



NetApp Base Pack PowerPack Release Notes

Version 106

Overview

Version 106 of the *NetApp Base Pack PowerPack* addresses database credential issues.

- **Minimum Required Platform Version:** 10.1.0

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Before You Install or Upgrade

Ensure that you are running version 10.1.0 or later of SL1 before installing *NetApp Base Pack* version 106.

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

Installation and 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 or upgrade the *NetApp Base Pack* PowerPack, perform the following steps:

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 10.1.0 or later release.
3. Download *NetApp Base Pack* version 106 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 *NetApp Base Pack* version 106.
5. Click the Install button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

Enhancements and Issues Addressed

The following enhancements are included in the PowerPack:

- The RBA code for aligning the NetApp: Network Stats Dynamic Application was removed. The Dynamic Application now uses component application alignment.

Known Issues

The following known issues affect version 106 of the *NetApp Base Pack* PowerPack:

- Due to increased security restrictions on Military Unique Deployment (MUD) systems, users might see unexpected behavior when attempting to discover and collect data from a NetApp system. The symptoms include a failure to auto-align Dynamic Applications during discovery and SSL errors during collection after manual alignment. These errors would look like the following:

```
"2019-04-09 17:32:35,941", "UIDEBUG", "14179", "discover_
apps.MainProcess.14153", "dynamic_snippet", "378", "App: 1012, Snippet: 1180
reported a collection problem (Explanation: [644] netapp_api: [SSL: ONLY_TLS_
ALLOWED_IN_FIPS_MODE] only tls allowed in fips mode (_ssl.c:618) )"
```

The PowerPack defaults to using SSL (port 443) for connections to the NetApp storage devices. However, Federal Information Processing Standard (FIPS)-compliant systems require TLS for security. If SL1 is running in FIPS-compliant mode, the user will need to either:

- Set the port to 80 in the credential, which directs the PowerPack to use HTTP for connections.

OR

- Enable TLS in the credential. See the "NetApp w/SSL/TLS Option" credential that is included in the PowerPack as an example.

NOTE: If TLS is required for the discovery of a 7-mode NetApp system, the example credential provided will need to be replaced by a SOAP/XML credential, as is used for a C-mode system discovery. In that case, the **Embed Value [%1]** field should be set to *True* and the TLS version should be entered in **Embed Value [%2]**, as directed in the **Monitoring NetApp Appliances** manual.

- A Content Libraries import error is present in SL1 version 8.8.0. If you encounter this error, upgrade SL1 to version 8.8.1.1 Build 6 or later.

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