
Micro Focus Security ArcSight LoadBalancer

Software Version: 1.4.0.1067.0

Release Notes

Document Release Date: July 31, 2019

Software Release Date: July 31, 2019



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|---------------------------------------|---|
| Phone | A list of phone numbers is available on the Technical Support Page: https://softwaresupport.softwaregrp.com/support-contact-information |
| Support Web Site | https://softwaresupport.softwaregrp.com/ |
| ArcSight Product Documentation | https://communitysoftwaregrp.com/t5/ArcSight-Product-Documentation/ct-p/productdocs |

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SmartConnector Load Balancer Release 1.4

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.softwaregrp.com/>, as well as the Micro Focus SmartConnector Load Balancer Configuration Guide. When downloading the documentation zip file, create a folder for documentation (such as C:\ArcSight\Docs) and unzip the file in that folder.

For a successful Load Balancer installation, follow the installation procedures documented in the Micro Focus SmartConnector Load Balancer Configuration Guide.

Verify Your Upgrade Files

A digital public key is provided for you to use to verify that the signed software you received is indeed from a safe source, and has not been manipulated in any way by a third party.

Visit the following site for information and instructions:

<https://entitlement.mfgr.microfocus.com/ecommerce/efulfillment/digitalSignIn.do>

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 TLS, TCP, or UDP protocol and the other downloads files from a remote server and distributes them to the file-based connectors.

What's New in Load Balancer Version 1.4

Load Balancer 1.4 replaces Oracle JDK with Zulu JRE 8u212, which resolves several security vulnerabilities.

Fixed Issues

| | |
|-----------|--|
| CONLB-358 | <p>When you force shut down the primary node, there is a delay when the secondary node switches to the primary node.</p> <p>Fix: The secondary node seamlessly switches to active node when the primary node goes down.</p> |
| CONLB-350 | <p>Load Balancer logs indicate VIP related errors when the primary node fails and the secondary node takes control.</p> <p>Fix: VIP related errors do not occur when the secondary node takes control.</p> |
| CONLB-337 | <p>Load Balancer does not allow a combination of duplicate hostname and port number, even when the transfer protocol is different.</p> <p>Fix: You can now enter a combination of duplicate hostname and port number when the transfer protocol is different.</p> |
| CONLB-310 | <p>In HA mode, when you modify the configuration of the primary node, the secondary node still uses the old configuration of the primary node.</p> <p>Fix: Secondary node now uses the updated configuration without downtime.</p> |
| CONLB-303 | <p>When Load Balancer goes down, the events coming in at that time are lost and not sent to the destination after Load Balancer becomes functional again.</p> <p>Fix: Load Balancer now processes events that come in when Load Balancer is down.</p> |
| CONLB-300 | <p>Load Balancer is unable to receive the events due to memory issues.</p> <p>Fix: The memory management parameters have been modified to fix the memory issues. When you install Load Balancer as a service, it uses the old parameters. Therefore, to get the updated the parameters, uninstall and then reinstall Load Balancer as a service.</p> |
| CONLB-287 | <p>When you force shut down the primary node, the secondary node does not automatically raise the network interface with the VIP address and the events cannot pass through the secondary node.</p> <p>Fix: The VIP address gets released automatically and the secondary node seamlessly switches to the active node.</p> |
| CONLB-221 | <p>Load Balancer fails to recover events when all the destination SmartConnectors go down at the same time. Also, Load Balancer fails to process new events even after one or both of the destinations are restored. Load Balancer resumes the event flow only after it restarts.</p> <p>Tip: Use TCP over UDP for reliable delivery of data to the destination.</p> <p>Fix: Load Balancer processes new events when connection to destination SmartConnectors is established again.</p> |
| CONLB-86 | <p>E-mail notification is not sent when member host goes up or down.</p> <p>Fix: Load Balancer now sends e-mail notification when member host goes up or down.</p> |

Upgrading to Version 1.4

Use the following steps to upgrade to version 1.4 of Load Balancer.

Note: When upgrading from version 1.0, be aware that the `lb.defaults.properties` file is no longer used.

To upgrade:

1. Download version 1.4 of Load Balancer from <https://softwaresupport.softwaregrp.com/>.
2. Stop Load Balancer. Stop Load Balancer on both hosts if running in HA mode.

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

3. Move the existing current directory to 1.0, 1.1, 1.2, 1.2.1, 1.2.2, or 1.3.
4. Install version 1.4 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 1.4:
For 1.0 users: `cp -a 1.0/user current`
For 1.1 users: `cp -a 1.1/user current`
For 1.2 users: `cp -a 1.2/user current`
For 1.2.1 users: `cp -a 1.2.1/user current`
For 1.2.2 users: `cp -a 1.2.2/user current`
For 1.3 users: `cp -a 1.3/user current`
6. If Load Balancer is running in 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.

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Feedback on Release Notes (LoadBalancer 1.4.0.1067.0)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to arcsight_doc@microfocus.com.

We appreciate your feedback!