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# Cisco: Viptela PowerPack Release Notes

Version 104

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## Overview

Version 104 of the *Cisco: Viptela* PowerPack includes an update to existing Dynamic Applications and resolutions to data collection issues.

- **Minimum Required SL1 Version:** 11.1.0

<a href="#">Before You Install or Upgrade</a> .....	2
<a href="#">Installation or Upgrade Process</a> .....	2
<a href="#">Features</a> .....	3
<a href="#">Enhancements and Issues Addressed</a> .....	3
<a href="#">Known Issues</a> .....	4

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## Before You Install or Upgrade

Ensure that you are running version 11.1.0 or later of SL1 before installing *Cisco: Viptela* version 104.

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

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## Installation or Upgrade Process

To install version 104 of the *Cisco: Viptela* PowerPack, 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 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.

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 104 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 104 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.

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## Features

Version 104 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.

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## Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 104 of the *Cisco: Viptela* PowerPack:

- Addressed an issue in which log outs were causing collection gaps.
- Updated the "Cisco: Viptela Events Caching" Dynamic Application to continue collecting data by updating the snippet code to use sessions generated by the "Cisco: Viptela Token Configuration" Dynamic Application.
- Updated the `silo_apps` library version from 1.20.0 to 3.4.1 to work on SL1 11.2.

**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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## Known Issues

The following known issues affect version 104 of the Cisco: Viptela PowerPack:

- There may be a collection gap in the "Cisco: Viptela Events Caching" Dynamic Application when you log out of a session.

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