



Hewlett Packard
Enterprise

HPE Security ArcSight SmartConnector Load Balancer

Release Notes

Version 1.2.0.1054.0

October 14, 2016

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HPE Security ArcSight SmartConnector Load Balancer Release 1.2

These notes describe how to apply this release of the SmartConnector Load Balancer, as well as providing other information about supported versions and platforms.

To Apply This Release

Download the appropriate executable for your platform from the Support website (<https://softwaresupport.hpe.com/>), as well as the PDF file for the *HPE Security ArcSight SmartConnector Load Balancer Configuration Guide*. When downloading the documentation zip file, create a folder for the documentation (such as C:\ArcSight\Docs) and unzip the file there.

For a successful Load Balancer installation, follow the installation procedures documented in the *HPE Security ArcSight SmartConnector Load Balancer Configuration Guide*.

Verifying Your Upgrade Files

HPE provides a digital public key for you to verify that the signed software you received is indeed from HPE and has not been manipulated in any way by a third party.

Visit the following site for information and instructions:

<https://h20392.www2.hpe.com/portal/swdepot/displayProductInfo.do?productNumber=HPLinuxCodeSigning>

About SmartConnector Load Balancer

SmartConnector Load Balancer provides a “connector-smart” load balancing mechanism by monitoring the status and load of SmartConnectors. Currently it supports two types of event sources and SmartConnectors. One distributes the syslog input stream to syslog connectors using TCP or UDP protocol and the other downloads files from a remote server and distributes them to the file-based connectors.

General Requirements

Hardware Requirements

- CPU: 2 CPU X 4 Cores each (2 x Intel E5620, quad core, 2.4 Ghz or better)
- RAM: 16 GB
- Disk: 60 GB
- Number of network interfaces—1 Dedicated Gig Ethernet interface

NOTE: To achieve better performance, use a server with higher system specifications.

Software or Platform Requirements

- RedHat Enterprise Linux (RHEL) 6.8 and 7.2 (64-bit only)
- CentOS 6.8 and 7.2 (64-bit only)

SmartConnector Requirements

- HPE ArcSight SmartConnector release 7.1.4.7475 or later
- Syslog daemon and/or file-based SmartConnectors

Load Balancer Features

Load Balancer supports the following:

- Standalone mode using a single application server
- High availability (HA) mode, which can be configured with two hosts
- Syslog type of input stream or batch files on FTP server
- Syslog-based and file-based SmartConnectors as destinations
- TCP and UDP protocol for syslog-type input or connectors
- Three routing policies — round robin, weighted round robin, and aggregation preferred
- Event batching (TCP only) for better aggregation at the destination connector and better network throughput
- Email notification for up/down status on member hosts and destination connectors
- Load and health monitoring of connector destinations
- Load Balancer running as a service
- File-based destinations

Fixed Issues

CONLB-58, CONLB-270	Incoming syslog messages can now be modified to include prepended remote IP address.
CONLB-272	Port numbers above 32767 are now supported.

Enhancements

CONLB-273	Added the new <code>load.expression</code> and <code>load.expression.default</code> expressions to determine how loaded a SmartConnector is. Parameters can be configured globally or per-SmartConnector destination. See the <i>Load Balancer Configuration Guide</i> for more details
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Upgrading to Version 1.2

Use the following steps to move from version 1.0 or 1.1 of Load Balancer to version 1.2. You will need to stop Load Balancer, move the existing install directory, install 1.2, and then manually copy over the configuration directory using the command provided below.

NOTE: When upgrading from v1.0, be aware that the `lb.defaults.properties` file is no longer used.

To upgrade:

1. Download version 1.2 of Load Balancer from <https://softwaresupport.hpe.com/>.

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2. Stop Load Balancer. Stop on both hosts if running in HA mode.

Note: HPE does not support running mismatched versions of Load Balancer during the upgrade.

3. Move the existing `current` directory to `1.0` or `1.1`.
4. Install version 1.2 of Load Balancer in the same directory where you had the previous version installed. It will create a new `current` directory.
5. Run the following command in the installation directory to move configuration and batch files to 1.2:
For 1.0 users: `cp -a 1.0/user current`
For 1.1 users: `cp -a 1.1/user current`
6. If running HA mode, repeat the installation steps on the other host.
7. Start the new Load Balancer. If running in HA mode, start the primary instance first.