



SL1: Concurrent PowerShell Monitoring PowerPack Release Notes

Version 101

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Overview

Version 101 of the *SL1: Concurrent PowerShell Monitoring PowerPack* includes new event policies and addresses an issue in which an error was occurring in a Dynamic Application.

- **Minimum Required Platform Version:** 10.1.4

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation and upgrade process for the PowerPack](#)
- [The features included in version 101](#)
- [The enhancements and issues addressed in version 101](#)
- [The known issues that affect version 101](#)

Before You Install or Upgrade

Ensure that you are running version 10.1.4 or later of SL1 before installing the *SL1: Concurrent PowerShell Monitoring PowerPack* version 101.

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

Installing or Upgrading to SL1: Concurrent PowerShell Monitoring PowerPack version 101

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 the *SL1: Concurrent PowerShell Monitoring 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 the *SL1: Concurrent PowerShell Monitoring* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 10.1.4 or later release.
2. Familiarize yourself with the [Known Issues](#) for this release.
3. Download version 101 of the *SL1: Concurrent PowerShell Monitoring* 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 version 101 of the *SL1: Concurrent PowerShell Monitoring* PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the Install button to install the PowerPack.
6. See the manual *Monitoring Windows Systems with PowerShell* for instructions on using the PowerPack.

Included Features

The *SL1: Concurrent PowerShell Monitoring* PowerPack includes:

- Two Dynamic Applications for monitoring the concurrent PowerShell service:
 - **ScienceLogic: PowerShell Collector Performance**. Collects Prometheus performance metrics from the service container
 - **ScienceLogic: PowerShell Service Log Parser**. Monitors the service log and raises major events on devices when errors are found containing device IDs
- A device template to automatically align the "ScienceLogic: PowerShell Service Log Parser" Dynamic Application to multiple Data Collectors
- Event policies and corresponding alerts that are triggered when devices meet certain status criteria

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *SL1: Concurrent PowerShell Monitoring* PowerPack:

- The following event policies were added to the PowerPack:
 - ScienceLogic: PowerShell Clock Skew Too Great
 - ScienceLogic: PowerShell Service Can't Find KDC For Realm
 - ScienceLogic: PowerShell Service Cannot Find Client Principal
 - ScienceLogic: PowerShell Service Cannot Find File Specified
 - ScienceLogic: PowerShell Service Connection Aborted
 - ScienceLogic: PowerShell Service Connection Refused

- ScienceLogic: PowerShell Service Default Realm Not Specified
 - ScienceLogic: PowerShell Service Get-Counter Failed
 - ScienceLogic: PowerShell Service Integrity Check Failed
 - ScienceLogic: PowerShell Service Max Concurrent Operations Per User
 - ScienceLogic: PowerShell Service Max Concurrent Shells Per User
 - ScienceLogic: PowerShell Service Name Resolution Error
 - ScienceLogic: PowerShell Service No Credential Cache Found
 - ScienceLogic: PowerShell Service No More Threads Can Be Created
 - ScienceLogic: PowerShell Service No Route To Host
 - ScienceLogic: PowerShell Service Rejected Credentials
 - ScienceLogic: PowerShell Service Resource Temporarily Unavailable
 - ScienceLogic: PowerShell Service RPC Server Unavailable
 - ScienceLogic: PowerShell Service Server Not Found in Kerberos Database
 - ScienceLogic: PowerShell Service Timed Out
 - ScienceLogic: PowerShell SL1 SSH Credential Error
- The parser snippet logic was updated in the "ScienceLogic: PowerShell Service Log Parser" Dynamic Application to route error messages to the appropriate event policy.
 - The "ScienceLogic: PowerShell SL1 SSH Credential Error" event policy was added to the PowerPack to address an issue in which exceptions were being thrown for devices using the wrong SSH/Key credential.
 - An issue was addressed in the "ScienceLogic: PowerShell Service Log Parser" Dynamic Application in which the exception "AttributeError: 'dict' object has no attribute 'strip' File" would occur the first time it ran on the Data Collector.
 - An issue was addressed in which the "ScienceLogic: PowerShell Collector Performance" Dynamic Application was erroneously auto-aligning to Linux servers.

NOTE: If you want to monitor your Data Collectors with the "ScienceLogic: PowerShell Collector Performance" Dynamic Application, you must manually align it to your Data Collectors using the SSH/Key credential.

NOTE: If you have already auto-aligned the "ScienceLogic: PowerShell Collector Performance" Dynamic Application before upgrading the *SL1: Concurrent PowerShell Monitoring* PowerPack, it is recommended that you delete the Dynamic Application before you upgrade.

Known Issues

The following known issue affects version 101 of the SL1: Concurrent PowerShell Monitoring PowerPack:

- The "ScienceLogic: PowerShell Collector Performance" Dynamic Application will not collect data when using an SSH/Key credential with a PEM key.

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