



HPE: Edge Connect (Silver Peak) PowerPack Release Notes

Version 200

Overview

Version 200 of the "HPE: Edge Connect (Silver Peak)" PowerPack updates the PowerPack to Python 3, adds multiple Dynamic Applications, and adds a new example credential.

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Before You Install or Upgrade

Ensure that you are running version 11.3.0 or later of SL1 before installing "HPE: Edge Connect (Silver Peak)" PowerPack version 200.

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

IMPORTANT: Before upgrading to version 200 of the PowerPack, ScienceLogic recommends unaligning the "REST: Performance Monitor" Dynamic Application from existing root virtual devices. This Dynamic Application will no longer function after upgrading.

NOTE: Version 200 of this PowerPack no longer supports cookie-based authentication. Before upgrading to version 200 of the PowerPack, modify existing credentials to use API key authentication.

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.

NOTE: The "HPE: Edge Connect Appliance Memory Performance" and "HPE: Edge Connect Appliance CPU Performance" Dynamic Applications are disabled by default and will be disabled on upgrading to version 200 of the PowerPack.

NOTE: Upon upgrading to version 200, the PowerPack may miss clearing some events due to changes in the cache from Python 2 to Python 3.

Features

This release includes the following features:

- Discovers all HPE: Edge Connect SD WAN orchestrators, appliances, and groups
- Collects and stores key metrics such as alarms and performance data in the SL1 data lake
- Monitors alarms, availability, performance, bandwidth, and utilization of HPE: Edge Connect devices and tunnels
- Models relationships between all HPE: Edge Connect SD WAN devices

The PowerPack also includes the following features:

- The following Dynamic Applications that discover and collect data from HPE Edge Connect Orchestrator, along with its groups and appliances:

- HPE: Edge Connect Appliance Discovery
- HPE: Edge Connect Group Discovery
- HPE: Edge Connect Root Group Discovery
- HPE: Edge Connect Appliance Configuration
- HPE: Edge Connect Appliance Tunnel Configuration
- HPE: Edge Connect Appliance Alarms
- HPE: Edge Connect Appliance Alarm Summary Stats
- HPE: Edge Connect Interface Performance
- HPE: Edge Connect Orchestrator Configuration
- HPE: Edge Connect Orchestrator Alarms
- HPE: Edge Connect Orchestrator Alarm Summary Stats
- HPE: Edge Connect Orchestrator Performance
- Device Classes for each type of monitored HPE: Edge Connect device:
 - Unity Orchestrator
 - Group
 - EC-V
 - EC-XS
 - EC-US
 - EC-S-SR
 - EC-S-LR
 - EC-S
 - EC-M-B
 - EC-M-P
 - EC-SFP-SR
 - EC-SFP-LR
 - EC-L-B
 - EC-L-P
 - EC-L-B-NM
 - EC-L-P-NM
 - EC-CL-B

- EC-XL-P
- EC-XL-B-NM
- EC-XL-P-NM
- Event Policies and corresponding alerts that are triggered when HPE: Edge Connect devices meet certain status criteria
- A sample Credential for discovering HPE: Edge Connect devices
- A Device Template for Silver Peak Unity Orchestrator
- Dashboards that display key metrics for the Orchestrator and for each appliance

Enhancements and Issues Addressed

- Updated the PowerPack to be compatible with Python 3
- Converted all Dynamic Applications to Python 3.
- Converted all Dynamic Applications to the Snippet Framework for improved supportability, scale, and extensibility.
- Added two new Dynamic Applications to the PowerPack:
 - HPE: Edge Connect Appliance Memory Performance
 - HPE: Edge Connect Appliance CPU Performance

NOTE: Both of the "HPE: Edge Connect Appliance Memory Performance" and "HPE: Edge Connect Appliance CPU Performance" Dynamic Applications are disabled by default. Enabling the "HPE: Edge Connect Appliance CPU Performance" Dynamic Application may cause performance issues on the orchestrator due to the Dynamic Application calling the API for each appliance device.

- Removed the "REST: Performance Monitor" Dynamic Application from the PowerPack, as it is not compatible with the Snippet Framework.

IMPORTANT: Before upgrading to version 200 of the PowerPack, ScienceLogic recommends unaligning the "REST: Performance Monitor" Dynamic Application from existing root virtual devices.

- Added the new "HPE: Edge Connect v200 API Key" UCF subtype to the PowerPack.
- Added the new "HPE: Edge Connect API Key Example (UCF)" example credential to the PowerPack.
- Added a function to the snippet of each Dynamic Application in the PowerPack that checks for an API token in the headers. If one is found, you will receive a warning that instructs you to move the token to the "Embedded Password [%P]" field.

NOTE: ScienceLogic does not recommend storing tokens in plain text fields, as this goes against security best practices.

Known Issues

The following known issues affect version 200 of the *HPE: Edge Connect (Silver Peak) PowerPack*:

- Currently, using an HTTPS proxy will not function with this PowerPack, however using an HTTP proxy will.
- The following Device Dashboards of the *HPE: Edge Connect (Silver Peak) PowerPack* are not linked to any device class of this PowerPack:
 - HPE: Edge Connect Appliance
 - HPE: Edge Connect Group
 - HPE: Edge Connect Orchestrator

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