Microsoft: Windows Server PowerPack Release Notes

Version 118

Overview

Version 118 of the "Microsoft: Windows Server" PowerPack was updated for Python 3.11 compatibility and 2025 Windows device classes were added.

Minimum Required SL1 Version: 12.3.1

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Before You Install or Upgrade

Ensure that you are running version 12.3.1 or later of SL1 before installing the "Microsoft: Windows Server" PowerPack.

NOTE: For details on upgrading SL1, see the relevant ***SL1 Platform Release Notes***.

Installing or Upgrading to this Version

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 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 (Product Downloads > PowerPacks & SyncPacks) at the ScienceLogic Support Site.
2. In 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.

WARNING: The internal collections Dynamic Applications (ICDAs) are disabled by default. If you are currently using the ICDAs to monitor devices, they will be disabled again after installing a new version of this PowerPack. ScienceLogic recommends that you use **Enable PowerPack Field Protection** or re-enable them after the installation is completed.

For more information about using the PowerPack, see the *Monitoring Windows Systems with PowerShell* manual.

Features

This release 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
- A Credential Test to ensure that your Windows credential works as expected

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in this release:

- Updated the PowerPack to be Python 3.11-compliant.
- Updated the "Microsoft: Windows Server Device Class Alignment" and "Microsoft: Windows Server Unselect Dynamic Discovery" run book actions so they no longer use the "EM7 Central Database" credential.

> **NOTE:** ScienceLogic recommends that, after you update to version 118, you manually update the run book action Snippet credential field to **[none]** because the ***EM7 Central Database*** credential remains aligned to both run book actions. The functionality of the run book actions is not affected.

- Updated the "***WinRM Configuration Wizard***" script to include the following new switches:
  - `"-dry_run"`. Records all PowerShell commands that would have made changes to the Windows system. These commands will be logged in the silo_winrm_config.log file with the prefix `"Dry Run: '<COMMAND>'"`.
  - `"-permissions_only"`. Runs the following functions: `AddWinRMRights`, `AddUserToGroups`, `SetWMIPermissions`, `SetRegistryPermissions`, and `SetSecurityRegKeyReadPermission`.

> **NOTE:** For more information about the WinRM Configuration Wizard scripts, see *Monitoring Windows Systems with PowerShell*.

- The "Microsoft: Windows Server Device Discovery" Dynamic Application and the "Microsoft: Windows Server Device Class Alignment" run book action were updated to support reclassification when you upgrade the operating system on a Windows Server.
- Added the "Microsoft Windows Server 2025" device class.

> **NOTE:** If a Windows 2025 device was discovered before version 118, it will not be automatically classified after updating the PowerPack. ScienceLogic recommends you delete the device and rediscover it to have the correct classification. You can also manually classify it to "Microsoft Windows Server 2025".

Known Issues and Workarounds

The following known issues affect version 118 of the "Microsoft: Windows Server" PowerPack:

- Due to SL1 platform behavior, ScienceLogic recommends you manually update the threshold values for the ***SL1 Agent for Microsoft: Windows Server Template*** device template after installing the PowerPack.
- Windows Server Process and Service monitoring will not work in environments in which Constrained Language mode is enabled for PowerShell.

- If the list of IP addresses assigned to an interface is longer than 235 characters, the "Microsoft: Windows Server Interface Configuration" Dynamic Application will strip the list of IP addresses after 235 characters and the following will appear in the logs:

```
90.PoolWorker-2.Extended_Internal_Collection: Skipping IPv6 Address due to powershell collector characters limit of 235 chars. did: <did> app_id: <app_id> Interface: <if>90.PoolWorker-2.Extended_Internal_Collection: Skipping IPv4 Address due to powershell collector characters limit of 235 chars. did: <did> app_id: <app_id> Interface: <if>If an IPv4 address is invalid, the "Microsoft: Windows Server Interface Configuration" Dynamic Application will remove the address and the following notice will appear in the logs:90.PoolWorker-2.Extended_Internal_Collection: Skipping IPv4 Mask due to powershell collector characters limit of 235 chars. did: <did> app_id: <app_id> Interface: <if>
```

- When updating the PowerPack, in the "Microsoft: Windows Server IC Interface Inventory" Dynamic Application, corrupted IPs with empty spaces, curly brackets ({}), or ellipses (...) will need to be deleted. Review the rows that will be deleted with the following query in the SL1 database:

```
SELECT id, did, ip, netmask FROM master_dev.device_ip_addr WHERE ip REGEXP '(^([{])|([}]$)|([.]{3}$)|([...}]$)|(\\s))';
```

  This will display all rows that will be deleted in the next step.

  Use the following query in the SL1 database to delete the rows:

```
DELETE FROM master_dev.device_ip_addr WHERE ip REGEXP '(^([{])|([}]$)|([.]{3}$)|([...}]$)|(\\s))';
```

  The deletion cannot be reversed after running this query.

- Dynamic Applications will produce errors and data will not be collected if your language is set to anything other than English.
- For mount point paths, all instances of "\" have been changed to "/" in the "Windows: Server IC Filesystem Inventory" and "Windows: Server IC Filesystem Performance" Dynamic Applications. Drives that are hidden will not be loaded, but will be visible in the "Microsoft: Windows Server Disk Configuration" Dynamic Application.
- The ***Collector Affinity*** setting for Windows Server internal collections Dynamic Applications (ICDAs) changes to *Default* if there are any changes made under the **[Properties]** tab. To keep the setting as *Assigned Collector*, run the following query:

```
UPDATE master.dynamic_app SET cu_affinity=2 WHERE ppguid IN ('<PP-GUID>');
```

- 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".

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