Silver Peak PowerPack Release Notes

Version 100

Overview

Version 100 of the *Silver Peak* PowerPack is the initial version of the Silver Peak PowerPack. With this PowerPack, you can monitor your Silver Peak SD-WAN systems in real time.

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Before You Install or Upgrade

Ensure that you are running version 8.10.0 or later of SL1 before installing *Silver Peak* version 100.

NOTE: For details on upgrading SL1, see the appropriate Release Notes.

Installation and Upgrade Process

To install this PowerPack:

1. Familiarize yourself with the ***Known Issues*** for this release.
2. See the ***Before You Install or Upgrade*** section. If you have not done so already, upgrade your system to the 8.10.0 or later release.
3. Download the "Silver Peak" version 100 PowerPack from the Support Site to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import "Silver Peak" version 100.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

Features

Version 100 of the *Silver Peak* PowerPack includes the following features:

- Discovers all Silver Peak 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 Silver Peak devices and tunnels
- Models relationships between all Silver Peak SD WAN devices

The initial release of the PowerPack also includes the following features:

- The following Dynamic Applications that discover and collect data from Silver Peak Orchestrator, along with its groups and appliances:
    - Silver Peak: Appliance Discovery
    - Silver Peak: Group Discovery
    - Silver Peak: Root Group Discovery
    - Silver Peak: Appliance Configuration
    - Silver Peak: Appliance Tunnel Configuration
    - Silver Peak: Appliance Alarms
    - Silver Peak: Appliance Alarm Summary Stats
    - Silver Peak: Interface Performance
    - Silver Peak: Orchestrator Configuration
    - Silver Peak: Orchestrator Alarms
    - Silver Peak: Orchestrator Alarm Summary Stats
    - Silver Peak: Orchestrator Performance
- Device Classes for each type of monitored Silver Peak 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 Silver Peak devices meet certain status criteria
- A sample Credential for discovering Silver Peak devices
- A Device Template for Silver Peak Unity Orchestrator
- Dashboards that display key metrics for the Orchestrator and for each appliance

Known Issues

The following known issues affect version 100 of the *Silver Peak* PowerPack:

- The error message "[REST-PACK]: Critical - AID 2224: Unable to communicate with API: 401 Client Error: Unauthorized. App Name: Silver Peak: Root Group Discovery" occurs when executing the "Silver Peak: Root Group Discovery" Dynamic Application. Silver Peak has a default setting enabled called "Enforce CSRF Token Check" that requires a token in the headers of the API request that SL1 makes to the orchestrator, but version 100 of the Silver Peak PowerPack does not support this. For information on troubleshooting this issue, see the ***SilverPeak*** manual.

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