Release Notes for Websense IQ-Series Appliances

Applies to:	Websense IQ-Series appliance v1.7

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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 protection 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 1.7 updates, as well as new 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.

● NTLM2 Session authentication is not supported for Microsoft Active Directory. You should use either NTLMv1 or NTLMv2 authentication. See *Resolved and known issues* for workaround instructions.

Version 1.7 important updates

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This release of the Websense appliance addresses the following issues:

● **Network Time Protocol (NTP) vulnerabilities**

The NTP service was updated to resolve the following issues:

CVE-2016-1547

CVE-2016-1548

CVE-2016-1549

CVE-2016-1550

CVE-2016-2516

CVE-2016-2517

CVE-2016-2518

● **OpenSSL vulnerabilities**

OpenSSL libraries were updated to resolve the following issues:

CVE-2016-2105

CVE-2016-2106

CVE-2016-2107

CVE-2016-2108

CVE-2016-2109

CVE-2016-2176

● **Samba service vulnerability**

Samba was updated to resolve the issue described in CVE-2016-2118.

- **Network Security Services (NSS) utilities vulnerability**

  NSS utilities were updated to resolve the issue described in [CVE-2016-1950](#).

Version 1.7 product features

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This section of the Release Notes describes the new features that are included in version 1.7 of the Websense IQ-Series appliance:

- *Improved upgrade stability*
- *Improved system infrastructure*

Improved upgrade stability

The IQ-Series appliance is enhanced in this release to introduce greater stability for the upgrade process. Upgrade to version 1.7 includes an initial step to back up the appliance system by taking a "snapshot" of the current system and saving it for recovery purposes, if needed.

The version 1.7 snapshot will provide a rollback option for future upgrades, to ensure continuous appliance operations in the event that an upgrade is unsuccessful for some reason. Alerts provide the status of the backup operation.

New upgrade logs (for the last failed upgrade) can be uploaded by using the appliance command-line interface (CLI) **--upgrade-logs-only** directive of the **diags_upload** command. Example command syntax is:

```
diags_upload --upload-url http://www.upload_destination.com/
[--upload-username <username> --upgrade-logs-only]
```

> **❗ Important**
>
> The infrastructure for the rollback feature is introduced in version 1.7.0, however, an unsuccessful upgrade to version 1.7.0 does not include the rollback function. The rollback function will be available if an upgrade to a future version of the appliance is unsuccessful.

Improved system infrastructure

This version of the appliance includes several enhancements and fixes for system infrastructure that result in improved stability and security.

- Network monitoring tools upgrades provide enhanced stability.
- Operating system upgrade contributes to improved security.
- Enhancements and fixes to the cloud proxy service provide greater stability and efficiency.
- Policy engine upgrade results in enhanced enforcement and security.
- Traffic analysis mechanism upgrade improves overall appliance stability and reliability.

Installation and upgrade

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Installation

Installation and set up for the Forcepoint 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 that uses different default port settings does not automatically 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 Forcepoint Technical Support.

Resolved and known issues

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