

What is Windows PowerShell? How to use Windows PowerShell

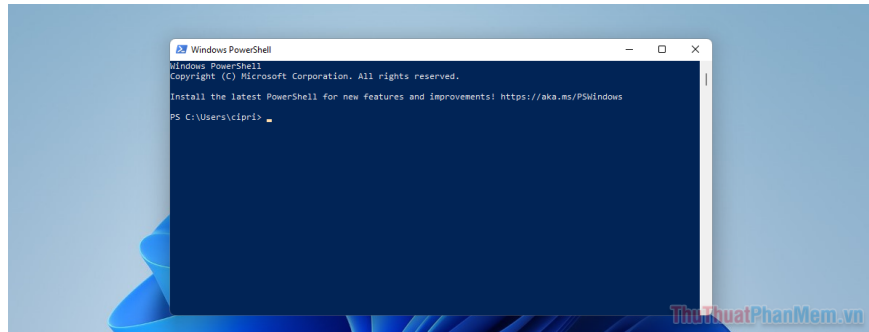
Do you want to learn the features of Windows PowerShell but don't know how? Suggestions for you What is Windows PowerShell? The most convenient way to use Windows PowerShell.

For Windows users, PowerShell is no stranger to code that can deeply interfere with the computer system. In this article, TipsMake shares with you more information about Windows PowerShell as well as how to use Windows PowerShell most effectively.



I. What is Windows PowerShell?

Microsoft PowerShell is known as a utility that uses command line/code/commands and scripting language. This is a powerful assistant for administrators, helping them automate a series of tasks for computers and the Internet. In the PowerShell tool, there is a part similar to Command Prompt because it uses the same components and is built on the Framework platform. NET. For network administrators, the PowerShell tool is considered a very effective tool and is always applied in all projects from small to large.



Nowadays, there are many learners who use Windows PowerShell to perform tedious daily tasks. When you master PowerShell, you can change the entire system over the network without having to adjust it for each individual machine. PowerShell is considered the core of cloud systems. In the future, PowerShell will become a popular and popular tool.

Windows PowerShell has many different uses, depending on each job, PowerShell will promote its own features.

Windows PowerShell is installed by default in Windows Server 2008 R2, Windows 7, Windows 10/Windows 11 and newer Windows operating systems. Later versions of Windows PowerShell are integrated with many new features to serve the purpose of using, operating and optimizing tools for users.

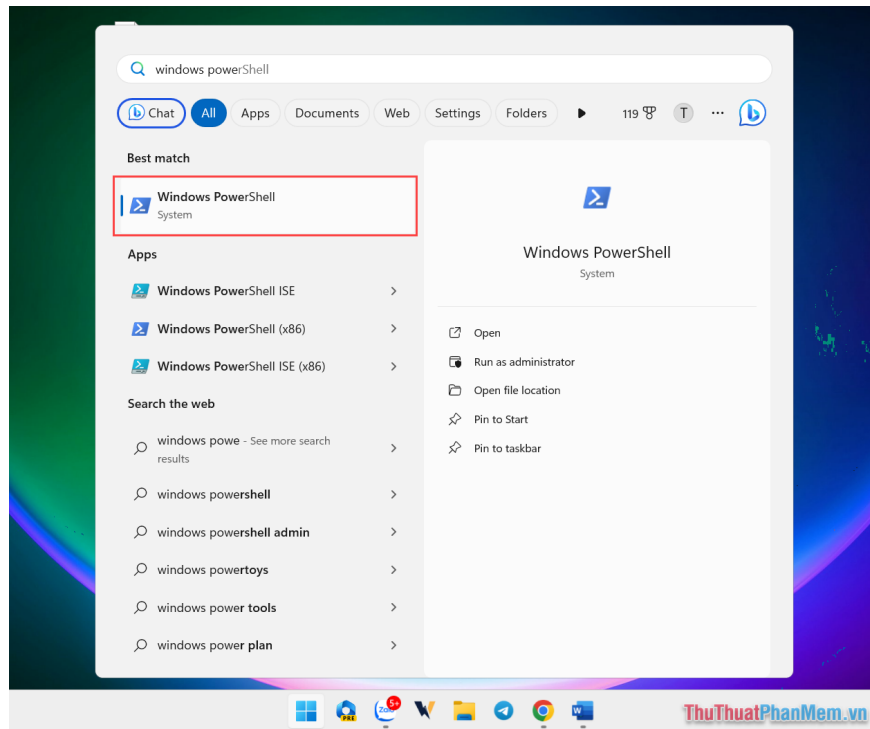
II. How to use Windows PowerShell

Windows PowerShell is built into the Windows operating system, so when you start the software you do not need to install any other tools. Besides, using Windows PowerShell fluently on your computer also helps you handle all problems quickly and effectively.

1. How to start Windows PowerShell

Step 1 : Open **Start** and enter Windows PowerShell.

Step 2 : Select **Open** to open or select **Run as administrator** to launch Windows PowerShell with Admin rights.



2. Common commands on Windows PowerShell

Windows PowerShell operates mainly based on commands, so you must remember basic and important commands to use quickly. Below are the most commonly used commands on Windows PowerShell today.

Command	For example	Action
Get-Process	Get-Process	View a list of processes running on the computer
Set-ExecutionPolicy	Set-ExecutionPolicy RemoteSigned	Set execution policy for PowerShell
New-Item	New-Item -Path C:\PathToNewFile.txt -ItemType File	Create a file or folder on the system
Remove-Item	Remove-Item -Path C:\PathToFile.txt	Delete a file or folder on the system
Get-ChildItem	Get-ChildItem -Path C:\PathToFolder	Lists all files and subfolders in a given folder
Move-Item	Move-Item -Path C:\PathToSourceFile.txt -Destination C:\PathToDestination	Move a file or folder to a preset location

Invoke-WebRequest	Invoke-WebRequest -Uri https://example.com/file.txt -OutFile C:PathToSaveFile.txt	Download files from a provided URL
Export-Csv	Get-Process Export-Csv -Path C:PathToOutputProcesses.csv	Export data from Powershell to CSV file
Import-Csv	\$csvData = Import-Csv -Path C:PathToInputData.csv	Import data from CSV file into PowerShell
Get-Service	Get-Service	View all service status on the system

In this article, TipsMake shared with you about Windows PowerShell on Win computers. Have a nice day!

You finished reading the article "**What is Windows PowerShell? How to use Windows PowerShell**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.