NVIDIA GPU PowerPack Release Notes

Version 101

Overview

Version 101 of the "NVIDIA GPU" PowerPack adds support for single-GPU configurations and updates the indexing method for all Dynamic Applications in the PowerPack to handle situations where serial numbers may be absent.

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Before You Install or Upgrade

Ensure that you are running version 12.3.x or later of Skylar One before installing the "NVIDIA GPU" PowerPack.

NOTE: For details on upgrading Skylar One, see the relevant *Skylar One Platform Release Notes*.

Installation and Upgrade Process

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 this PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page at the ScienceLogic Support Center (Skylar One > PowerPacks).
2. In Skylar One (formerly SL1), go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **Actions** menu and choose *Import PowerPack*. The **Import PowerPack** modal 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 **PowerPack Manager** page.

NOTE: Starting with version 101 of the NVIDIA GPU PowerPack, GPU indexing now falls back to use the universally unique identifier (UUID) when the 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 you should allow two to three polling cycles for data and graphs to fully normalize.

Features

This release includes the following features:

- The following Dynamic Applications that discover and collect data from NVIDIA GPU:
  - Nvidia: Card Configuration
  - Nvidia: Card Performance
  - Nvidia: Memory Performance
- 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

Issues Addressed in this Release

The following issues were addressed in this release:

- Added support for single-GPU configurations to all Dynamic Applications in the PowerPack. (Case: 00543044)
- Updated the indexing method for all Dynamic Applications in the PowerPack to handle cases where serial numbers might be absent. In cases where the serial number is absent, the universally unique identifier (UUID) is now used for indexing.

Known Issues

This release has no known issues.

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