Package Management Preview

Release Notes

Microsoft Corporation

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# Overview

Package Management Preview contains a standalone MSI with the following two PowerShell modules for down-level PowerShell versions 3.0 and 4.0:

* PackageManagement (previously known as OneGet)
* PowerShellGet

You should install this MSI if you are currently using PowerShell 3.0 or 4.0 and would like to use the PackageManagement and PowerShellGet modules, but cannot install Windows Management Framework (WMF) 5.0 or upgrade to Windows 10, or newer releases.

Package Management Preview contains the functionality of PackageManagement and PowerShellGet modules released in [WMF 5.0 RTM](https://blogs.msdn.microsoft.com/powershell/2016/02/24/windows-management-framework-wmf-5-0-rtm-packages-has-been-republished/). PowerShellGet module includes some additional bug fixes and also incorporated the community feedback on the script sharing support.

# Requirements

Package Management Preview works with the following operating systems:

| Operating System | Editions | Prerequisites |
| --- | --- | --- |
| Windows 8.1 | Pro, Enterprise |  |
| Windows Server 2012 R2 |  |  |
| Windows Server 2012 |  |  |
| Windows Server 2008 R2 SP1 | All, except IA64 | [.NET Framework 4.5 or above](https://msdn.microsoft.com/en-us/library/5a4x27ek.aspx)  [WMF 4](http://www.microsoft.com/en-us/download/details.aspx?id=40855) or [WMF 3](http://www.microsoft.com/en-us/download/details.aspx?id=34595) |
| Windows 7 SP1 | All | [.NET Framework 4.5 or above](https://msdn.microsoft.com/en-us/library/5a4x27ek.aspx)  [WMF 4](http://www.microsoft.com/en-us/download/details.aspx?id=40855) or [WMF 3](http://www.microsoft.com/en-us/download/details.aspx?id=34595) |

* **Note:** The Package Management Preview MSI will not install if WMF 5.0 is already installed.
* **Note:** The Package Management Preview MSI will not install if previous version is already installed. You must have to uninstall the previous version of this Package Management Preview MSI. Uninstallation instructions are provided below.

# How to install and uninstall PackageManagement Preview

## Installation instructions

Download the correct Package Management Preview MSI for your operating system and architecture. The following architectures are supported.

* + 1. **x64:** PackageManagement\_x64.msi
    2. **x86:** PackageManagement\_x86.msi

### Windows 8.1, Windows Server 2012 R2, and Windows Server 2012

Ensure that all of the following prerequisites have been met:

* **Windows 8.1**, **Windows Server 2012 R2**,or **Windows Server 2012**

Installation:

* **Double-click** the appropriate MSI file to start installation, or run the MSI file directly from a **Command Prompt**.

### Windows 7 SP1 and Windows Server 2008 r2 sp1

Ensure that all of the following prerequisites have been met:

* The latest service pack is installed
* [.NET Framework 4.5 or above](https://msdn.microsoft.com/en-us/library/5a4x27ek.aspx) is installed
* WMF 4.0 or 3.0 is installed
* Install WMF 4.0 by following the instructions [here](http://www.microsoft.com/en-us/download/details.aspx?id=40855) or
* Install WMF 3.0 by following the instructions [here](http://www.microsoft.com/en-us/download/details.aspx?id=34595)

Installation:

**Double-click** the appropriate MSI file to start installation, or run the MSI file directly from a **Command Prompt**.

## Uninstallation instructions

### IN Control Panel

1. Click **Programs,** and then click **Programs and Features**.
2. Click **View installed updates**.
3. Select **Package Management Preview – x64** or **Package Management Preview – x86** from the list of installed programs.
4. Click **Uninstall.**

# scenarios enabled by Package Management Preview

The following table provides an overview of the scenarios enabled by Package Management Preview.

|  |
| --- |
| **Scenario** |
| Software Discovery, Install and Inventory with PackageManagement |
| PowerShell Module Discovery, Install and Inventory with PowerShellGet |
| PowerShell Script Discovery, Install and Inventory with PowerShellGet |

## Software Discovery, Install and Inventory with PackageManagement

[PackageManagement](http://blogs.technet.com/b/packagemanagement/archive/2015/04/29/introducing-packagemanagement-in-windows-10.aspx) (previously known as OneGet) is a new way to discover and install software packages from around the web. It is a manager or multiplexor of existing package managers (also called package providers) that unifies Windows package management with a single Windows PowerShell interface. With PackageManagement, you can do the following.

* Manage a list of software repositories in which packages can be searched, acquired, and installed
* Discover and install different package managers
* Discover software packages you need
* Seamlessly install, uninstall, and inventory packages from one or more software repositories

For more details, see <http://oneget.org/>.

Documentation is available at <https://msdn.microsoft.com/en-us/powershell/wmf/oneget_cmdlets> and <https://technet.microsoft.com/en-us/library/mt422622.aspx>.

## PowerShell Module Discovery, Install and Inventory with PowerShellGet

PowerShellGet has the same functionality as the WMF 5.0 RTM release. Documentation on PowerShell module sharing feature is available at <https://msdn.microsoft.com/en-us/powershell/wmf/psget_module_overview> and <https://technet.microsoft.com/en-us/library/dn807169.aspx>.

## PowerShell Script Discovery, Install and INVENTORY with PowerShellGet

PowerShell Script sharing feature got added to the PowerShellGet in the WMF 5.0 RTM release. Documentation on PowerShell script sharing feature is available at <https://msdn.microsoft.com/en-us/powershell/wmf/psget_script_overview> and <https://technet.microsoft.com/en-us/library/dn807169.aspx>.

# Known issues

None

# Known incompatibilities

None

# Feedback and contact

For issues or feedback, you would like to report to us, use our Connect website. <https://connect.microsoft.com/PowerShell/Feedback>

# Additional links

Windows PowerShell Team Blog: <http://blogs.msdn.com/b/powershell/>