



Microsoft: Windows Server PowerPack Release Notes

Version 110

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Overview

Version 110 of the *Microsoft: Windows Server PowerPack* includes updates to Dynamic Applications, new events and alerts, and a number of addressed issues.

- **Minimum Required Platform Version:** 8.14.0
- **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 110](#)
- [The enhancements and issues addressed in version 110](#)
- [The known issues in version 110](#)

Before You Install or Upgrade

Ensure that you are running version 8.14.0 or later of SL1 before installing version 110 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 110

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 8.14.0 or later release.
3. Download version 110 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 110 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 110 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 1.10 of the *Microsoft: Windows Server PowerPack*:

- The "Microsoft: Windows Server IC Availability" Dynamic Application was removed from the PowerPack.
- The default setting for **Collector Affinity** was updated to *Assigned collector* in the following Dynamic Applications:
 - Microsoft: Windows Server IC Cache Trigger
 - Microsoft: Windows Server IC Detail
 - Microsoft: Windows Server IC Filesystem Inventory
 - Microsoft: Windows Server IC Filesystem Performance
 - Microsoft: Windows Server IC Interface Inventory
 - Microsoft: Windows Server IC Interface Performance
- The "Microsoft: Windows Server Device Discovery" Dynamic Application was changed from a PowerShell Dynamic Application to a Snippet Dynamic Application.
- The "Microsoft: Windows Server Device Discovery" Dynamic Application was removed from the "SL1 Agent for Microsoft: Windows Server Template" device template.
- The alert formula in the "Microsoft: Windows Server Device Found" event policy was updated to trigger when the device class is not of the type "Windows".
- The **Poll Frequency** was updated to *Every 12 Hours* in the following Dynamic Applications:
 - Microsoft: Windows Server BIOS Configuration
 - Microsoft: Windows Server CPU Configuration
 - Microsoft: Windows Server DCM+R Relationship
 - Microsoft: Windows Server Disk Configuration
 - Microsoft: Windows Server Interface Configuration
 - Microsoft: Windows Server Memory Configuration
 - Microsoft: Windows Server OS Configuration
 - Microsoft: Windows Server Software Configuration
- The following Dynamic Applications were removed from the device templates and their **Operational State** was changed to *Disabled*:
 - Microsoft: Windows Server IPStats Performance
 - Microsoft: Windows Server TCPStats Performance
 - Microsoft: Windows Server UDPStats Performance
- The following Dynamic Applications were updated to remove the parent collection call:

- Microsoft: Windows Server IC Detail
 - Microsoft: Windows Server IC Filesystem Inventory
 - Microsoft: Windows Server IC Filesystem Performance
 - Microsoft: Windows Server IC Interface Inventory
 - Microsoft: Windows Server IC Interface Performance
- Updated the following requests in the "Microsoft: Windows Server Performance Cache" Dynamic Application to support PowerShell ConstrainedLanguage mode:
 - Windows Server Details - ICDA
 - Windows Server Disk Performance
 - Windows Server Disk Capacity Performance
 - Windows Server Interface Performance
 - Windows Server Interface Performance - ICDA
 - Windows Server Memory Performance
 - Windows Server Uptime
- Updated the "Windows Server Interface Configuration - ICDA" request in the "Microsoft: Windows Server Configuration Cache" Dynamic Application to support PowerShell ConstrainedLanguage mode.
- New alerts and events were added to the "Microsoft: Windows Server Memory Performance" and "Microsoft: Windows Server Disk Performance" Dynamic Applications.
- The Windows ICDA uptime calculation in the "Microsoft: Windows Server Performance Cache" Dynamic Application was changed to update every five minutes.
- Updated the "Windows Server OS Configuration - Operating System" request in the "Microsoft: Windows Server Configuration Cache" Dynamic Application and the "Windows Server Details - ICDA" request in the "Microsoft: Windows Server Performance Cache" Dynamic Application to use ASCII-only characters. This addresses an issue in which the Windows version for devices using PowerShell was not detected.
- ICDA Dynamic Applications were updated to address an issue in which the cache was triggered to run in standard collection when it should be populated by results from concurrent collection.

Known Issues and Workarounds

The following known issues impact version 110 of the *Microsoft: Windows Server PowerPack*:

- The **Collector Affinity** setting for Windows Server IC Dynamic Applications changes to *Default* if there are any changes made under the **[Properties]** tab.
- 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.
- 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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