Cisco: Viptela PowerPack Release Notes

Version 103

Table of Contents

Overview 3
Before You Install or Upgrade 3
Installing or Upgrading to Cisco: Viptela PowerPack version 103 3
Features 4
Enhancements and Issues Addressed 4

Overview

Version 103 of the *Cisco: Viptela* PowerPack includes the addition of new Dynamic Applications and identified data collection issues.

- **Minimum Required Platform Version**: 8.14.0

This document describes:

- *Pre-installation or pre-upgrade information 8.14.0*
- *The installation process for the PowerPack*
- *The features included in version 103*
- *The enhancements and issues addressed in version 103*

Before You Install or Upgrade

Ensure that you are running version 8.14.0 or later of SL1 before installing the *Cisco: Viptela* PowerPack version 103.

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

Installing or Upgrading to Cisco: Viptela PowerPack version 103

To install the *Cisco: Viptela* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

TIP: By default, installing a new version of a PowerPack will overwrite all content in that PowerPack that has already been installed on the target system. You can use the ***Enable Selective PowerPack Field Protection*** setting in the **Behavior Settings** page (System > Settings > Behavior) to prevent the new version of the PowerPack from overwriting local changes for some commonly customized fields.

NOTE: If you are currently using the Dynamic Applications in the *Cisco: Viptela* 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.

1. See the ***Before You Install or Upgrade*** section. If you have not done so already, upgrade your system to the 8.14.0 or later release.
2. Download version 103 of the *Cisco: Viptela* PowerPack from the Support Site to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the Actions menu and select *Import PowerPack*. When prompted, import version 103 of the *Cisco: Viptela*PowerPack.
4. After importing/upgrading the PowerPack, you will be prompted to install the PowerPack. Click the Install button to install the PowerPack.
5. To ensure all apps are collecting data after the upgrade, go to the **Credential Management** page (System > Manage > Credentials). Identify the current credential and click the Edit button. Add *%silo_token=X-XSRF-TOKEN* as a header in the HTTP Headers section and click the Save button.
6. Go to the **Device Manager** page (Devices > Device Manager). Identify the vManage virtual root device and click the Device Properties icon. In the Collections tab, select the Actions menu and click the Add Dynamic Application button. Select the Cisco: Viptela Token Configuration Dynamic Application with the current credential and save it. Perform these same steps to align the Cisco: Viptela vManage IP Address Configuration Dynamic Application to the root device.
7. See the manual ***Monitoring Cisco Viptela*** for instructions on using the new PowerPack.

Features

Cisco: Viptela PowerPack version 103 includes the following features:

- Dynamic Applications that enable SL1 to discover, model, and monitor Cisco: Viptela devices.
- Device Classes for each type of Cisco: Viptela device monitored.
- Event Policies and the corresponding alerts that are triggered when Cisco: Viptela devices meet certain status criteria.
- An example credential that you can use as a template to create a SOAP/XML credential to connect to the Cisco: Viptela component devices that you want to monitor.
- Dashboards that display information about Cisco: Viptela component devices.
- "The Cisco: Viptela vManage Template" is available for aligning all Dynamic Applications to the root component device.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the *Cisco: Viptela* PowerPack:

- The following Dynamic Applications were added to the PowerPack:
    - Cisco: Viptela Token Configuration
    - Cisco: Viptela vManage IP Address Configuration

- A functionality change was made, in which the vManage IP is now retrieved from cache, for the following Dynamic Applications:
    - Cisco: Viptela vManage System Performance
    - Cisco: Viptela vManage Configuration
    - Cisco: Viptela vManage Device Configuration
- A solution was applied in which a root device name can be different from the specific vManage System IP.
- An issue was addressed in the "Cisco: Viptela Events Caching" Dynamic Application in which an exception was raised that prohibited data collection for collection objects.
- A solution was applied to support token-based authentication; either CSRF or XSRF.

NOTE: The value of the *Max Sessions Per User* field must be set as Disabled in the Administration Settings for this PowerPack to work correctly.

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