F5 BIG-IP PowerPack Release Notes

Version 105

Overview

Version 105 of the *F5 BIG-IP* PowerPack updates the PowerPack to Python3.

- **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 "F5 BIG-IP" PowerPack version 105.

> **NOTE:** For details on upgrading SL1, see the relevant ***SL1 Platform Release Notes***.

Installation or Upgrade Process

To install version 105 of the *F5 BIG-IP* PowerPack, perform the following steps:

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 11.3.0 or later release.
3. Download the "F5 BIG-IP" version 105 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 "F5 BIG-IP" version 105.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

Features

This release includes the following features:

- Dynamic Applications that collect configuration and performance data about F5 BIG-IP devices

- Device classes for all F5 BIG-IP devices
- Event policies that are triggered when F5 BIG-IP devices meet certain status criteria

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 105 of the "F5 BIG-IP" PowerPack:

- Updated the PowerPack to Python 3.

Known Issues & Workarounds

The following known issues affect version 105 of the *F5 BIG-IP* PowerPack:

- The PowerPack contains a collection object called 'ASN.1 Encoded Name" that was added on previous versions. This collection object is present in the "F5 BIG-IP LTM: Pool Configuration", "F5 BIG-IP LTM: Pool Member Configuration" and "F5 BIG-IP LTM: Node Configuration" Dynamic Applications. This collection object isn't collecting data and will be disabled after 48 hours of alignment of the Dynamic Applications to a device.
- All snippets display a "RequestsDependency" warning. This is caused by importing requests in python3.6 or python3.9, but does not affect collection.
- Virtual Servers with the same name may only have one discovered instance of duplicate named servers discovered, modeled, and present in the configuration table in the "F5 Big-IP LTM: Virtual Server Discovery" Dynamic Application. Additionally, due to a change in how Python 2 and Python 3 handle dictionaries, when upgrading from version 103 to version 104, the duplicated device that is discovered, modeled, and listed in the configuration table may change.

NOTE: F5 and ScienceLogic both recommend that virtual servers have unique names.

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