



Juniper: Mist PowerPack Release Notes

Version 102

Overview

Version 102 of the "Juniper: Mist" PowerPack adds multiple new Dynamic Applications and device classes, deprecates the "Mist: Alarms and Events" Dynamic Application, and allows for the discovery of devices that do not have a name.

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Before You Install or Upgrade

Ensure that you are running version 12.2.0 or later of SL1 before installing the "Juniper: Mist" PowerPack.

NOTE: For details on upgrading SL1, see the relevant [SL1 Platform Release Notes](#).

Installation and Upgrade Process

NOTE: If you are currently using the Dynamic Applications in this PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

To install this PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page (Product Downloads > PowerPacks & SyncPacks) at the [ScienceLogic Support Site](#).
2. In SL1, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **Actions** menu and choose *Import PowerPack*. The **Import PowerPack** modal appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.
5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPack Manager** page.

Features

This release includes the following features:

- Dynamic Applications that discover and collect data from Juniper: Mist
- Device Classes for each type of Juniper: Mist component device SL1 monitors
- Event Policies and corresponding alerts that are triggered when Juniper: Mist devices meet certain status criteria
- A sample SOAP/XML Credential ("Juniper Mist Example") that you can use to create your own Juniper: Mist Credential

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in this release:

- Added two new collection objects for "Chassis Serial" and "Chassis MAC Address" to the "Mist: Switch Discovery" and "Mist: Switch Asset Configuration" Dynamic Applications.
- Added the "Mist | Site Edge" device class to support the discovery of MXEdge devices.
- Added the new "Mist: Site Edge Statistics" Dynamic Application to collect performance statistics for Mist Site Edge devices.
- Added the new "Mist: Site Edge Asset Configuration" Dynamic Application to collect configuration data for Mist Site Edge devices.
- Added the new "Mist: Site Edge Discovery" Dynamic Application to allow for the discovery of Mist Edge devices.
- Deprecated the "Mist: Alarms and Events" Dynamic Application and added the new "Mist: Organization Alarms and Events" Dynamic Application, which reproduces the functionality of the "Mist: Alarms and Events" Dynamic Application and is aligned to the root device.
- The Juniper Mist PowerPack will now discover devices that do not have a name. The MAC address of a device will be used if no name is found.
- Added the new "silo_mist" ScienceLogic library to house common snippet code for paging and authentication.

Known Issues

The following known issues affect version 102 of the "Juniper: Mist" PowerPack:

- Sometimes, Juniper Mist can return the serial value for a device as the MAC Address. The "Juniper Mist" PowerPack reports what the API responds with, and this is not a bug with the PowerPack.

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