



Palo Alto Base Pack PowerPack Release Notes

Version 102

Overview

Version 102 of the *Palo Alto Base Pack PowerPack* includes updates to device alerts for the "Palo Alto: Environmental Performance" Dynamic Application.

- **Minimum Required SL1 Version:** 10.2.0

NOTE: This PowerPack currently supports only basic authentication for discovery; it does not support the use of an API key.

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Before You Install or Upgrade

Ensure that you are running version 10.2.0 or later of SL1 before installing *Palo Alto Base Pack* version 102.

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

NOTE: ScienceLogic suggests installing the Host Resource Core Pack PowerPack, Entity MIB PowerPack, and ScienceLogic Support Pack PowerPacks. The Dynamic Applications included in these PowerPacks will automatically align to your Palo Alto devices.

Installation Process

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 10.2.0 or later release.
3. Download the *Palo Alto Base Pack* version 102 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 *Palo Alto Base Pack* version 102.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

For more information about using the PowerPack, see the [Monitoring Palo Alto Base Pack](#) manual.

Included Features

Version 102 of the *Palo Alto Base Pack* PowerPack includes the following features:

- Dynamic Applications that discover and collect configuration and performance data about Palo Alto firewalls.
- Device Classes for each of the Palo Alto devices monitored.
- Event Policies and corresponding alerts that are triggered when Palo Alto devices meet certain status criteria.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *Palo Alto Base Pack* PowerPack:

- Updated the following alerts for the "Palo Alto: Environmental Performance" Dynamic Application to prevent false alerts by using only the minimum/maximum values instead of threshold values:
 - Palo Alto: Device Overvoltage
 - Palo Alto: Device Undervoltage
 - Palo Alto: Device Voltage Returned to Normal
- The "Volts High" threshold object has been removed from the "Palo Alto: Environmental Performance" Dynamic Application.

Known Issues

The following known issues affect version 102 of the *Palo Alto Base Pack* PowerPack:

- If a device does not have the "top-application-categories" report returned by an API pull, then API based Dynamic Applications may not automatically align.
- When running the "Palo Alto: License Configuration" Dynamic Application performance report, Palo Alto licenses that do not have an Auth Code will be skipped and an info message will be displayed. Collection will run as expected.
- The data unit for all metrics will not be displayed on the "Palo Alto: DOS, Drops, and TCP Stats" Dynamic Application performance report. The metrics are counters and there is no standard data unit available for this metric.
- Some collection objects in this PowerPack support a limited format. Palo Alto software is subject to change without notice to ScienceLogic. Due to this, the format of collected data may change.
- The Dynamic Applications that are included in the PowerPack automatically align to discovered devices. If the following Dynamic Applications are not aligned to your device before upgrading to version 102 of the PowerPack, once you have upgraded to version 102 of the PowerPack you can align them manually or run a discovery task:
 - Palo Alto: GlobalProtect Configuration
 - Palo Alto: License Configuration
 - Palo Alto: Environmental Performance
 - Palo Alto: Traffic to Country Destination

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