



NVIDIA: GPU Monitoring PowerPack Release Notes

Version 102

Overview

Version 102 of the "NVIDIA: GPU Monitoring" PowerPack adds support for Gen 3 agent deployment and updates the execution environment used by the PowerPack's Dynamic Applications.

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Before You Install or Upgrade

Ensure that you are running version 12.3.1 or later of Skylar One before installing the "NVIDIA: GPU Monitoring" PowerPack.

NOTE: For details on upgrading Skylar One, see the relevant [Skylar One Platform 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: For details on upgrading Skylar One, see the relevant [Skylar One Platform Release Notes](#).

To download and install the PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page at the [ScienceLogic Support Center](#) (Skylar One > PowerPacks, login required).
2. In Skylar One, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the actions icon and choose *Import PowerPack*. The **Import PowerPack** dialog box appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.
5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPacks** page.

NOTE: If you exit the **PowerPack Installer** modal without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPacks** page. However, the imported PowerPack will appear in the **Imported PowerPacks** modal. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

NOTE: In version 101 and later of the "NVIDIA: GPU Monitoring" PowerPack, GPU indexing uses the universally unique identifier (UUID) if a serial number is reported as "N/A" or unavailable. If you upgrade from version 100 of the PowerPack and your environment previously reported "N/A" serial numbers, you might notice changes in performance graphs and newly created GPU objects in configuration views. This behavior is expected, and data and graphs should fully normalize after two to three polling cycles.

Features

This release includes the following features:

- Dynamic Applications that discover and collect data from NVIDIA graphics processing units (GPUs)
- Event policies and corresponding alerts that are triggered when NVIDIA GPU devices meet certain status criteria
- A sample SSH credential ("NVIDIA GPU Monitoring - Example") that you can use to create your own NVIDIA credential
- A device template ("NVIDIA GPU Monitor Template") that aligns NVIDIA Dynamic Applications with devices

Enhancements and Addressed Issues

The following enhancements and addressed issues are included in this release:

- Added the ability to deploy the PowerPack on Gen 3 Skylar One agents.
- Updated the Dynamic Applications in the PowerPack to use the new "NVIDIA: GPU Monitoring Environment v1.1" execution environment.
- Corrected the capitalization of "NVIDIA" throughout the PowerPack.

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