



Microsoft: Windows Server PowerPack Release Notes

Version 108

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Overview

Version 108 of the *Microsoft: Windows Server PowerPack* includes the removal of legacy PowerShell requests from pre-caching versions of the PowerPack and a device to align PowerShell Dynamic Applications for use with the SL1 Agent.

- **Minimum Required Platform Version:** 8.10.0
- **Support Status:** GA

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation and upgrade process for the PowerPack](#)
- [The features included in version 108](#)
- [The enhancements and issues addressed in version 108](#)
- [The known issues in version 108](#)

Before You Install or Upgrade

Ensure that you are running version 8.10.0 or later of SL1 before installing version 108 of the *Microsoft: Windows Server PowerPack*.

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

Installing or Upgrading to Microsoft: Windows Server PowerPack Version 108

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 *Microsoft: Windows Server* 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 *Microsoft: Windows Server* PowerPack for the first time or to upgrade from a previous version, 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 8.10.0 or later release.
3. Download version 108 of the *Microsoft: Windows Server* PowerPack from the Customer Portal 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 108 of the *Microsoft: Windows Server* 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.

Features

Microsoft: Windows Server PowerPack version 108 includes the following features:

- Dynamic Applications that collect configuration and performance data about Windows Servers
- Event Policies that are triggered when Windows Server devices meet certain status criteria
- Device Classes for each type of Windows Server

NOTE: The Device Classes include older device types that can be discovered but are no longer supported by ScienceLogic.

- Run Book Policies and Run Book Actions that align a more detailed device class with each discovered device
- A sample Credential for discovering Windows Server devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 108 of the *Microsoft: Windows Server PowerPack*:

- The "Microsoft: Windows Server IC Availability" Dynamic Application was updated to be enabled by default.
- The "SL1 Agent for Microsoft: Windows Server Template" device template and "SL1 Agent PowerShell Default" credential were added to the PowerPack to align Dynamic Applications for use with Local Agent Execution.
- The PowerPack was updated to remove legacy PowerShell requests that remain in the database from pre-caching versions of this PowerPack.
- An issue was addressed in the "Microsoft: Windows Server Configuration Cache" Dynamic Application in which empty data sets erroneously occurred.
- The "Microsoft: Windows Server DCM+R Relationship" Dynamic Application was updated to have a 2-hour polling cycle.
- The "Microsoft: Windows Server DCM+R Relationship" Dynamic Application was updated to address issues with Dynamic Component Map relationships between Windows Servers and New Relic servers.
- An issue was addressed in the "Microsoft: Windows Server OS Configuration" Dynamic Application in which the Asset/Form link property was incorrectly mapped to "Operating System Version" rather than "Edition".
- An issue was addressed in the "Microsoft: Windows Server Disk Performance" Dynamic Application in which the "Microsoft: Windows % Disk Used (Logical Disk) exceeded threshold" alert triggered when values were below the threshold.
- The "Microsoft: Windows Server IC Filesystem Inventory" and "Microsoft: Windows Server IC Filesystem Performance" Dynamic Applications were updated to address an issue in which bad characters were causing calculations to fail.
- All producer- and consumer-caching Dynamic Applications were updated to address an issue with collector group load balancing.

Known Issues and Workarounds

The following known issues impact version 108 of the *Microsoft: Windows Server PowerPack*:

- The *Microsoft: Windows Server PowerPack* version 102 and above will not work on merged devices prior to SL1 version 8.12.2.
- If you use the "Microsoft: Windows Server IC Interface Performance" Dynamic Application to populate interface performance data, then you cannot enable the **Packets** setting on the **Interface Properties** page (Registry > Networks > Interfaces > interface wrench icon) without causing an unhandled exception.
- When the "Microsoft: Windows Server IC Interface Inventory" Dynamic Application is enabled, you might see a nightly unhandled exception that includes the message "MySQL has gone away." The fix for this is targeted for a future release of SL1.
- The "Microsoft: Windows Server Software Configuration" Dynamic Application cannot properly parse installation dates that are not in yyyy-mm-dd hh:mm:ss format, such as "Wed Jul 05 12:41:46 EDT 2017".
- The winrm_configuration_wizard.ps1 script, used for configuring permissions for SL1 collection on the monitored Windows server, may not be allowed to set permissions on every Windows service on the server. A Domain Administrator may have to use Group Policy management to set permissions on all Windows services.

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