

Windows PowerShell - Automate system administration tasks

PowerShell is Windows' new command line interface, providing a very effective interactive environment for the operating system. PowerShell is great for automating system administration tasks. PowerShell can be run on Windows XP SP2, Windows Server 2003 and Windows Vista, Windows Server 2008.

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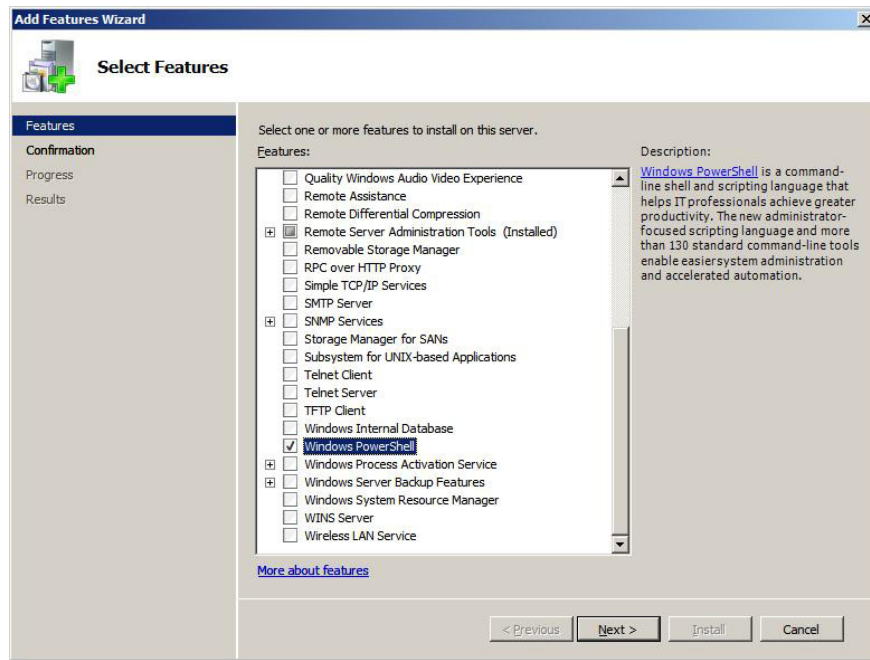
1. Install

With Windows XP SP2, Vista and Windows Server 2003, the installation steps are as follows:

1. Download the installation package at support.microsoft.com/kb/926139. With Vista, click on this link.
2. Run the downloaded file to install Windows PowerShell on the system.

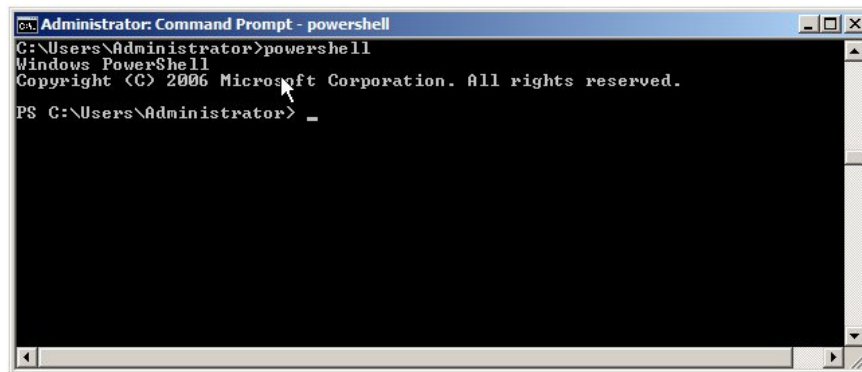
Note : PowerShell needs Microsoft .NET Framework 2.0. Therefore, you need to install this framework.

With Windows Server 2008, in *Server Manager* , click the **Add Features** link. Next, click **Windows PowerShell** and follow the instructions screen to complete the installation of this function on Windows Server 2008.



2. Start Windows PowerShell

To start Windows PowerShell, go to **Start** menu > **Programs** > **Windows PowerShell 1.0** -> **Windows PowerShell** .



In this screen, you can execute common MS-DOS commands. In addition, cmdlets help you perform administrative tasks efficiently and quickly. To see the script on PowerShell, use the **help** command. To see instructions for each command, use the **Get-Help** command. For example, the following command lists instructions for using **Remove-Item** cmdlet:

Get-Help Remove-Item

3. Create scripts

This section shows you how to create a simple script: output a screen with a notification. To get started, you use a simple editor and enter the commands for the script as follows:

```
$ message = "Hello Hue Security Club"  
write-host $ message
```

After importing, save the file (*hello.ps1*). Next, in the PowerShell screen, enter: **D: scripthello.ps1**

Soon, the content of the message will appear.

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