oem Only: Set Server Bios Bootstrap(s) changed values from
    PvsServerBiosBootstrap object(s), or set one or more field values for a
    PvsServerBiosBootstrap.
    -p                          Parameters needed to identify the record to
                                be changed.
     When ServerBiosBootstrap is not passed the parameters below are used:
    One of these required
      serverId                  GUID of the Server to Set the dell_bios.bin
                                BIOS bootstrap file.
        Guid Guid or ServerId: GUID of the Server to Set the dell_bios.bin
                    BIOS bootstrap file.
      serverName                Name of the Server to Set the dell_bios.bin
                                BIOS bootstrap file.
        string Name or ServerName: Name of the Server to Set the
                    dell_bios.bin BIOS bootstrap file.
      Required
        PvsServerBiosBootstrap[] ServerBiosBootstrap: Array of
                    PvsServerBiosBootstrap objects with changed property
                    value(s) to be set. The object(s) can come from a
                    pileline.
      Optional
        SwitchParameter PassThru: If -PassThru is specified, the resulting
                    PvsServerBiosBootstrap object(s) are returned.
        SwitchParameter Confirm: The impact of this operation is "low". If -
                    Confirm is specified, the operation will be
                    confirmed. $ConfirmPreference can be set to "low" to
                    have confirmation without the Confirm parameter.
    -r                          Record containing the new values for fields
                                to be changed.
      Fields that can have value set
        enabled                 Automatically update the BIOS on the target
                                device with these setting when set to 1,
```

otherwise do not use these settings.
Default=0

bool Enabled: Automatically update the BIOS on the target device with these setting when set to true, otherwise do not use these settings. Default=false

dhcpEnabled   Use DHCP to retrieve target device IP when set to 1, otherwise use the static domain, dnsIpAddress1 and dnsIpAddress2 settings. Default=1

bool DhcpEnabled: Use DHCP to retrieve target device IP when set to true, otherwise use the static domain, dnsIpAddresstrue and dnsIpAddress2 settings. Default=true

lookup   Use DNS to find the Server when set to 1 with the serverName host value, otherwise use the bootserver1_Ip, bootserver1_Port, bootserver2_Ip, bootserver2_Port, bootserver3_Ip, bootserver3_Port, bootserver4_Ip, and bootserver4_Port settings. Default=1

bool Lookup: Use DNS to find the Server when set to true with the ServerName host value, otherwise use the bootservertrue_Ip, bootservertrue_Port, bootserver2_Ip, bootserver2_Port, bootserver3_Ip, bootserver3_Port, bootserver4_Ip, and bootserver4_Port settings. Default=true

verboseMode   Display verbose diagnostic information when set to 1. Default=0

bool VerboseMode: Display verbose diagnostic information when set to true. Default=false

interruptSafeMode   Interrupt safe mode (use if target device hangs during boot) when set to 1. Default=0

bool InterruptSafeMode: Interrupt safe mode (use if target device hangs during boot) when set to true. Default=false

paeMode   PAE mode (use if PAE enabled in boot.ini of target device) when set to 1. Default=0

bool PaeMode: PAE mode (use if PAE enabled in boot.ini of target device) when set to true. Default=false

bootFromHdOnFail   For network recovery reboot to hard drive when set to 1, restore network connection when set to 0. Default=0

bool BootFromHdOnFail: For network recovery reboot to hard drive when set to true, restore network connection when set to false. Default=false

recoveryTime   When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot to hard drive. Min=10, Max=60000, Default=50

uint RecoveryTime: When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot to hard drive. Min=10, Max=60000, Default=50

pollingTimeout   Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000

uint PollingTimeout: Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000

generalTimeout   Login general timeout in milliseconds. Min=1000, Max=60000, Default=5000

```
                   uint GeneralTimeout: Login general timeout in milliseconds. Min=1000,
                           Max=60000, Default=5000
          serverName                  Host to use for DNS lookup. Only used when
                                       lookup is 1. Default=IMAGESERVER1
            string NewName: Host to use for DNS lookup. Only used when Lookup is
                           true. Default=IMAGESERVER1
          bootserver1_Ip              1st boot server IP. Only used when lookup is
                                       0.
            string Bootserver1_Ip: 1st boot server IP. Only used when Lookup is
                           false.
          bootserver1_Port            1st boot server port. Only used when lookup
                                       is 0. Min=1025, Max=65536, Default=6910
          uint Bootserver1_Port: 1st boot server port. Only used when Lookup is
                           false. Min=1025, Max=65536, Default=6910
          bootserver2_Ip              2nd boot server IP. Only used when lookup is
                                       0. Default=0.0.0.0
            string Bootserver2_Ip: 2nd boot server IP. Only used when Lookup is
                           false. Default=0.0.0.0
          bootserver2_Port            2nd boot server port. Only used when lookup
                                       is 0. Min=1025, Max=65536, Default=6910
          uint Bootserver2_Port: 2nd boot server port. Only used when Lookup is
                           false. Min=1025, Max=65536, Default=6910
          bootserver3_Ip              3rd boot server IP. Only used when lookup is
                                       0. Default=0.0.0.0
            string Bootserver3_Ip: 3rd boot server IP. Only used when Lookup is
                           false. Default=0.0.0.0
          bootserver3_Port            3rd boot server port. Only used when lookup
                                       is 0. Min=1025, Max=65536, Default=6910
          uint Bootserver3_Port: 3rd boot server port. Only used when Lookup is
                           false. Min=1025, Max=65536, Default=6910
          bootserver4_Ip              4th boot server IP. Only used when lookup is
                                       0. Default=0.0.0.0
            string Bootserver4_Ip: 4th boot server IP. Only used when Lookup is
                           false. Default=0.0.0.0
          bootserver4_Port            4th boot server port. Only used when lookup
                                       is 0. Min=1025, Max=65536, Default=6910
          uint Bootserver4_Port: 4th boot server port. Only used when Lookup is
                           false. Min=1025, Max=65536, Default=6910
          domain                      Domain of the primary and secondary DNS
                                       servers. Only used when dhcpEnabled is 0.
            string Domain: Domain of the primary and secondary DNS servers. Only
                           used when DhcpEnabled is false.
          dnsIpAddress1               Primary DNS server IP. Only used when
                                       dhcpEnabled is 0.
            string DnsIpAddress1: Primary DNS server IP. Only used when
                           DhcpEnabled is false.
          dnsIpAddress2               Secondary DNS server IP. Only used when
                                       dhcpEnabled is 0.
            string DnsIpAddress2: Secondary DNS server IP. Only used when
                           DhcpEnabled is false.
```

Mcli-Set ServerBootstrap

```
   Set the bootstrap fields for the Server and named bootstrap file specified.
```

Set-PvsServerBootstrap
```
   Set Server Bootstrap(s) changed values from PvsServerBootstrap object(s),
     or set one or more field values for a PvsServerBootstarp.
```

```
-p                                 Parameters needed to identify the record to
                                   be changed.
 When ServerBootstrap is not passed the parameters below are used:
 One of these required
  serverId                         GUID of the Server to Set the named
                                   bootstrap file on.
    Guid Guid or ServerId: GUID of the Server to Set the named bootstrap
                   file on.
  serverName                       Name of the Server to Set the named
                                   bootstrap file on.
    string ServerName: Name of the Server to Set the named bootstrap file
                   on.
 This required
  name                             Name of the bootstrap file.
    string Name: Name of the bootstrap file.
  Required
    PvsServerBootstrap[] ServerBootstrap: Array of PvsServerBootstrap
                   objects with changed property value(s) to be set.
                   The object(s) can come from a pileline.
  Optional
    SwitchParameter PassThru: If -PassThru is specified, the resulting
                   PvsServerBootstrap object(s) are returned.
    SwitchParameter Confirm: The impact of this operation is "low". If -
                   Confirm is specified, the operation will be
                   confirmed. $ConfirmPreference can be set to "low" to
                   have confirmation without the Confirm parameter.
-r                                 Record containing the new values for fields
                                   to be changed.
 Fields that can have value set
  bootserver1_Ip           1st boot server IP.
    string Bootserver1_Ip: 1st boot server IP.
  bootserver1_Netmask      1st boot server netmask. Default=0.0.0.0
    string Bootserver1_Netmask: 1st boot server netmask. Default=0.0.0.0
  bootserver1_Gateway      1st boot server gateway. Default=0.0.0.0
    string Bootserver1_Gateway: 1st boot server gateway. Default=0.0.0.0
  bootserver1_Port         1st boot server port. Min=1025, Max=65536,
                                   Default=6910
    uint Bootserver1_Port: 1st boot server port. Min=1025, Max=65536,
                   Default=6910
  bootserver2_Ip           2nd boot server IP. Default=0.0.0.0
    string Bootserver2_Ip: 2nd boot server IP. Default=0.0.0.0
  bootserver2_Netmask      2nd boot server netmask. Default=0.0.0.0
    string Bootserver2_Netmask: 2nd boot server netmask. Default=0.0.0.0
  bootserver2_Gateway      2nd boot server gateway. Default=0.0.0.0
    string Bootserver2_Gateway: 2nd boot server gateway. Default=0.0.0.0
  bootserver2_Port         2nd boot server port. Min=1025, Max=65536,
                                   Default=6910
    uint Bootserver2_Port: 2nd boot server port. Min=1025, Max=65536,
                   Default=6910
  bootserver3_Ip           3rd boot server IP. Default=0.0.0.0
    string Bootserver3_Ip: 3rd boot server IP. Default=0.0.0.0
  bootserver3_Netmask      3rd boot server netmask. Default=0.0.0.0
    string Bootserver3_Netmask: 3rd boot server netmask. Default=0.0.0.0
  bootserver3_Gateway      3rd boot server gateway. Default=0.0.0.0
    string Bootserver3_Gateway: 3rd boot server gateway. Default=0.0.0.0
  bootserver3_Port         3rd boot server port. Min=1025, Max=65536,
                                   Default=6910
```

```
            uint Bootserver3_Port: 3rd boot server port. Min=1025, Max=65536,
                        Default=6910
  bootserver4_Ip              4th boot server IP. Default=0.0.0.0
    string Bootserver4_Ip: 4th boot server IP. Default=0.0.0.0
  bootserver4_Netmask         4th boot server netmask. Default=0.0.0.0
    string Bootserver4_Netmask: 4th boot server netmask. Default=0.0.0.0
  bootserver4_Gateway         4th boot server gateway. Default=0.0.0.0
    string Bootserver4_Gateway: 4th boot server gateway. Default=0.0.0.0
  bootserver4_Port            4th boot server port. Min=1025, Max=65536,
                              Default=6910
    uint Bootserver4_Port: 4th boot server port. Min=1025, Max=65536,
                        Default=6910
  verboseMode                 Display verbose diagnostic information when
                              set to 1. Default=0
    bool VerboseMode: Display verbose diagnostic information when set to
                      true. Default=false
  interruptSafeMode           Interrupt safe mode (use if target device
                              hangs during boot) when set to 1. Default=0
    bool InterruptSafeMode: Interrupt safe mode (use if target device
                        hangs during boot) when set to true. Default=false
  paeMode                     PAE mode (use if PAE enabled in boot.ini of
                              target device) when set to 1. Default=0
    bool PaeMode: PAE mode (use if PAE enabled in boot.ini of target
                      device) when set to true. Default=false
  bootFromHdOnFail            For network recovery reboot to hard drive
                              when set to 1, restore network connection
                              when set to 0. Default=0
    bool BootFromHdOnFail: For network recovery reboot to hard drive when
                        set to true, restore network connection when set to
                        false. Default=false
  recoveryTime                When bootFromHdOnFail is 1, this is the
                              number of seconds to wait before reboot to
                              hard drive. Min=10, Max=60000, Default=50
    uint RecoveryTime: When bootFromHdOnFail is 1, this is the number of
                        seconds to wait before reboot to hard drive. Min=10,
                        Max=60000, Default=50
  pollingTimeout              Login polling timeout in milliseconds.
                              Min=1000, Max=60000, Default=5000
    uint PollingTimeout: Login polling timeout in milliseconds. Min=1000,
                        Max=60000, Default=5000
  generalTimeout              Login general timeout in milliseconds.
                              Min=1000, Max=60000, Default=5000
    uint GeneralTimeout: Login general timeout in milliseconds. Min=1000,
                        Max=60000, Default=5000
```

Mcli-Set ServerStore

```
  Set the directory path and cache paths of a Server for a Store.
```

Set-PvsServerStore

```
  Set ServerStore(s) changed values from PvsServerStore object(s), or set one
    or more field values for a PvsServerStore.
    -p                          Parameters needed to identify the record to
                                be changed.
      When ServerStore is not passed the parameters below are used:
    One of these required
      serverId                  GUID of a Server that uses the path to get
                                to the Store.
```

```
              Guid Guid or ServerId: GUID of a Server that uses the path to get to
                          the Store.
      serverName                    Name of a Server that uses the path to get
                                      to the Store.
          string Name or ServerName: Name of a Server that uses the path to get
                          to the Store.
    One of these required
      storeId                       GUID of the Store.
        Guid StoreId: GUID of the Store.
      storeName                     Name of the Store.
        string StoreName: Name of the Store.
      Required
        PvsServerStore[] ServerStore: Array of PvsServerStore objects with
                          changed property value(s) to be set. The object(s)
                          can come from a pileline.
      Optional
        SwitchParameter PassThru: If -PassThru is specified, the resulting
                          PvsServerStore object(s) are returned.
        SwitchParameter Confirm: The impact of this operation is "low". If -
                          Confirm is specified, the operation will be
                          confirmed. $ConfirmPreference can be set to "low" to
                          have confirmation without the Confirm parameter.
    -r                             Record containing the new values for fields
                                    to be changed.
     Fields that can have value set
      path                          Directory path that the Server uses to
                                      access the Store. Default="" Max Length=255
          string Path: Directory path that the Server uses to access the Store.
                          Default="" Max Length=255
      cachePath                     Cache path(s) that the Server uses with the
                                      Store. It is an ordered comma-delimited
                                      list. If none are specified the caches will
                                      be placed in the Store cachePath.
                                      Default=None
        string[] CachePath: Cache path(s) that the Server uses with the
                          Store. If none are specified the caches will be
                          placed in the Store cachePath. Default=None
```

Mcli-Set Site

```
    Set one or more field values for a Site.
```

Set-PvsSite

```
    Set Site(s) changed values from PvsSite object(s), or set one or more field
      values for a PvsSite.
    -p                             Parameters needed to identify the record to
                                    be changed.
      When Site is not passed the parameters below are used:
      One of these required
      siteId                       GUID of the Site to Set.
        Guid Guid or SiteId: GUID of the Site to Set.
      siteName                     Name of the Site to Set.
        string Name or SiteName: Name of the Site to Set.
      Required
        PvsSite[] Site: Array of PvsSite objects with changed property
                          value(s) to be set. The object(s) can come from a
                          pileline.
      Optional
```

```
     SwitchParameter PassThru: If -PassThru is specified, the resulting
                     PvsSite object(s) are returned.
     SwitchParameter Confirm: The impact of this operation is "low". If -
                     Confirm is specified, the operation will be
                     confirmed. $ConfirmPreference can be set to "low" to
                     have confirmation without the Confirm parameter.
-r                                Record containing the new values for fields
                                  to be changed.
  Fields that can have value set
  siteName                     Name of the Site. Max Length=50
    string NewName: Name of the Site. Max Length=50
  description                  User description. Default="" Max Length=250
    string Description: User description. Default="" Max Length=250
  defaultCollectionId          GUID of the Collection to place new Devices
                               into automatically. Not used with
                               defaultCollectionName. Default=null
                               Length=36
    Guid DefaultCollectionId: GUID of the Collection to place new Devices
                     into automatically. Not used with
                     defaultCollectionName. Default=00000000-0000-0000-
                     0000-000000000000
  defaultCollectionName        Name of the Collection to place new Devices
                               into automatically. Not used with
                               defaultCollectionId. Default=null
    string DefaultCollectionName: Name of the Collection to place new
                     Devices into automatically. Not used with
                     DefaultCollectionId. Default=""
  inventoryFilePollingInterval  The number of seconds between polls for
                               Disk changes in the Stores. Min=1, Max=600,
                               Default=60
    uint InventoryFilePollingInterval: The number of seconds between
                     polls for Disk changes in the Stores. Min=1,
                     Max=600, Default=60
  enableDiskUpdate             1 when Disk Updated is enabled for the Site,
                               0 otherwise. Default=0
    bool EnableDiskUpdate: True when Disk Updated is enabled for the
                     Site, false otherwise. Default=false
  diskUpdateServerId           GUID of the Disk Update Server for the Site.
                               Not used with diskUpdateServerName.
                               Default=null Length=36
    Guid DiskUpdateServerId: GUID of the Disk Update Server for the Site.
                     Not used with DiskUpdateServerName.
                     Default=00000000-0000-0000-0000-000000000000
  diskUpdateServerName         Name of the Disk Update Server for the Site.
                               Not used with diskUpdateServerId.
                               Default=null
    string DiskUpdateServerName: Name of the Disk Update Server for the
                     Site. Not used with DiskUpdateServerId. Default=""
  makUser                      User name used for MAK activation.
                               Default=null Max Length=64
    string MakUser: User name used for MAK activation. Default="" Max
                     Length=64
  makPassword                  User password used for MAK activation.
                               Default=null Max Length=64
    string MakPassword: User password used for MAK activation. Default=""
                     Max Length=64
```

```
    enableXsProxy              Enable XenServerProxy when set to 1
                                  Default=null
      string EnableXsProxy: Enable XenServerProxy when set to 1 Default=""
    virtualHostingPoolId       GUID of the VirtualHostingPool object.
       Guid VirtualHostingPoolId: GUID of the VirtualHostingPool object.
    virtualHostingPoolName     Name of the VirtualHostingPool object.
        string VirtualHostingPoolName: Name of the VirtualHostingPool object.
    xsPvsSiteUuid              GUID of the XenServer PVS Site.
        string XsPvsSiteUuid: GUID of the XenServer PVS Site.
```

Mcli-Set SiteView

```
    Set one or more field values for a Site View.
```

Set-PvsSiteView

```
    Set Site View(s) changed values from PvsSiteView object(s), or set one or
      more field values for a PvsSiteView.
      -p                         Parameters needed to identify the record to
                                    be changed.
       When SiteView is not passed the parameters below are used:
       This required
        siteViewId               GUID of the Site View to Set.
          Guid Guid or SiteViewId: GUID of the Site View to Set.
       or this required & resolution
        siteViewName             Name of the Site View to Set.
           string Name or SiteViewName: Name of the Site View to Set.
       One of these resolutions when needed
        siteId                   GUID of the Site.
          Guid SiteId: GUID of the Site.
        siteName                 Name of the Site.
           string SiteName: Name of the Site.
           Required
            PvsSiteView[] SiteView: Array of PvsSiteView objects with changed
                           property value(s) to be set. The object(s) can come
                           from a pileline.
           Optional
            SwitchParameter PassThru: If -PassThru is specified, the resulting
                           PvsSiteView object(s) are returned.
            SwitchParameter Confirm: The impact of this operation is "low". If -
                           Confirm is specified, the operation will be
                           confirmed. $ConfirmPreference can be set to "low" to
                           have confirmation without the Confirm parameter.
      -r                         Record containing the new values for fields
                                    to be changed.
       Fields that can have value set
        siteViewName             Name of the Site View. Max Length=50
           string NewName: Name of the Site View. Max Length=50
        description              User description. Default="" Max Length=250
           string Description: User description. Default="" Max Length=250
```

Mcli-Set Store

```
    Set one or more field values for a Store.
```

Set-PvsStore

```
    Set Store(s) changed values from PvsStore object(s), or set one or more
      field values for a PvsStore.
      -p                         Parameters needed to identify the record to
                                    be changed.
```

When Store is not passed the parameters below are used:
One of these required
  storeId   GUID of the Store to Set.
   Guid Guid or StoreId: GUID of the Store to Set.
  storeName   Name of the Store to Set.
   string Name or StoreName: Name of the Store to Set.
  Required
   PvsStore[] Store: Array of PvsStore objects with changed property
                  value(s) to be set. The object(s) can come from a
                  pileline.
  Optional
   SwitchParameter PassThru: If -PassThru is specified, the resulting
                  PvsStore object(s) are returned.
   SwitchParameter Confirm: The impact of this operation is "low". If -
                  Confirm is specified, the operation will be
                  confirmed. $ConfirmPreference can be set to "low" to
                  have confirmation without the Confirm parameter.
-r   Record containing the new values for fields
                 to be changed.
 Fields that can have value set
  storeName   Name of the Store. Max Length=50
   string NewName: Name of the Store. Max Length=50
  siteId   GUID of the Site where Administrators of
                  that Site can change this Store. Not used
                  for Farm Stores. siteName can be used
                  instead. Default=null Length=36
   Guid SiteId: GUID of the Site where Administrators of that Site can
                  change this Store. Not used for Farm Stores.
                  SiteName can be used instead. Default=00000000-0000-
                  0000-0000-000000000000
  siteName   Name of the Site where Administrators of
                  that Site can change this Store. Not used
                  for Farm Stores. siteId can be used instead.
                  Default=null
   string SiteName: Name of the Site where Administrators of that Site
                  can change this Store. Not used for Farm Stores.
                  SiteId can be used instead. Default=""
  description   User description. Default="" Max Length=250
   string Description: User description. Default="" Max Length=250
  path   Default directory path that the Servers use
                  to access this Store. Max Length=255
   string Path: Default directory path that the Servers use to access
                  this Store. Max Length=255
  cachePath   Default Cache path(s) that the Servers use
                  with this Store. It is an ordered comma-
                  delimited list. If none are specified the
                  caches will be placed in the WriteCache
                  subdirectory of the Store path. Default=None
   string[] CachePath: Default Cache path(s) that the Servers use with
                  this Store. If none are specified the caches will be
                  placed in the WriteCache subdirectory of the Store
                  path. Default=None

Mcli-Set UpdateTask

Set one or more field values for an Update Task.

Set-PvsUpdateTask

Set Update Task(s) changed values from PvsUpdateTask object(s), or set one
or more field values for a PvsUpdateTask.
  -p   Parameters needed to identify the record to
                               be changed.
   When UpdateTask is not passed the parameters below are used:
   This required
    updateTaskId   GUID of the Update Task to Set.
      Guid Guid or UpdateTaskId: GUID of the Update Task to Set.
   or this required & resolution
    updateTaskName   Name of the Update Task to Set.
      string Name or UpdateTaskName: Name of the Update Task to Set.
   One of these resolutions when needed
    siteId   GUID of the Site.
      Guid SiteId: GUID of the Site.
    siteName   Name of the Site.
      string SiteName: Name of the Site.
    Required
      PvsUpdateTask[] UpdateTask: Array of PvsUpdateTask objects with
                       changed property value(s) to be set. The object(s)
                       can come from a pileline.
    Optional
      SwitchParameter PassThru: If -PassThru is specified, the resulting
                       PvsUpdateTask object(s) are returned.
      SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
  -r   Record containing the new values for fields
                               to be changed.
   Fields that can have value set
    updateTaskName   Name of the Update Task. It is unique within
                              the Site. Max Length=50
      string NewName: Name of the Update Task. It is unique within the
                       Site. Max Length=50
    description   User description. Default="" Max Length=250
      string Description: User description. Default="" Max Length=250
    enabled   1 when it will be processed, 0 otherwise.
                              Default=1
      bool Enabled: True when it will be processed, false otherwise.
                       Default=true
    hour   The hour of the day to perform the task.
                              Min=0, Max=23, Default=0
      uint Hour: The hour of the day to perform the task. Min=0, Max=23,
                       Default=0
    minute   The minute of the hour to perform the task.
                              Min=0, Max=59, Default=0
      uint Minute: The minute of the hour to perform the task. Min=0,
                       Max=59, Default=0
    recurrence   The update will reoccur on this schedule. 0
                              = None, 1 = Daily, 2 = Every Weekday, 3 =
                              Weekly, 4 = Monthly Date, 5 = Monthly Type.
                              Min=0, Max=5, Default=0
      uint Recurrence: The update will reoccur on this schedule. 0 = None,
                       1 = Daily, 2 = Every Weekday, 3 = Weekly, 4 =
                       Monthly Date, 5 = Monthly Type. Min=0, Max=5,
                       Default=0

dayMask	Days selected values. 1 = Monday, 2 = Tuesday, 4 = Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday, 64 = Sunday, 128 = Day. Default=0. This is used with Weekly and Monthly Type recurrence. Min=1, Max=255, Default=4

uint DayMask: Days selected values. 1 = Monday, 2 = Tuesday, 4 = Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday, 64 = Sunday, 128 = Day. Default=0. This is used with Weekly and Monthly Type recurrence. Min=1, Max=255, Default=4

date	Comma delimited days of the month. Numbers from 1-31 are the only valid values. This is used with Monthly Date recurrence. Default="" Max Length=83

uint[] Date: Days of the month. Numbers from 1-31 are the only valid values. This is used with Monthly Date recurrence. Default="" Max Length=83

monthlyOffset	When to happen monthly. 0 = None, 1 = First, 2 = Second, 3 = Third, 4 = Forth, 5 = Last. This is used with Monthly Type recurrence. Min=0, Max=5, Default=3

uint MonthlyOffset: When to happen monthly. 0 = None, 1 = First, 2 = Second, 3 = Third, 4 = Forth, 5 = Last. This is used with Monthly Type recurrence. Min=0, Max=5, Default=3

esdType	Esd to use. Valid values are SCCM or WSUS. If no value, a custom script is run on the client. Default=null Max Length=50

string EsdType: Esd to use. Valid values are SCCM or WSUS. If no value, a custom script is run on the client. Default="" Max Length=50

preUpdateScript	Script file to run before the update starts. Default=null Max Length=255

string PreUpdateScript: Script file to run before the update starts. Default="" Max Length=255

preVmScript	Script file to run before the VM is loaded. Default=null Max Length=255

string PreVmScript: Script file to run before the VM is loaded. Default="" Max Length=255

postUpdateScript	Script file to run after the update finishes. Default=null Max Length=255

string PostUpdateScript: Script file to run after the update finishes. Default="" Max Length=255

postVmScript	Script file to run after the VM is unloaded. Default=null Max Length=255

string PostVmScript: Script file to run after the VM is unloaded. Default="" Max Length=255

domain	Domain to add the Disk Update Device(s) to. If not included, the first Domain Controller found on the Server is used. Default=null Max Length=255

string Domain: Domain to add the Disk Update Device(s) to. If not included, the first Domain Controller found on the Server is used. Default="" Max Length=255

organizationUnit	Organizational Unit to add the Disk Update Device(s) to. This parameter is optional. If

it is not specified, the device is added to
the built in Computers container. Child OU's
should be delimited with forward slashes,
e.g. "ParentOU/ChildOU". Special characters
in an OU name, such as '"', '#', '+', ',',
';', '>', '=', must be escaped with a
backslash. For example, an OU called
"commaIn,TheMiddle" must be specified as
"commaIn\,TheMiddle". The old syntax of
delimiting child OU's with a comma is still
supported, but deprecated. Note that in this
case, the child OU comes first, e.g.
"ChildOU,ParentOU". Default=null Max
Length=255

string OrganizationUnit: Organizational Unit to add the Disk Update
Device(s) to. This parameter is optional. If it is
not specified, the device is added to the built in
Computers container. Child OU's should be delimited
with forward slashes, e.g. "ParentOU/ChildOU".
Special characters in an OU name, such as '"', '#',
'+', ',', ';', '>', '=', must be escaped with a
backslash. For example, an OU called
"commaIn,TheMiddle" must be specified as
"commaIn\,TheMiddle". The old syntax of delimiting
child OU's with a comma is still supported, but
deprecated. Note that in this case, the child OU
comes first, e.g. "ChildOU,ParentOU". Default="" Max
Length=255

postUpdateApprove   Access to place the version in after the
update has occurred. 0 = Production, 1 =
Test, 2 = Maintenance. Min=0, Max=2,
Default=0

uint PostUpdateApprove: Access to place the version in after the
update has occurred. 0 = Production, 1 = Test, 2 =
Maintenance. Min=0, Max=2, Default=0

Mcli-Set VirtualHostingPool

Set one or more field values for a Virtual Hosting Pool.

Set-PvsVirtualHostingPool

Set Virtual Hosting Pool(s) changed values from PvsVirtualHostingPool
object(s), or set one or more field values for a PvsVirtualHostingPool.
-p   Parameters needed to identify the record to
be changed.
When VirtualHostingPool is not passed the parameters below are used:
This required
virtualHostingPoolId   GUID of the Virtual Hosting Pool to Set.
Guid Guid or VirtualHostingPoolId: GUID of the Virtual Hosting Pool
to Set.
or this required & resolution
virtualHostingPoolName   Name of the Virtual Hosting Pool to Set.
string Name or VirtualHostingPoolName: Name of the Virtual Hosting
Pool to Set.
One of these resolutions when needed
siteId   GUID of the Site.
Guid SiteId: GUID of the Site.
siteName   Name of the Site.

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```
          string SiteName: Name of the Site.
      Required
        PvsVirtualHostingPool[] VirtualHostingPool: Array of
                        PvsVirtualHostingPool objects with changed property
                        value(s) to be set. The object(s) can come from a
                        pileline.
      Optional
        SwitchParameter PassThru: If -PassThru is specified, the resulting
                        PvsVirtualHostingPool object(s) are returned.
        SwitchParameter Confirm: The impact of this operation is "low". If -
                        Confirm is specified, the operation will be
                        confirmed. $ConfirmPreference can be set to "low" to
                        have confirmation without the Confirm parameter.
  -r                              Record containing the new values for fields
                                to be changed.
   Fields that can have value set
    virtualHostingPoolName    Name of the Virtual Hosting Pool. It is
                                unique within the Site. Max Length=50
      string NewName: Name of the Virtual Hosting Pool. It is unique within
                        the Site. Max Length=50
    type                      Type of the Virtual Hosting Pool. 0 = Citrix
                                XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 =
                                VMWare vSphere/ESX. Min=0, Max=3, Default=0
      uint Type: Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1
                        = Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX.
                        Min=0, Max=3, Default=0
    description               User description. Default="" Max Length=250
      string Description: User description. Default="" Max Length=250
    server                    Name or IP of the Host Server. Max
                                Length=255
      string Server: Name or IP of the Host Server. Max Length=255
    port                      Port of the Host Server. Min=80, Max=65534,
                                Default=80
      uint Port: Port of the Host Server. Min=80, Max=65534, Default=80
    datacenter                Datacenter of the Virtual Hosting Pool.
                                Default="" Max Length=250
      string Datacenter: Datacenter of the Virtual Hosting Pool. Default=""
                        Max Length=250
    updateLimit               Number of updates at the same time. Min=2,
                                Max=1000, Default=1000
      uint UpdateLimit: Number of updates at the same time. Min=2,
                        Max=1000, Default=1000
    updateTimeout             Timeout for updates. Min=2, Max=240,
                                Default=60
      uint UpdateTimeout: Timeout for updates. Min=2, Max=240, Default=60
    shutdownTimeout           Timeout for shutdown. Min=2, Max=30,
                                Default=10
      uint ShutdownTimeout: Timeout for shutdown. Min=2, Max=30, Default=10
    userName                  Name to use when logging into the Server.
      string UserName: Name to use when logging into the Server.
    password                  Password to use when logging into the
                                Server.
      string Password: Password to use when logging into the Server.
    xdHostingUnitUuid         UUID of XenDesktop Hosting Unit Default=null
                                Length=36
      Guid XdHostingUnitUuid: UUID of XenDesktop Hosting Unit
                        Default=00000000-0000-0000-0000-000000000000
```

```
prepopulateEnabled        Enable prepopulate when set to 1 Default=0
  bool PrepopulateEnabled: Enable prepopulate when set to true
                    Default=false
xsPvsSiteUuid             UUID of XenServer PVS_site  Default=null
                          Length=36
  Guid XsPvsSiteUuid: UUID of XenServer PVS_site  Default=00000000-
                    0000-0000-0000-000000000000
platformVersion            Hypervisor Host Version  Default=null Max
                          Length=250
  string PlatformVersion:  Hypervisor Host Version  Default="" Max
                    Length=250
xdHcHypervisorConnectionName  Hypervisor Connection Name for HCL
                              Connection Details object Default=null Max
                              Length=250
  string XdHcHypervisorConnectionName: Hypervisor Connection Name for
                    HCL Connection Details object Default="" Max
                    Length=250
xdHcHypervisorConnectionUid  Hypervisor Connection Uid for HCL
                             Connection Details object Default=null Max
                             Length=250
  string XdHcHypervisorConnectionUid: Hypervisor Connection Uid for HCL
                    Connection Details object Default="" Max Length=250
xdHcRevision              Revision for HCL Connection Details object
                          Default=null Max Length=250
  string XdHcRevision: Revision for HCL Connection Details object
                    Default="" Max Length=250
xdHcCustomProperties      Custom Properties for HCL Connection Details
                          object Default=null Max Length=250
  string XdHcCustomProperties: Custom Properties for HCL Connection
                    Details object Default="" Max Length=250
xdHcSslThumbprints        Ssl Thumbprints for HCL Connection Details
                          object Default=null Max Length=250
  string XdHcSslThumbprints: Ssl Thumbprints for HCL Connection Details
                    object Default="" Max Length=250
disableHostXsProxy        True to disable PVS-Accelerator Default=null
  string DisableHostXsProxy: True to disable PVS-Accelerator Default=""
```

Mcli-Set XDSite

Set the configServices field value for a XenDesktop Site.

Set-PvsXDSite

```
Set XDSite(s) changed values from PvsXDSite object(s), or set one or more
  field values for a PvsXDSite.
  -p                        Parameters needed to identify the record to
                            be changed.
   When XDSite is not passed the parameters below are used:
   This required
   xdSiteId                 GUID of the XenDesktop Site to Set.
     Guid Guid or XdSiteId: GUID of the XenDesktop Site to Set.
     Required
     PvsXDSite[] XDSite: Array of PvsXDSite objects with changed property
                    value(s) to be set. The object(s) can come from a
                    pileline.
   Optional
     SwitchParameter PassThru: If -PassThru is specified, the resulting
                    PvsXDSite object(s) are returned.
```

```
              SwitchParameter Confirm: The impact of this operation is "low". If -
                       Confirm is specified, the operation will be
                       confirmed. $ConfirmPreference can be set to "low" to
                       have confirmation without the Confirm parameter.
      -r                         Record containing the new values for fields
                                 to be changed.
        Fields that can have value set
         configServices              Comma delimited list of XenDesktop Server
                                     addresses. Max Length=2000
            string[] ConfigServices: XenDesktop Server addresses. Max Length=2000
```

Mcli-SetList

```
 Mcli-SetList commandName[ -p name=value[, name2=value2]][ -r
    record1field=value[, record1field2=value2][, record2field=value[,
    record2field2=value2]]]
```

Mcli-SetList DeviceBootstraps

```
   Set the Bootstrap Files for a Device.
```
Set-PvsDeviceBootstrap

```
   Set Device Bootstrap List(s) changed values from PvsDeviceBootstrap
     object(s).
      -p                           Parameters needed to identify the record to
                                   be changed.
       One of these required
         deviceId                    GUID of the Device.
         deviceName                  Name of the Device.
         deviceMac                   MAC of the Device.
         Required
          PvsDeviceBootstrap[] DeviceBootstrap: Array of PvsDeviceBootstrap
                          objects with changed DeviceBootstrap. The object(s)
                          can come from a pileline.
         Optional
          SwitchParameter PassThru: If -PassThru is specified, the resulting
                          PvsDeviceBootstrap object(s) are returned.
          SwitchParameter Confirm: The impact of this operation is "low". If -
                          Confirm is specified, the operation will be
                          confirmed. $ConfirmPreference can be set to "low" to
                          have confirmation without the Confirm parameter.
      -r                           Records with fields to set.
        These exist in the DeviceBootstrap array within each
                        PvsDeviceBootstrap.
        Each array item is a PvsDeviceBootstrapList object.
        They are set using the Add, Insert, Remove, Set, and Reorder methods in
                        the PvsDeviceBootstrap.
         bootstrap                   Name of the bootstrap file. Max Length=259
           string Name or Bootstrap: Name of the bootstrap file. Max Length=259
         menuText                    Text that is displayed in the Boot Menu. If
                                     this field has no value, the bootstrap value
                                     is used. Default="" ASCII Max Length=64
           string MenuText: Text that is displayed in the Boot Menu. If this
                          field has no value, the bootstrap value is used.
                          Default="" ASCII Max Length=64
```

Mcli-SetList DevicePersonality

```
   Set the Device Personality names and values.
```

Set-PvsDevicePersonality

Set Device Personality List(s) changed values from PvsDevicePersonality object(s).

  -p   Parameters needed to identify the record to be changed.

One of these required

  deviceId   GUID of the Device.
  deviceName   Name of the Device.
  deviceMac   MAC of the Device.

Required

  PvsDevicePersonality[] DevicePersonality: Array of PvsDevicePersonality objects with changed DevicePersonality. The object(s) can come from a pileline.

Optional

  SwitchParameter PassThru: If -PassThru is specified, the resulting PvsDevicePersonality object(s) are returned.
  SwitchParameter Confirm: The impact of this operation is "low". If -Confirm is specified, the operation will be confirmed. $ConfirmPreference can be set to "low" to have confirmation without the Confirm parameter.

  -r   Records with fields to set.

These exist in the DevicePersonality array within each PvsDevicePersonality.
Each array item is a PvsDevicePersonalityList object.
They are set using the Add, Insert, Remove, Set, and Reorder methods in the PvsDevicePersonality.

  name   Name of the Device personality item. Max Length=250

  string Name: Name of the Device personality item. Max Length=250

  value   Value for the Device personality item. Max Length=1000

  string Value: Value for the Device personality item. Max Length=1000