

PowerShell Intro

Microsoft

PowerShell-Scripting

A Shell is a user interface that gives access to various services of an Operating System.

Windows PowerShell is a Shell Developed by Microsoft for the purpose of Task Automation & Configuration Management

PowerShell Versions

PowerShell is almost eight years old, and five different PowerShell versions are currently available.

PowerShell 2.0 and PowerShell 3.0 were major releases, with many new important features. PowerShell 4.0 was only released one year after PowerShell 3.0. Thus, we couldn't expect too many enhancements. Its main new feature is Desired State Configuration (DSC), a new platform for managing Windows services and their environment.

PowerShell and Windows versions

PowerShell Version	Release Date	Default Windows Versions	Available Windows Versions
PowerShell 1.0	Nov-06	Windows Server 2008 (*)	windows XP SP2
			windows XP SP3
			windows Server 2003 SP1
			windows Server 2003 SP2
			windows Server 2003 R2
			windows Vista
			windows Vista SP2
PowerShell 2.0	Oct-09	windows 7	windows XP SP3
		windows Server 2008 R2 (**)	windows Server 2003 SP2
			windows Vista SP1
			windows Vista SP2
			windows Server 2008 SP1
			windows Server 2008 SP2
PowerShell 3.0	Sep-12	windows 8	windows 7 SP1
		windows Server 2012	windows Server 2008 SP2
			windows Server 2008 R2 SP1
PowerShell 4.0	Oct-13	windows 8.1	windows 7 SP1
		windows Server 2012 R2	windows Server 2008 R2 SP1
			windows Server 2012
PowerShell 5.0	April 2014 (***)	Windows 10	windows 8.1
			windows Server 2012 R2
* Has to be installed through Server Manager ** Also integrated in all later windows versions *** Release date of public review			