

Release Notes for Websense IQ-Series Appliances

Topic 70161 | Release Notes | IQ-Series Appliance | Updated: 01-Oct-2015

Applies to:	Websense IQ-Series appliance v1.5, 1.5.1
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The Websense IQ-Series appliance is a component of Websense blueSKY Security Gateway. This web protection solution provides on-premises URL analysis and application/protocol detection for web traffic, along with centralized policy management and reporting capabilities in the cloud. The appliance [Quick Start Guide](#) illustrates the ease with which this web security solution can be implemented.

The IQ-Series appliance hosts the Websense URL category master database, allowing the efficient analysis of web site request URLs. The appliance also provides protocol detection capabilities and policy enforcement.

When analysis indicates that a web request requires further examination, the appliance transparently routes that traffic to the cloud, where blueSKY Security Gateway analytics are applied and policy is enforced. Management of on-premises appliances is also performed in the cloud.

View detailed product user information in the following Help systems:

- ◆ [Websense IQ-Series Appliance Help](#)
- ◆ [Websense blueSKY Security Gateway Help](#)

Use these Release Notes to learn about important version 1.5.1 release updates, as well as version 1.5.0 product features, installation and upgrade tips, and resolved and known issues.



Important

Beginning with version 1.5, appliance management access to the appliance bridge interfaces (B1 and B2) is always allowed. The option to block management access has been removed from the **Configuration > Networking** page. The functionality may be restored in a future version.

Version 1.5.1 release update

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This release of the Websense IQ-Series appliance addresses the following issues:

- ◆ **OpenSSL vulnerabilities**

OpenSSL libraries were updated to resolve the following vulnerabilities:

[CVE-2014-8176](#)

[CVE-2015-1789](#)

[CVE-2015-1790](#)

[CVE-2015-1791](#)

[CVE-2015-1792](#)

- ◆ **Certificate store updates**

The certificate bundles available in the Trusted Root Certification Authorities store and the Intermediate Certification Authorities store have been upgraded to enhance security.

Version 1.5 product features

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This section of the Release Notes describes the new features that are included in version 1.5 of the Websense IQ-Series appliance:

- ◆ *Use of Active Directory for authentication*
- ◆ *Improved system infrastructure*

Use of Active Directory for authentication

You can connect an appliance to a local Active Directory server to enable transparent NTLM password authentication. This function offers enhanced authentication over the simple identification method available in previous versions.

Establish an Active Directory connection on the appliance **Configuration > System** page. The server hostname must adhere to Active Directory naming guidelines. See [System information](#) in the IQ-Series Appliance Help for details about connecting to Active Directory and creating an appropriate hostname.

A set of diagnostics for Active Directory operations is available on the appliance **Status > Alerts and Diagnostics** page when you are connected to an Active Directory server. Tests include authentication service and Active Directory connection status checks, authentication request simulation, time synchronization between the appliance and Active Directory, and several domain controller checks.

Improved system infrastructure

The following IQ-Series appliance infrastructure enhancements have been made:

- ◆ Appliance alert system implementation is improved for stability and consistency.
- ◆ Inter-process communication (IPC) functions are enhanced for deployment flexibility and easier maintenance.
- ◆ Operating system and utility package upgrades, including OpenSSL, contribute to improved security.
- ◆ Apache Traffic Server (ATS) is upgraded for improved network efficiency and performance, and a more reliable appliance upgrade process.
- ◆ An enhanced cloud proxy service provides greater stability and efficiency, along with more comprehensive SSL support.
- ◆ Enhancements to the communication mechanism between the cloud and the appliance improve the reliability of cloud service policy and configuration updates to the appliance.

Installation and upgrade

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Installation

Installation and set up for the Websense IQ-Series appliance are summarized on the Quick Start poster that was shipped with your appliance. [Click here](#) to view a copy of the quick start guide.

See the [Getting Started Guide](#) for information about system configuration.



Important

Use of Microsoft Internet Explorer 8 (or below) on a Windows XP machine is not supported.

If your network includes a firewall, you need to ensure that destination TCP ports are open for connection to the cloud service. By default, the appliance is configured to use standard destination ports 80 and 443 for these connections.



Note

Upgrade from a previous appliance version does not change port configuration settings. If you want to use destination ports 80 and 443, you should modify appliance settings manually after the upgrade process.

Alternatively, and depending on your corporate firewall policy, you can configure your appliance to use the following ports, which are used for non-appliance connections to the cloud service:

Port	Purpose
8002	Configuration and policy update information retrieval from Websense blueSKY. This port must be open for an IQ-Series appliance to retrieve periodic configuration setting and policy updates from the cloud service.
8081	Proxy service. This is where Websense cloud-based content analysis is provided.
80	Notification page components. The default notification pages refer to style sheets and images served from the Websense blueSKY platform. For these pages to appear correctly, this web site is accessed directly (i.e., not through Websense blueSKY).
443	Service administration. The Websense administration portal is similarly unproxied. Otherwise, it would be possible for you to accidentally block access and then be unable to rectify the situation.

You can switch between the standard and alternative ports at any time using the appliance command-line interface (CLI). See the [Getting Started Guide](#) for detailed instructions about switching port settings.

You should also open the outbound Network Time Protocol (NTP) port (UDP 123) to allow time/clock synchronization in the system.



Note

The transfer of new password and appliance registration information between the cloud portal and the appliance takes several minutes. You may experience a delay when logging in after a change is made to these settings.

Upgrade

Use the following steps to upgrade from a previous version of the Websense IQ-Series appliance:

1. Click **Network Devices** in the cloud portal.
2. Select the appropriate appliance for the upgrade and click **Properties & Statistics**.
3. Click **Version History**.
4. Find the desired upgrade and click the **Download** icon in the Action column. This operation downloads the upgrade to the selected appliance.
Clicking the **View** icon in the Description column opens the Release Notes for that upgrade.
5. In the IQ-Series appliance **Configuration > Upgrade Management** page, find the upgrade in the table at the top of the screen. The upgrade status should be **Downloaded** (you may need to refresh the screen to see the change). Click the **Install** icon to install the upgrade.



Important

Upgrade status may display as “Failed” after a successful upgrade. This incorrect error message may appear if you refresh the appliance user interface immediately after the upgrade operation.

Please wait approximately 5 minutes to refresh the user interface after the upgrade.

If the problem persists after this time period, please contact Websense Technical Support.

Resolved and known issues

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Please contact Websense Technical Support for a list of known issues for this version of Websense blueSKY Security Gateway.