



XenApp 5 Feature Pack 3 for Windows Server 2008

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XenApp 5 Feature Pack 3 for Windows Server 2008

XenApp 5 Feature Pack 3 for Windows Server 2008 delivers key HDX user experience enhancements to XenApp 5 on Windows 2008. It also makes available enhancements to application streaming, profile management, and other XenApp features.

XenApp 5 Feature Pack 3 for Windows Server 2008 Overview

HDX MediaStream for Flash	Doc Finder
HDX Plug-n-Play for USB storage devices	Profile Management
HDX IntelliCache for XenApp optimization over WAN	Web Interface
Readme for Citrix Offline Plug-in 6 and Streaming Profiler 6	Licensing Your Product

Please check [the archive](#) for additional documentation not listed here.

Other XenApp Features

Citrix XenApp includes additional features in each edition to help enhance the user application virtualization experience. This table includes links to the product documentation located in Citrix eDocs or in the Citrix Knowledge Center describing these features.

Branch optimization powered by Citrix Branch Repeater	SmartAccess powered by Citrix Access Gateway™
EasyCall voice services	Service Monitoring (EdgeSight)
Load testing services	Single Sign-on
Provisioning Services	VM Hosted Apps

About XenApp 5 Feature Pack 3 for Windows Server 2008

What's New

XenApp 5 Feature Pack 3 for Windows Server 2008 delivers key HDX user experience enhancements to XenApp 5 on Windows 2008:

- **HDX MediaStream for Flash.** Moves the processing of Adobe Flash Player to user devices rather than using network server resources. This results in a high-definition experience when using Windows Internet Explorer to access Flash content, including animations, videos, and applications. By moving the processing to the user device, HDX MediaStream for Flash reduces server and network load, resulting in greater scalability.

Note: HDX MediaStream for Flash requires Citrix online plug-in 12.0. However, some information in the Citrix online plug-in 12.0 documentation might not apply when using the online plug-in with XenApp 5 Feature Pack 3 for Windows Server 2008. See the documentation for the Citrix online plug-in 11.2 if the documentation for Citrix online plug-in 12.0 does not apply.

- **HDX Plug-n-Play for USB storage.** Enables users to interact with USB mass storage devices connected to their user devices when connected to a XenApp session. When HDX Plug-n-Play for USB storage devices is enabled, users can connect or disconnect a USB device from a session at anytime, regardless of whether the session was started before or after the drive connection.
- **HDX IntelliCache for XenApp optimization over WAN.** Enables the Citrix Branch Repeater appliance to perform cross-session data compression for XenApp traffic. Cross-session compression reduces and streamlines traffic sent over the wide area network (WAN) when used in conjunction with the Branch Repeater TCP flow control and ICA-aware Quality-of-Service (QoS).

For users behind one Branch Repeater appliance, this data compression can be utilized by sessions that contain compressible traffic, such as:

- Sessions for text-heavy applications (such as a word processing application) of identical window size and resolution in owned by multiple users
- Single-user sessions of fixed window size and resolutions scrolling through a text-heavy document
- Printing identical files inside a single session, multiple users printing identical files
- Repetitive file transfers, such as to and from mapped client drives, such as uploading or downloading email attachments

XenApp 5 Feature Pack 3 for Windows Server 2008 provides these additional enhancements to XenApp 5 on Windows 2008:

- **Isolation of services in profiles.** Available with the Citrix offline plug-in 6 and the Streaming Profiler 6. Use this feature in the Streaming Profiler to install services in application profiles so they run in isolation on user devices. After you create a whitelist of approved servers and edit the registry on user devices, users can stream profiles with services from approved locations.

Note: Some information in the documentation for Citrix offline plug-in 6 and the Streaming Profiler 6 might not apply when using application streaming with XenApp 5 Feature Pack 3 for Windows Server 2008. See the documentation for application streaming for XenApp 5 for Windows Server 2008 if the documentation for Citrix offline plug-in 6 and the Streaming Profiler 6 does not apply.

- **Citrix streamed user profiles.** Available with Profile management 3.0. This feature of Profile management offers alternative ways of speeding up logons and logoffs. Users' profiles on the local computer are fetched from the user store only when they are needed.
- **Other XenApp features.** Citrix XenApp includes additional features in each edition to help enhance the user application virtualization experience:
 - Branch optimization
 - Easy Call voice services
 - Load testing services
 - Provisioning services
 - Secure application access
 - Service monitoring
 - Single sign-on
 - Workflow Studio orchestration
 - VM hosted apps

Fixed Issues

For issues related to HDX user experience enhancements fixed in this release:

- For 32-bit editions of XenApp, see Knowledge Center article [CTX123688](#)
- For 64-bit editions of XenApp, see Knowledge Center article [CTX123686](#)

For issues fixed in other components available in this release, see the documentation for those components.

Known Issues

This section contains:

- Installation issues for HDX user experience enhancements
- Other known issues for HDX user experience enhancements
- Single Sign-on issues

For known issues for other components, see the documentation for those components.

Installation Issues for HDX User Experience Enhancements

- Installing the HDX MediaStream for Flash version 1.1.0 package (CitrixHDXMediaStreamForFlash-ServerInstall.msi) using Active Directory Software Installation might fail. To prevent this failure, use a start-up script to deploy the package. [#229263]
- Current Citrix Subscription Advantage membership is required to install XenApp 5 Feature Pack 3 for Windows Server 2008. If your Subscription Advantage membership is not current, XenApp servers on which you install XA50_FP3_HDX_WS08.exe will not be able to establish ICA sessions. If this occurs, return the server to its previous state:
 1. From the Programs and Features list, uninstall Citrix Hotfix XAE500W2K8_FP3_Enabler (for 32-bit editions of XenApp) or Citrix Hotfix XAE500W2K8X64_FP3_Enabler (for 64-bit editions of XenApp).
 2. Set the value of the following registry key, if it does not already contain this value:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Citrix

Name: NewProductVersion

Type: REG_SZ

Data: 5.0.0

[#230769]
- When the Citrix Access Management Console included with XenApp 5 Feature Pack 3 for Windows Server 2008 is installed on a XenApp server that has Access Management Console - Framework version 5.0.2 installed, the following might occur:
 - An error message might appear saying , "Error: A Later version of Citrix Access Management Console - Framework snap-in is already installed," and the installation might appear to exit abnormally
 - Some components of the Access Management Console might not appear in the component list in the installation wizardDepending on how the Framework was installed, you can either uninstall the Framework and install the Access Management Console again or ignore the errors and continue the install. To determine which case applies to your server, refer to CTX124644 in the [Citrix Knowledge Center](#).

Other Known Issues for HDX User Experience Enhancements

- For instructions on creating server-side content fetching whitelists for HDX MediaStream for Flash, search Citrix eDocs (this Web site). Instructions found in the HDX administrative templates are outdated. [#229985]
- After performing a Repair on Citrix HDX MediaStream for Flash-Server, the HDX MediaStream for Flash service might fail to restart. To avoid this issue, uninstall Citrix HDX MediaStream for Flash - Server and reinstall it. [#228502]
- Internet Explorer 7 can become unresponsive within a XenApp or XenDesktop session. The issue occurs when no behavior for HDX Flash Acceleration is preselected, opening a site with a significant amount of Adobe Flash content, and clicking Disable HDX MediaStream for Flash when prompted [#227033]

Single-Sign On Issues

- If you use custom alerts in Citrix Service monitoring for XenApp (formerly Citrix EdgeSight for XenApp), or other event log rollup utilities, you must change the source name of Citrix Password Manager to Citrix Single Sign-On. [#222720]

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Install and Set Up XenApp 5 Feature Pack 3 for Windows Server 2008

To install XenApp 5 Feature Pack 3 for Windows Server 2008, download it from My Citrix and install the features and components you want.

To download XenApp 5 Feature Pack 3 for Windows Server 2008

1. Log on to My Citrix.
2. Select Downloads.
3. In the Search Downloads by Product box, select Citrix XenApp.
4. In the Select Product Version box, select XenApp 5.0 Feature Pack 3.
5. Select the link for your XenApp edition.
6. Using the links provided, download the file containing all features and components of XenApp 5 Feature Pack 3 for Windows Server 2008 or the file containing only the HDX user experience enhancements.

To install HDX user experience enhancements

Install the HDX user experience enhancements delivered by XenApp 5 Feature Pack 3 for Windows Server 2008 on servers running XenApp 5 for Windows Server 2008. Current Citrix Subscription Advantage membership is required to install these features.

Important: If Hotfix Rollup Pack 1 for Citrix XenApp 5.0 for Microsoft Windows Server 2008 is installed on the server, see Knowledge Center article [CTX127936](#) for instructions on installing HDX user experience enhancements delivered by XenApp 5 Feature Pack 3 for Windows Server 2008. Otherwise, follow the steps given here.

1. If you downloaded the file containing all features and components of XenApp 5 Feature Pack 3 for Windows Server 2008, unzip the downloaded file and locate XA50_FP3_HDX_WS08.exe in the HDX Components for Windows Server 2008 folder extracted.
2. Use XA50_FP3_HDX_WS08.exe to install the HDX user experience enhancements:
 - To install using a wizard, double-click XA50_FP3_HDX_WS08.exe and follow the wizard's instructions to complete the installation.
 - To install from the command line, extract XA50_FP3_HDX_WS08.exe and run XA_Setup.exe. You can use these command-line options:

- /silent – Performs the install without a user interface
- /silent /restart – Performs the install without a user interface and restarts the server when the installation is complete

When the installation is complete and the server has restarted, you can configure the installed features.

To install other components

To install other components available with XenApp 5 Feature Pack 3 for Windows Server 2008:

1. Locate the components you want to install within the folders extracted from the file containing all features and components.
2. Install them following the instructions in the documentation for those components.

System Requirements for HDX MediaStream for Flash

- User device is Windows-based
- Citrix online plug-in 12.0 is installed on the user device
- Low latency LAN-type network connection is in use.
- Adobe Flash Player 10 is installed on the user device and servers running XenApp and XenDesktop's Virtual Desktop Agents

Note: If an earlier version of the Flash Player is installed on the user device, or the Flash Player is not installed on the user device, Flash content is rendered on the server, if the Flash Player is available.

- Only Windows Internet Explorer browsers with ActiveX capabilities are supported (Windows Internet Explorer 7 and 8) and should be available to the user device from the server.

Note: Currently, there is no Flash Player for the 64-bit edition of Windows Internet Explorer. As a result, HDX MediaStream for Flash does not work with 64-bit editions of Windows Internet Explorer.

Configuring HDX MediaStream for Flash with Group Policy Objects

After installation on the server, HDX MediaStream for Flash is enabled for client-side acceleration by default. No further configuration is needed. You can use Active Directory Group Policy Objects on the server to:

- Enable and disable HDX MediaStream for Flash.
- Enable server-side event logging.
- Set the Flash latency threshold.
- Identify URLs to enable server-side content fetching .
- Block Web sites from using HDX MediaStream for Flash.

After installation on user devices and in the absence of any overriding Group Policy Object settings on the client:

- When connecting to XenDesktop with the Desktop Viewer: HDX MediaStream for Flash is disabled
- When connecting to XenDesktop with a Thin Client: HDX MediaStream for Flash is enabled
- When connecting to XenApp or XenDesktop without a Desktop Viewer: A dialog box appears advising them to enable HDX MediaStream for Flash only if they trust the program to which they are connecting. Your users can then enable or disable HDX MediaStream for Flash.

Note: It is possible to add and configure the Group Policy Objects prior to installation. If the Group Policy Objects are enabled prior to installation, HDX MediaStream for Flash will be enabled on the user device and the dialog box will not appear to the user.

Configure HDX MediaStream for Flash features from the server with Active Directory Group Policy Objects.

Caution:

HDX MediaStream for Flash requires significant interaction between the user device and server components. Therefore, this feature should only be used in environments where security separation between the user device and server is not needed. User devices should be configured to use the HDX MediaStream for Flash feature only with trusted servers. HDX MediaStream for Flash requires the Flash Player to be installed on the user device. Therefore, HDX MediaStream for Flash should only be enabled if the Flash Player itself is secured.

To configure HDX MediaStream for Flash with Group Policy Objects

1. Create or select an existing Group Policy Object.
2. For the server, import and add HdxFlash-Server.adm and for the user device, import and add HdxFlash-Client.adm, both available in:
 - **For 32-bit computers:** %Program Files%\Citrix\ICA Client\Configuration\language.
 - **For 64-bit computers:** %Program Files (x86)\Citrix\ICA Client\Configuration\language.

Note: For details on creating Group Policy Objects and importing and adding templates, see the Microsoft Active Directory documentation at <http://www.microsoft.com>.

Configuring HDX MediaStream for Flash on the Server

You can configure HDX MediaStream for Flash settings on the server through the Group Policies Object Editor. You control the settings for the HDX MediaStream for Flash features through the following settings:

- Enable HDX MediaStream for Flash connections to the server
- Enable server-side event logging
- Per-URL blacklist
- Set network latency threshold
- Server-side content fetching list

To enable HDX MediaStream for Flash from the server

HDX MediaStream for Flash is enabled on the server for client-side rendering by default. You can enable and disable HDX MediaStream for Flash from the server through the Group Policy Object Editor. HDX MediaStream for Flash is disabled when either the Computer Configuration or User Configuration settings are configured as disabled.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Server.
3. From the Setting list, select Enable HDX MediaStream for Flash for connections to the server and open the Properties dialog box.
4. Select Not Configured, Enabled, or Disabled.
5. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

To enable server-side event logging

HDX MediaStream for Flash uses Windows event logging on the server to log events. Most of the events logged are error, warning, or informational messages about using HDX MediaStream for Flash. You can review the event log to determine whether HDX MediaStream for Flash is being used and gather details about any issues. The following are common to all events logged by HDX MediaStream for Flash:

- HDX MediaStream for Flash reports events to the Application log
- The Source value is Flash
- The Category value is None

In addition to the Windows event log, on computers with Windows Server 2008 or Windows Server 2008 R2, an HDX MediaStream for Flash-specific log appears in the Applications and Services Logs node. If Windows Server 2003 is used, HDX MediaStream for Flash log information is only found in the Windows event log.

Event logging is enabled by default.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Template (ADM) nodes and select HDX MediaStream for Flash - Server.
3. From the Settings list, select Enable server-side event logging and open the Properties dialog box.
4. Select Enabled to enable event logging.
5. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network

To block Web sites from working with HDX MediaStream for Flash

Block specified Web sites from rendering on user devices with HDX MediaStream for Flash by adding the sites' URLs to a blacklist. Instead, the blocked Flash content plays on the server.

Consider the following when using the Group Policy Object Editor to configure the Per-URL blacklist setting of the HDX MediaStream for Flash - Server template:

- Add the top-level .html page that instantiates the Flash Player to the blacklist; not the URL of the Flash application

- Use an asterisk character at the beginning or end of the URL as a wildcard to expand your list
 - Use a trailing wildcard to block all child URLs, for example `http://www.sitetoblock.com/*`)
 - The prefixes `http://` or `https://` are treated equally, so `http://www.sitetoblock.com/` is treated the same as `https://www.sitetoblock.com/`
 - Add sites containing Flash content that does not render correctly on the user device to the blacklist.
1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
 2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Server.
 3. Select Per-URL blacklist and from the Action menu, click Edit.
 4. Select Enable, click Show and then Add.
 5. Type the URL of the Web site to be blocked from using HDX MediaStream for Flash.
 6. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

To change the network latency threshold

HDX MediaStream for Flash detects the level of network latency between the server and user device the first time an individual browser or browser tab accesses an embedded Flash Player. If latency is determined to be within an acceptable threshold, HDX MediaStream for Flash is used to render Flash content on the user device. If the latency is above this threshold, the network server renders the content if a Flash player is available there.

The default threshold setting is 30 milliseconds.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Server.
3. From the Settings list, select Set network latency threshold and open the Properties dialog box.
4. Select Enabled and accept the default of 30 milliseconds or type the new threshold value between 0 and 30.

5. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

To identify Web sites for server-side content fetching

HDX MediaStream for Flash downloads Flash content to the user device where it is played. The Server-side content fetching list setting allows you to specify Web sites whose Flash content can be downloaded to the server then sent to the user device. This setting works in conjunction with Enable server-side content fetching setting on the user device

This setting is frequently used when the user device does not have direct access to the Internet. The XenApp server provides that connection.

Consider the following when configuring the Server-side content fetching list setting:

- Add the top-level .html page that instantiates the Flash Player to the whitelist; not the URL of the Flash application.
- Use an asterisk character at the beginning or end of the URL as a wildcard to expand your list.
- Use a trailing wildcard to allow all child URLs, for example `http://www.sitetoallow.com/*`).
- The prefixes `http://` or `https://` are used when present, but they are not required.

Important: The Enable server-side content fetching setting on the user device must also be enabled for the Server-side content fetching list on the server to work.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Server.
3. Select Server-side content fetching list and from the Action menu, click Edit.
4. Select Enabled and click Show.
5. Type the URL of the Web sites to be allowed to play on the user device.
6. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

Configuring HDX MediaStream for Flash on the User Device

After installation on user devices and in the absence of any overriding policy settings on the client, HDX MediaStream for Flash is ready for use by your users. No further configuration is needed. If you want to change the default settings on the user device, you can do so with the Group Policy Object Editor:

- Enable HDX MediaStream for Flash on the user device
- Enable synchronization of the client-side HTTP cookies with the server-side
- Enable server-side content fetching

To enable HDX MediaStream for Flash on the user device

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Client.
3. From the Setting list, select Enable HDX MediaStream for Flash on the user device and open the Properties dialog box.
4. Select Not Configured, Enabled, or Disabled.
5. If you selected Enabled, from the Use HDX MediaStream for Flash list, select Always, Ask, or Never.

Note: Selecting Ask results in users receiving a dialog box the first time they access Flash content in each XenApp session in which the user can enable HDX MediaStream for Flash. If the user does not enable HDX MediaStream for Flash, the Flash content is played on the server. Selecting Always and Never do not result in this dialog box. Select Always to always use HDX MediaStream for Flash to play Flash content on the user device. Select Never to never use HDX MediaStream for Flash and have Flash content play on the server.

6. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

To enable synchronization of the client-side HTTP cookies with the server-side

Enable synchronization of the client-side HTTP cookies with the server-side in order to download HTTP cookies from the server. These HTTP cookies are then used for client-side content fetching and available to be read, as needed, by sites containing Flash content. Client-side cookies are not replaced during the synchronization; they remain available if the synchronization policy is later disabled.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Client.
3. From the Setting list, select Enable synchronization of the client-side HTTP cookies with the server-side and open the Properties dialog box.
4. Select Not Configured, Enabled, or Disabled.
5. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.
 - **User Configuration:** Users in the organizational unit must log off and then log on to the network.

To enable server-side content fetching

By default, HDX MediaStream for Flash downloads Adobe Flash content to and plays the content on the user device. Enabling server-side content fetching causes the Flash content to download to the server and then send it to the user device. Unless there is an overriding policy, such as a blacklist, the content will play on the user device.

Important: The Flash server-side content fetching whitelist setting on the server must be enabled and populated with target URLs for server-side content fetching to work.

1. In the Group Policy Object Editor, expand either the Computer Configuration or User Configuration node.
2. Expand the Administrative Templates and Classic Administrative Templates (ADM) nodes and select HDX MediaStream for Flash - Client.
3. From the Setting list, select Enable server-side content fetching and open the Properties dialog box.
4. Select Not Configured, Enabled, or Disabled.
5. For the policy to take effect:
 - **Computer Configuration:** Changes take effect as computers in the organizational unit restart.

- **User Configuration:** Users in the organizational unit must log off and then log on to the network.

USB Mass Storage Devices Supported With HDX Plug-n-Play

Mass storage devices, including USB thumbdrives, USB-attached hard drives, CD-DVD drives, and SD card readers are supported.

Not supported:

- U3 smart drives and devices with similar autorun behavior
- Explorer.exe published as a seamless application

Mass storage devices can often be accessed through client drive mapping, and so USB support is not required.

Important: Some viruses are known to propagate actively using all types of mass storage. Carefully consider whether or not there is a business need to permit the use of mass storage devices, either through client drive mapping or USB support.

To disable or enable HDX Plug-n-Play for USB storage devices

HDX Plug-n-Play for USB storage devices is enabled by default. To change the settings for HDX Plug-n-Play for USB storage devices, change the registry key specified below on the XenApp server. Changes apply to all users.

Caution: Editing the Registry incorrectly can cause serious problems that may require you to reinstall your operating system. Citrix cannot guarantee that problems resulting from the incorrect use of Registry Editor can be solved. Use Registry Editor at your own risk. Be sure to back up the registry before you edit it.

- On XenApp 32-bit edition:
HKEY_LOCAL_MACHINE\Software\Citrix\Policies\DisableUSBDriveRedirection
- On XenApp 64-bit edition: HKEY_LOCAL_MACHINE\Software\Wow6432Node\Citrix\Policies\DisableUSBDriveRedirection
- Type: DWORD
- Values:
 - 0 – HDX Plug-n-Play for USB storage devices enabled. This is the default value.
 - 1 – HDX Plug-n-Play for USB storage devices disabled.

HDX Plug-n-Play for USB storage devices is enabled when the registry key is not present.

To configure HDX IntelliCache for XenApp optimization over WAN

Caution: Editing the Registry incorrectly can cause serious problems that may require you to reinstall your operating system. Citrix cannot guarantee that problems resulting from the incorrect use of Registry Editor can be solved. Use Registry Editor at your own risk. Be sure to back up the registry before you edit it.

Adjust the listed registry settings on each XenApp server as needed:

- HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Citrix\WanScaler

Name: UchBehavior

Type: REG_DWORD

Data:

- 0 – The universal cache handling information is not reported by the server.
- 1 – The universal cache handling information is always reported by the server.
- 2 – The universal cache handling information is reported by the server if a Branch Repeater device is used to optimize the client connection between servers and clients. This is the default value.

- HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Citrix\WanScaler

Name: EnableWanScalerOptimization

Type: REG_DWORD

Data:

- 0 – Disable Branch Repeater optimization.
- 1 – Enable Branch Repeater optimization. This is the default value. If secure client traffic is blocked from optimization (EnableForSecureIca), the EnableWanScalerOptimization settings are ignored and no optimizations are utilized for secure sessions.

- HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Citrix\WanScaler

Name: EnableForSecureIca

Type: REG_DWORD

Data:

- 0 – Disable Branch Repeater optimization for secure connections. This is the default value.

- 1 – Enable Branch Repeater optimization for secure connections.

You must disconnect, then reconnect any session used for testing after a registry change is made to verify the effect of the registry change.