



Installing Bit9 Connector for Network Security Devices

*For Parity 7.0.0 Patch 11 and later
and Parity 7.0.1 Patch 7 and later*

**Document Version: 1.0.e
29-Sep-2014**

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Installation Overview

This document provides instructions for installing the Bit9 Connector for Network Security Devices. The *Using Parity* guide and console online help describe how to enable, configure, and use this option.

You must complete the following tasks to install and enable the Bit9 Connector:

1. **Obtain a compatible version of Parity Server and the Bit9 Connector Installer** – The Bit9 Connector for Network Security Devices is supported in Parity Server 7.0.0 beginning with Patch 10 and 7.0.1 beginning with Patch 7. Previous builds of these versions are not supported.
2. **Obtain a Special License** – Bit9 Connector for Network Security Devices is an optional, licensed feature of Parity Server. You must obtain a special license key from Bit9, and you must use this key when installing Parity Server or apply it later in the Parity Console, on the System Configuration/Licensing page.
3. **Install Parity Server or Apply the Patch** – See the separate *Installing Parity Server* guide for instructions on installing a new server. For patch releases to existing servers, follow any instructions received with the patch.
4. **Run the Bit9 Connector Installer** – The separate installation program, *Bit9NetSecurityConnector.msi*, enables the Connector features in Parity. See additional details below.
5. **Configure Parity and Network Security Devices** – After the Connector is installed, you must enable it through the Parity Console and configure Parity Server and the network security devices you have so that they are able to communicate with each other. There are configuration steps on both Parity Server and on the connected devices, including special console user permission settings for File Upload and Connector feature access. See the online Help in Parity Console or “Appendix B. Bit9 Connector for Network Security Devices” in the *Using Parity* guide for configuration instructions.

Important: Upgrades from pre-release versions of Bit9 Connector are not supported.

Running the Connector Installer

The connector installation program is an MSI that, for a new installation, requires no interaction. Simply copy *Bit9NetSecurityConnector.msi* to your Parity Server system and run it. The installer makes the following modifications:

- It adds an *Integrations* folder below the *Bit9* folder on the server, with a subfolder for each security device provider.
- It deploys a listener for FireEye messages and configures IIS for access to folders where FireEye notifications are stored.
- It modifies the Parity database to accommodate data from the connected devices.

Upgrades and Patches to Parity

After Connector is installed, if you upgrade the Parity Server to a new release (e.g., from 7.0.0 to 7.0.1), you will be prompted to uninstall the current version of the Connector. During the Connector uninstall process, you will be prompted to save your existing XML data from the FireEye and/or Palo Alto Networks notifications. This choice determines whether the data in the *Bit9\Integrations* directory is saved – it has no effect on storage on the appliances themselves or on the processed notifications

stored in the Parity database, which are always preserved on upgrade. After the server upgrade, you must run the Connector installer again.

If you perform a Reconnect to the Parity Server, you must run the Connector installer again.

You do not have to reinstall the Connector if you install a patch on a Parity Server version that is already running the Connector.

Uninstalling the Connector

You should only uninstall the connector if you want to remove it permanently or have been instructed to do so as a troubleshooting method. Running *Bit9NetSecurityConnector.msi* when the Connector is already installed runs the uninstaller. If you run the uninstaller, you cannot re-enable the Connector from the Parity Console without running the MSI again to restore the connector extensions.

Processed data from Palo Alto Networks or FireEye notifications is preserved in the Parity database when you uninstall the connector, even if not visible because the Connector is disabled. However, the raw XML data from Palo Alto Networks or FireEye notifications is not automatically saved. You will be prompted during the Connector uninstall or upgrade process to save your XML data or allow it to be deleted. If you want the raw XML data from past notifications to be accessible through the Parity console, be sure to save this data.

Uninstalling the Connector does not undo Connector configuration in Parity, such as addresses, user credentials, and keys for connected appliances. These settings are restored when the Connector MSI is run again.

Note: If your initial installation (i.e., when you ran the full Parity installer) of your current Parity Server was 7.0.0 Patch 10 or later, uninstalling Parity also prompts for uninstalling the Connector. For Parity 7.0.1, this is true for Patch 7 or later. If your initial installation of the server was a version prior to these, the Parity uninstall program *does not* prompt for uninstalling the Connector, and so you must manually run the Connector uninstaller.

Performance and Bandwidth Considerations

Incoming FireEye Notifications are handled by IIS and range from 2Kb to more than 20Mb of data. A high frequency of large notifications might impact console performance. Also, a high load from FireEye notifications can affect the Parity database. Notification volume from Palo Alto Networks is less likely to impact the database.

Supported Network Security Devices

The Bit9 Connector for Network Security Devices supports the following:

- FireEye NX, EX, AX All Series 6.0-7.2, 7.4
- Palo Alto Networks Firewall 5.0.5, 6.0
- Palo Alto Networks Wildfire Cloud Service

You may connect to one or more appliances and services, which should be installed according to their manufacturer's instructions. Configuration instructions for enabling communication with Parity Server are included in the online Help in Parity Console and "Appendix B. Bit9 Connector for Network Security Devices" in the *Using Parity* guide.