



Receiver for HTML5 1.1

2015-03-16 20:35:06 UTC

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Contents

Receiver for HTML5 1.1	3
About Receiver for HTML5 1.1	4
System requirements	5
Install and set up.....	7
User experience	9

Receiver for HTML5 1.1

Receiver for HTML5 integrates with Access Gateway and StoreFront to enable users to access desktops and applications directly through their web browsers. Resources provided by XenDesktop, AppController, and XenApp are aggregated in a StoreFront store and made available through a Receiver for Web site. Users without Citrix clients installed on their devices log on to the site using HTML5-compatible web browsers and access their desktops and applications directly in browser tabs.

In this section

About this release	Review the list of new features and known issues.
System requirements	Ensure your end users have the required hardware and software.
Configure Receiver for HTML5	Learn how to configure your deployment so your users can access their published applications.
User experience	Learn about enhancements to the user experience.

About Receiver for HTML5 1.1

Receiver for HTML5 integrates with Access Gateway and StoreFront to enable users to access desktops and applications directly through their web browsers. Resources provided by XenDesktop, AppController, and XenApp are aggregated in a StoreFront store and made available through a Receiver for Web site. Users without Citrix clients installed on their devices log on to the site using HTML5-compatible web browsers and access their desktops and applications directly in browser tabs.

What's new

Receiver for HTML5 supports a wider range of web browsers with the addition of support for Internet Explorer and Safari.

Known issues

The following is a list of known issues in this release. **Read it carefully before installing the product.**

SSL Relay support requires connections through Access Gateway

Users cannot connect to applications provided by XenApp deployments that include the SSL Relay without using Access Gateway. To work around this issue, ensure that all users, including users on the local network, connect to the Receiver for Web site through Access Gateway. [#289816]

Limitations

Receiver for HTML5 does not support client drive mapping. [#289827]

System requirements for Receiver for HTML5 1.1

This topic lists the supported Citrix product versions for Receiver for HTML5 and the requirements for users to access desktops and applications. It is assumed that all computers meet the minimum hardware requirements for the installed operating system.

User device requirements

To use Receiver for HTML5, users require devices running the following web browsers and operating systems. Users must not install Citrix Receiver or the Online Plug-in.

Browsers

- Internet Explorer 10
- Safari 6
- Google Chrome 23
- Mozilla Firefox 17

Operating systems

- Windows 7 Service Pack 1 (32-bit and 64-bit editions)
- Windows Vista Service Pack 2 (32-bit and 64-bit editions)
- Windows XP Professional x64 Edition Service Pack 2
- Windows XP Professional Service Pack 3
- Mac OS X 10.7 Lion
- Mac OS X 10.6 Snow Leopard
- Google Chrome OS 23

Citrix server requirements

Receiver for HTML5 supports access to desktops and applications provided by XenDesktop, AppController, and XenApp through StoreFront 1.2. Stores must be accessed through Receiver for Web sites. Receiver for HTML5 does not support direct access to StoreFront stores, either by connecting to the store or by using the XenApp Services URL.

Local network connections

For users on the local network, Receiver for HTML5 supports access to applications provided by XenApp 6.5 Feature Pack 1 for Windows Server 2008 R2.

Connections through Access Gateway

Access Gateway 10 Build 71.6014 is required to enable user access through Receiver for HTML5 to desktops and applications provided by the following product versions. The Access Gateway version number is displayed at the top of the Access Gateway configuration utility.

- XenDesktop
 - XenDesktop 5.6
 - XenDesktop 5.5
- AppController
 - AppController 2.0
 - AppController 1.1
 - AppController 1.0
- XenApp
 - XenApp 6.5 for Windows Server 2008 R2
 - XenApp 6.0 for Windows Server 2008 R2
 - XenApp 5.0 Feature Pack 3 for Windows Server 2008 x64 Edition
 - XenApp 5.0 Feature Pack 3 for Windows Server 2008
 - XenApp 5.0 Feature Pack 3 for Windows Server 2003 x64 Edition
 - XenApp 5.0 Feature Pack 3 for Windows Server 2003
 - XenApp 5.0 Feature Pack 2 for Windows Server 2008 x64 Edition
 - XenApp 5.0 Feature Pack 2 for Windows Server 2008
 - XenApp 5.0 Feature Pack 2 for Windows Server 2003 x64 Edition
 - XenApp 5.0 Feature Pack 2 for Windows Server 2003
 - XenApp 5.0 Feature Pack 1 for Windows Server 2003 x64 Edition
 - XenApp 5.0 Feature Pack 1 for Windows Server 2003
 - XenApp 5.0 for Windows Server 2008 x64 Edition
 - XenApp 5.0 for Windows Server 2008
 - XenApp 5.0 for Windows Server 2003 x64 Edition
 - XenApp 5.0 for Windows Server 2003

Install and configure Receiver for HTML5

A StoreFront store with a Receiver for Web site is required to make desktops and applications provided by XenDesktop, AppController, and XenApp available for Receiver for HTML5 users. If you have not already done so, deploy StoreFront and create a store aggregating the resources you want to make available to your users. A Receiver for Web site is created automatically for the new store. For more information about creating and configuring stores and Receiver for Web sites, see the [StoreFront](#) documentation.

Ensure that you configure remote access through Access Gateway when you [create the store](#). Users must connect to Receiver for Web sites through Access Gateway to access desktops provided by XenDesktop, web and SaaS applications provided by AppController, and applications provided by most supported versions of XenApp. For more information, see [System requirements for Receiver for HTML5 1.1](#).

Important: If you are using SecureICA to encrypt communications between users' devices and your XenDesktop or XenApp servers, note that Receiver for HTML5 supports Basic encryption only. For more information about configuring SecureICA for XenDesktop and XenApp, see [To secure desktop groups](#) and [To set a policy for ICA encryption](#), respectively.

To configure XenApp 6.5 Feature Pack 1 for local user access

If you plan to enable local access through Receiver for HTML5 to applications provided by XenApp 6.5 Feature Pack 1 without routing connections through Access Gateway, you must configure the ICA WebSockets Connections policy on the XenApp server. For more information about configuring XenApp policies, see [Working with Citrix Policies](#).

1. On your XenApp 6.5 server, install XenApp 6.5 Hotfix Rollup Pack 1 (included in the XenApp 6.5 Feature Pack 1 download package) and Hotfix XA650R01W2K8R2X64051 (available at <http://support.citrix.com/article/CTX135757>). Then, restart the server.
2. Install the Group Policy Updates included with XenApp 6.5 Feature Pack 1 and restart the server.
3. Using either the Citrix AppCenter or the Microsoft Group Policy Management Editor, set the ICA WebSockets Connections policy on the XenApp server to Allowed.

The Receiver for HTML5 port is set to 8008 by default. If you change the WebSockets port number setting in the XenApp policy, ensure that you make the corresponding change when configuring the StoreFront server.

4. To restrict access to the XenApp server, specify a comma-separated list of trusted Receiver for Web URLs for the WebSockets Trusted Origin Server List setting. By default, the policy is set to trust all Receiver for Web URLs.
5. From a command prompt, type the following command to apply the policy.

`gpupdate /force`

6. Restart the Citrix Independent Management Architecture (IMA) service, wait for ten seconds, and then restart the Citrix XTE Server service.

Upgrade Receiver for HTML5

Receiver for HTML5 does not currently support in-place upgrades. To upgrade from Citrix Receiver for HTML5 1.0, first make a note of any Receiver for Web URLs configured for Receiver for HTML5 that you want to retain. Then, uninstall Citrix Receiver for HTML5 1.0 and install Citrix Receiver for HTML5 1.1 as described above.

Receiver for HTML5 user experience

Receiver for HTML5 enables users who cannot install Citrix Receiver on their devices to access their desktops and applications through their web browsers. Users without Citrix clients installed on their devices log on to Receiver for Web sites using HTML5-compatible web browsers and access their resources directly in browser tabs.

Users must connect to Receiver for Web sites through Access Gateway to access desktops provided by XenDesktop, web and SaaS applications provided by AppController, and applications provided by most supported versions of XenApp. For more information, see [System requirements for Receiver for HTML5 1.1](#).

By setting a XenApp policy, you can enable local access through Receiver for HTML5 to applications provided by XenApp 6.5 Feature Pack 1 without routing connections through Access Gateway. For more information, see [Install and configure Receiver for HTML5](#).

To access their desktops and applications using Receiver for HTML5, users navigate to a Receiver for Web site using a HTML5-compatible browser running on a supported operating system. By default, when a user accesses a Receiver for Web site from a computer running Windows or Mac OS X, the site attempts to determine whether Citrix Receiver is installed on the user's device. If Citrix Receiver cannot be detected, the default configuration enables users logging on to the site with a supported browser to use Receiver for HTML5. When users running Chrome OS log on to a Receiver for Web site, Receiver for HTML5 is always used.

When a user accesses a desktop or application through Receiver for HTML5, the resource starts in a new browser tab or window, according to the user's browser settings. A floating toolbar containing controls for Receiver for HTML5 is displayed in the tab or window. The clipboard button enables users to copy and paste text between the local clipboard on the device and the resource running in the browser. Users can send the CTRL+ALT+DELETE key combination to their desktops and applications using the lock button.