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# F5 BIG-IP PowerPack Release Notes

Version 101

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## Overview

Version 101 of the F5 BIG-IP PowerPack includes new Dynamic Applications to collect additional configuration and performance data from F5 BIG-IP devices, plus several additional enhancements.

- **Minimum Required Platform Version:** 8.7.0
- **Support Status:** GA

This document describes:

- [Pre-install or pre-upgrade information](#)
- [The installation process for the PowerPack](#)
- [The features included in version 101](#)
- [The enhancements and issues addressed in version 101](#)
- [The known issues in Version 101](#)

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## Before You Install or Upgrade

Ensure that you are running ScienceLogic system version 8.7.0 or later before installing the *F5 BIG-IP PowerPack* version 101.

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

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## Installation or Upgrade Process

To install version 101 of the F5 BIG-IP PowerPack, perform the following steps:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. If you have not done so already, upgrade your system to the 8.7.0 or later release.
3. Download version 101 of the F5 BIG-IP PowerPack from the Customer Portal 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 version 101 of the F5 BIG-IP PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the Install button to install the PowerPack.

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## Included Features

The following features are included in version 101 of the F5 BIG-IP PowerPack:

- Dynamic Applications that collect configuration and performance data about F5 BIG-IP devices.
- An SNMP credential template.
- Device classes for all F5 BIG-IP devices are included in the PowerPack.
- Event policies that are triggered when F5 BIG-IP devices meet certain status criteria.

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## Enhancements and Issues Addressed

The following changes are included in version 101 of the F5 BIG-IP PowerPack:

- The following Dynamic Applications were added to the PowerPack:
  - F5: Viprion Chassis Slot Status
  - F5 BIG-IP: vCMP VM Configuration
  - F5 BIG-IP: Cluster Status
- The following Dynamic Applications were updated to include the root device name in alert messages:
  - F5 BIG-IP LTM: Virtual Server Configuration
  - F5 BIG-IP LTM: Pool Configuration
  - F5 BIG-IP LTM: Pool Member Configuration
  - F5 BIG-IP LTM: Node Configuration
- The Dynamic Application "F5 BIG-IP LTM: Component Counts" will now only align with Local Traffic Managers (LTM) and not Global Traffic Managers (GTM).
- An issue was addressed in the Dynamic Application "F5 BIG-IP: Performance" that was causing an erroneous Net-SNMP alert about a memory issue to appear. Metrics were added to provide greater accuracy for F5 devices.
- An issue was addressed in the Dynamic Application "F5 BIG-IP: Node Discovery" where the enabled state and availability state were showing up incorrectly.
- An issue was addressed in the Dynamic Application "F5 BIG-IP LTM: Pool Discovery: Virtual Server Default Pools" where the enabled state was appearing incorrectly.
- All physical device classes have been updated with a device tier of 3, component device classes have been changed to tier 1, and BIG-IP LTM device classes are now tier 6.
- The Dynamic Applications "F5 BIG-IP LTM: Service Discovery" and "F5 BIG-IP LTM: Component Counts" no longer auto-align to Viprion chassis devices.
- Alert messages now include component names so users can more easily identify which device or server is having the issue.
- An issue was addressed in the "F5 BIG-IP LTM: Pool Member Discovery" Dynamic Application where incorrect OIDs were specified in a Dynamic Application snippet.
- The Dynamic Application "F5 BIG-IP LTM: Virtual Server Configuration" changed the names of some configurations to more clearly reflect the metrics being collected.
- An issue was addressed where some virtual servers and pools were erroneously reporting a state of "Healthy".

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## Known Issues

The following issues in the ScienceLogic platform affect the F5 BIG-IP PowerPack:

- The F5 BIG-IP PowerPack is not backwards compatible for deprecated OIDs. If you are using a system that is outdated, it may fail to collect some data.
- There is no maximum threshold for number of F5 components. Collectors should be able to handle up to 3500 components but discovering more than 3500 components would slow the system significantly.

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