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Microsoft: Windows Server Cluster PowerPack Release Notes

Version 103

Overview

Version 103 of the *Microsoft: Windows Server Cluster* PowerPack updates the PowerPack to be Python 3-compatible.

- **Minimum Required SL1 Version**: 12.1.0

This document covers the following topics:

Before You Install or Upgrade

Ensure that you are running version 12.1.0 or later of SL1 before installing *Microsoft: Windows Server Cluster* version 103.

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

Installing or Upgrading the PowerPack

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 12.1.0 or later release.

3. Download the "Microsoft: Windows Server Cluster" version 103 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 "Microsoft: Windows Server Cluster" version 103.

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 Microsoft: Windows Server Cluster*** manual.

Features

Version 103 of the *Microsoft: Windows Server Cluster* PowerPack includes the following features:

- Dynamic Applications that collect configuration and usage information about Windows clusters
- Event Policies that are triggered when Windows Server Clusters meet certain status criteria

- Device Classes for each type of Windows Server Cluster
- A Run Book Policy and Run Book Action that create a Windows Cluster Virtual Device

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the *Microsoft: Windows Server Cluster* PowerPack:

- Updated all Dynamic Applications in the PowerPack to be Python 3-compatible.
- Added the "Microsoft: Windows Server Cluster EE" execution environment.
- Updated the "Microsoft: Windows Server Create Windows Cluster Virtual Device" Run Book action to be Python 3-compatible and moved its log file from the `/tmp` directory to `/data/logs/rba_windows_cluster.log`.
- Updated the Microsoft: Windows Server Cluster content libraries to be Python 3-compatible.
- Updated the "Microsoft: Windows Server Cluster Discovery" Dynamic Application to specify which Get-VM cmdlet to run by prepending "FailoverClusters\" to the PowerShell request. This will avoid conflicts on Windows Servers that have the VMWare PowerShell CLI Tools installed.

Known Issues

The following known issues affect version 103 of the *Microsoft: Windows Server Cluster* PowerPack:

- During discovery, messages may appear in the log indicating the cache is empty or expired. This behavior is expected and will not affect discovery.
- If a Windows cluster device is deleted and not re-discovered, it may be related to some metadata in the database that was not properly removed. Remove this metadata using the following statements on the Windows cluster server, where "<DID>" is the device ID of the Windows Server and "<APP_ID>" is the ID for the "Microsoft: Windows Server Cluster Discovery" Dynamic Application:

    To determine that the metadata is in the database:

    ```
    SELECT * FROM collector_state.dynamic_app_meta WHERE did IN
    (<DID>,<DID>) AND app_id = <APP_ID>;
    ```

    To delete the metadata and discover the Windows cluster again:

    ```
    DELETE FROM collector_state.dynamic_app_meta WHERE did IN (<DID>,<DID>)
    AND app_id = <APP_ID>;
    ```

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