



Cisco: Viptela PowerPack Release Notes

Version 106

Overview

Version 106 of the *Cisco: Viptela* PowerPack removes unused code from the PowerPack.

- **Minimum Required SL1 Version:** 11.3.0

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Before You Install or Upgrade

Ensure that you are running version 11.3.0 or later of SL1 before installing *Cisco: Viptela* version 106.

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

Installation or Upgrade Process

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 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 version 106 of the *Cisco: Viptela* PowerPack, perform the following steps:

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the minimum required platform version or later release.
2. Download Version 106 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 106 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 **Credentials** page (Manage > Credentials). Click the name of the current credential to edit the credential. Add `%silo_token=X-XSRF-TOKEN` as a header in the **HTTP Headers** section if it is not present already, and click the **[Close]** 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. Follow these steps if the two Dynamic Applications involved are not aligned already. Otherwise, skip this step.
7. See the manual *Monitoring Cisco Viptela* for instructions on using the new PowerPack.

NOTE: To discover vEdge devices with only "valid" statuses, modify the "Cisco: Viptela vEdge Discovery" Dynamic Application's snippet arguments to filter by "valid" by changing the [*] section to use [?validity=='valid!']. For example, the serialNumber's snippet argument uses the following:
rest://dataservice/system/device/vedges&silo_args=jpath=data
[?validity=='valid!'].serialNumber | serialNumber

Features

Version 106 of the *Cisco: Viptela* PowerPack 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 106 of the *Cisco: Viptela* PowerPack:

- Removed unused code from the PowerPack.

Known Issues

The following known issues affect version 106 of the Cisco: Viptela PowerPack:

- There may be a collection gap in the "Cisco: Viptela Events Caching" Dynamic Application when the "Cisco: Viptela Token Configuration" Dynamic Application logs out of a previous session. This could happen approximately every 12 hours.
- "Cisco: Viptela Tunnel Statistics Performance" Dynamic Application may present collection gaps if the API is not returning data in the period of time configured in this Dynamic Application.
- "Cisco: Viptela TLOC Aggregation Configuration" Dynamic Application may not display data in its configuration report if the API is not returning data in the period of time configured in this Dynamic Application.
- If there is a large amount of data to analyze on the database for the "Cisco: Viptela TLOC Aggregation Configuration" Dynamic Application, you may experience a 500 (Internal Server Error) error which will be displayed in the inspector web console. As a troubleshooting method, go to `/etc/php.d/sl1_memory_limit.ini` to increase the `memory_limit` and restart services with `systemctl restart em7 php-fpm nginx`.

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