

# Powershell Commands List

Command Name	Alias	Description	Type
Add-BitsFile	ac	Adds one or more files to an existing Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Add-Computer		Add the local computer to a domain or workgroup.	Cmdlet
Add-Content		Adds content to the specified items, such as adding words to a file.	Cmdlet
Add-History		Appends entries to the session history.	Cmdlet
Add-JobTrigger		Adds job triggers to scheduled jobs	Cmdlet
Add-Member		Adds custom properties and methods to an instance of a Windows PowerShell object.	Cmdlet
Add-PSSnapin		Adds one or more Windows PowerShell snap-ins to the current session.	Cmdlet
Add-Type	clc	Adds a Microsoft .NET Framework type (a class) to a Windows PowerShell session.	Cmdlet
Checkpoint-Computer		Creates a system restore point on the local computer.	Cmdlet
Clear-Content		Deletes the contents of an item, but does not delete the item.	Cmdlet
Clear-EventLog		Clears all entries from specified event logs on the local or remote computers.	Cmdlet
Clear-History		Deletes entries from the command history.	Cmdlet
Clear-Item		Clears the contents of an item, but does not delete the item.	Cmdlet
Clear-ItemProperty		Clears the value of a property but does not delete the property.	Cmdlet
Clear-Recyclebin	clv		Cmdlet
Clear-Variable		Deletes the value of a variable.	Cmdlet
Compare-Object		Compares two sets of objects.	Cmdlet
Complete-BitsTransfer		Completes a Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Complete-Transaction		Commits the active transaction.	Cmdlet
Compress-Archive		Creates a new archive, or zipped file, from specified files and folders.	Function
Configuration			Function
Connect-PSSession	cnsn	Reconnects to disconnected sessions	Cmdlet
Connect-WSMan		Connects to the WinRM service on a remote computer.	Cmdlet
Convert-Path		Converts a path from a Windows PowerShell path to a Windows PowerShell provider path.	Cmdlet
Convert-String			Cmdlet
ConvertFrom-Csv		Converts object properties in comma-separated value (CSV) format into CSV versions of the original objects.	Cmdlet
ConvertFrom-Json		Converts a JSON-formatted string to a custom object.	Cmdlet
ConvertFrom-SddlString			Function
ConvertFrom-SecureString	CFS	Converts a secure string into an encrypted standard string.	Cmdlet
ConvertFrom-String		Extracts and parses structured objects from string content.	Cmdlet
ConvertFrom-StringData		Converts a string containing one or more key and value pairs to a hash table.	Cmdlet
ConvertTo-Csv		Converts objects into a series of comma-separated value (CSV) variable-length strings.	Cmdlet
ConvertTo-Html		Converts Microsoft .NET Framework objects into HTML that can be displayed in a Web browser.	Cmdlet
ConvertTo-Json		Converts an object to a JSON-formatted string	Cmdlet
ConvertTo-SecureString		Converts encrypted standard strings to secure strings. It can also convert plain text to secure strings. It is used ...	Cmdlet
ConvertTo-Xml	copy, cp, cpi	Creates an XML-based representation of an object.	Cmdlet
Copy-Item		Copies an item from one location to another.	Cmdlet
Copy-ItemProperty		Copies a property and value from a specified location to another location.	Cmdlet
Debug-Job		Debugs a running background, remote, or Windows PowerShell Workflow job.	Cmdlet
Debug-Process		Debugs one or more processes running on the local computer.	Cmdlet
Debug-Runspace		Starts an interactive debugging session with a runspace.	Cmdlet
Disable-ComputerRestore		Disables the System Restore feature on the specified file system drive.	Cmdlet
Disable-DscDebug	dbp	Stops debugging of DSC resources.	Function
Disable-JobTrigger		Disables the job triggers of scheduled jobs	Cmdlet
Disable-NetworkSwitchEthernetPort		Disables an Ethernet port on a network switch.	Function
Disable-NetworkSwitchFeature		Disables features of a network switch.	Function
Disable-NetworkSwitchVlan		Disables a VLAN of a network switch.	Function
Disable-PSBreakpoint		Disables the breakpoints in the current console.	Cmdlet
Disable-PSRemoting		Prevents remote users from running commands on the local computer.	Cmdlet
Disable-PSSessionConfiguration	dnsn	Disables session configurations on the local computer.	Cmdlet
Disable-PSTrace			Function
Disable-PSWSManCombinedTrace			Function
Disable-RunspaceDebug		Disables debugging on one or more runspace, and releases any pending debugger stop.	Cmdlet
Disable-ScheduledJob		Disables a scheduled job	Cmdlet
Disable-WSManCredSSP		Disables Credential Security Support Provider (CredSSP) authentication on a client computer.	Cmdlet
Disable-WSManTrace			Function
Disconnect-PSSession		Disconnects from a session.	Cmdlet
Disconnect-WSMan		Disconnects the client from the WinRM service on a remote computer.	Cmdlet
Enable-ComputerRestore		Enables the System Restore feature on the specified file system drive.	Cmdlet
Enable-DscDebug		Start debugging of all DSC resources.	Function
Enable-JobTrigger		Enables the job triggers of scheduled jobs	Cmdlet

Enable-NetworkSwitchEthernetPort		Enables an Ethernet port on a network switch.	Function
Enable-NetworkSwitchFeature		Enables features of a network switch.	Function
Enable-NetworkSwitchVlan		Enables a VLAN for a network switch.	Function
Enable-PSBreakpoint	<i>ebp</i>	Enables the breakpoints in the current console.	Cmdlet
Enable-PSRemoting		Configures the computer to receive remote commands.	Cmdlet
Enable-PSSessionConfiguration		Enables the session configurations on the local computer.	Cmdlet
Enable-PSTrace			Function
Enable-PSWSManCombinedTrace			Function
Enable-RunspaceDebug		Enables debugging on runspaces where any breakpoint is preserved until a debugger is attached.	Cmdlet
Enable-ScheduledJob		Enables a scheduled job	Cmdlet
Enable-WSManCredSSP		Enables Credential Security Support Provider (CredSSP) authentication on a client or on a server computer.	Cmdlet
Enable-WSManTrace			Function
Enter-PSHostProcess		Connects to and enters into an interactive session with a local process.	Cmdlet
Enter-PSSession	<i>etsn</i>	Starts an interactive session with a remote computer.	Cmdlet
Exit-PSHostProcess		Closes an interactive session with a local process.	Cmdlet
Exit-PSSession	<i>exsn</i>	Ends an interactive session with a remote computer.	Cmdlet
Expand-Archive		Extracts files from a specified archive (zipped) file.	Function
Export-Alias	<i>epal</i>	Exports information about currently defined aliases to a file.	Cmdlet
Export-BinaryMiLog			Cmdlet
Export-Clixml		Creates an XML-based representation of an object or objects and stores it in a file.	Cmdlet
Export-Console		Exports the names of snap-ins in the current session to a console file.	Cmdlet
Export-Counter		The Export-Counter cmdlet takes PerformanceCounterSampleSet objects and exports them as counter log files.	Cmdlet
Export-Csv	<i>epcsv</i>	Converts objects into a series of comma-separated (CSV) strings and saves the strings in a CSV file.	Cmdlet
Export-FormatData		Saves formatting data from the current session in a formatting file.	Cmdlet
Export-ModuleMember		Specifies the module members that are exported.	Cmdlet
Export-ODataEndpointProxy		Generates a module that contains cmdlets to manage an OData endpoint.	Function
Export-PSSession	<i>epsn</i>	Imports commands from another session and saves them in a Windows PowerShell module.	Cmdlet
Find-DscResource		Finds a DSC resource.	Function
Find-Module		Finds modules from an online gallery that match specified criteria.	Function
Find-Package		Finds software packages in available package sources.	Cmdlet
Find-PackageProvider		Returns a list of Package Management package providers available for installation.	Cmdlet
Find-Script		Finds a script.	Function
ForEach-Object	<i>%, foreach</i>	Performs an operation against each item in a collection of input objects.	Cmdlet
Format-Custom	<i>fc</i>	Uses a customized view to format the output.	Cmdlet
Format-Hex	<i>fhx</i>		Function
Format-List	<i>fl</i>	Formats the output as a list of properties in which each property appears on a new line.	Cmdlet
Format-Table	<i>ft</i>	Formats the output as a table.	Cmdlet
Format-Wide	<i>fw</i>	Formats objects as a wide table that displays only one property of each object.	Cmdlet
Get-Acl		Gets the security descriptor for a resource, such as a file or registry key.	Cmdlet
Get-Alias	<i>gal</i>	Gets the aliases for the current session.	Cmdlet
Get-AppLockerFileInformation		Gets the AppLocker file information from a list of files or an event log.	Cmdlet
Get-AppLockerPolicy		Gets the local, effective, or domain AppLocker policy.	Cmdlet
Get-AuthenticodeSignature		Gets information about the Authenticode signature in a file.	Cmdlet
Get-BitsTransfer		Retrieves the associated BitsJob object for an existing Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Get-ChildItem	<i>dir, gci, ls</i>	Gets the items and child items in one or more specified locations.	Cmdlet
Get-CimAssociatedInstance		Retrieves the CIM instances that are connected to a specific CIM instance by an association.	Cmdlet
Get-CimClass		Gets a list of CIM classes in a specific namespace.	Cmdlet
Get-CimInstance		Gets the CIM instances of a class from a CIM server.	Cmdlet
Get-CimSession		Gets the CIM session objects from the current session.	Cmdlet
Get-Clipboard		Gets the current Windows clipboard entry.	Cmdlet
Get-CmsMessage		Gets content that has been encrypted by using the Cryptographic Message Syntax format.	Cmdlet
Get-Command	<i>gcm</i>	Gets all commands.	Cmdlet
Get-ComputerRestorePoint		Gets the restore points on the local computer.	Cmdlet
Get-Content	<i>cat, gc, type</i>	Gets the content of the item at the specified location.	Cmdlet
Get-ControlPanelItem		Gets control panel items.	Cmdlet
Get-Counter		Gets performance counter data from local and remote computers.	Cmdlet
Get-Credential		Gets a credential object based on a user name and password.	Cmdlet
Get-Culture		Gets the current culture set in the operating system.	Cmdlet
Get-Date		Gets the current date and time.	Cmdlet
Get-DscConfiguration		Gets the current configuration of the nodes.	Function
Get-DscConfigurationStatus		Retrieves data about completed configuration runs.	Function
Get-DscLocalConfigurationManager		Gets Local Configuration Manager settings and states for the node.	Function
Get-DscResource		Gets the DSC resources present on the computer.	Function
Get-Event		Gets the events in the event queue.	Cmdlet
Get-EventLog		Gets the events in an event log, or a list of the event logs, on the local or remote computers.	Cmdlet



Get-EventSubscriber		Gets the event subscribers in the current session.	Cmdlet
Get-ExecutionPolicy		Gets the execution policies for the current session.	Cmdlet
Get-FileHash			Function
Get-FormatData		Gets the formatting data in the current session.	Cmdlet
Get-Help		Displays information about Windows PowerShell commands and concepts.	Cmdlet
Get-History	<i>ghy, h, history</i>	Gets a list of the commands entered during the current session.	Cmdlet
Get-Host		Gets an object that represents the current host program.	Cmdlet
Get-HotFix		Gets the hotfixes that have been applied to the local and remote computers.	Cmdlet
Get-InstalledModule		Gets installed modules on a computer.	Function
Get-InstalledScript		Gets an installed script.	Function
Get-IseSnippet			Function
Get-Item	<i>gi</i>	Gets the item at the specified location.	Cmdlet
Get-ItemProperty	<i>gp</i>	Gets the properties of a specified item.	Cmdlet
Get-ItemPropertyValue	<i>gpv</i>	Gets the value for one or more properties of a specified item.	Cmdlet
Get-Job	<i>gjb</i>	Gets Windows PowerShell background jobs that are running in the current session.	Cmdlet
Get-JobTrigger		Gets the job triggers of scheduled jobs.	Cmdlet
Get-Location	<i>gl, pwd</i>	Gets information about the current working location or a location stack.	Cmdlet
Get-LogProperties			Function
Get-Member	<i>gm</i>	Gets the properties and methods of objects.	Cmdlet
Get-Module	<i>gmo</i>	Gets the modules that have been imported or that can be imported into the current session.	Cmdlet
Get-NetworkSwitchEthernetPort		Gets port information for a network switch.	Function
Get-NetworkSwitchFeature			Function
Get-NetworkSwitchGlobalData		Gets global data of a network switch.	Function
Get-NetworkSwitchVlan		Gets VLANs for a network switch.	Function
Get-PSBreakpoint	<i>gbp</i>	Gets the breakpoints that are set in the current session.	Cmdlet
Get-PSCallStack	<i>gcs</i>	Displays the current call stack.	Cmdlet
Get-PSDrive	<i>gdr</i>	Gets drives in the current session.	Cmdlet
Get-PSHostProcessInfo			Cmdlet
Get-PSProvider		Gets information about the specified Windows PowerShell provider.	Cmdlet
Get-PSRepository		Gets PowerShell repositories.	Function
Get-PSSession	<i>gsn</i>	Gets the Windows PowerShell sessions on local and remote computers.	Cmdlet
Get-PSSessionCapability		Gets the capabilities of a specific user on a constrained session configuration.	Cmdlet
Get-PSSessionConfiguration		Gets the registered session configurations on the computer.	Cmdlet
Get-PSSnapin		Gets the Windows PowerShell snap-ins on the computer.	Cmdlet
Get-Package		Returns a list of all software packages that have been installed by using Package Management.	Cmdlet
Get-PackageProvider		Returns a list of package providers that are connected to Package Management.	Cmdlet
Get-PackageSource		Gets a list of package sources that are registered for a package provider.	Cmdlet
Get-PfxCertificate		Gets information about .pfx certificate files on the computer.	Cmdlet
Get-Process	<i>gps, ps</i>	Gets the processes that are running on the local computer or a remote computer.	Cmdlet
Get-Random		Gets a random number, or selects objects randomly from a collection.	Cmdlet
Get-Runspace		Gets active runspace within a Windows PowerShell host process.	Cmdlet
Get-RunspaceDebug		Shows runspace debugging options.	Cmdlet
Get-ScheduledJob		Gets scheduled jobs on the local computer.	Cmdlet
Get-ScheduledJobOption		Gets the job options of scheduled jobs.	Cmdlet
Get-Service	<i>gsv</i>	Gets the services on a local or remote computer.	Cmdlet
Get-TraceSource		Gets the Windows PowerShell components that are instrumented for tracing.	Cmdlet
Get-Transaction		Gets the current (active) transaction.	Cmdlet
Get-TroubleshootingPack		Gets information about a troubleshooting pack and can generate an answer file.	Cmdlet
Get-TypeData		Gets the extended type data in the current session.	Cmdlet
Get-UiCulture		Gets the current user interface (UI) culture settings in the operating system.	Cmdlet
Get-Unique	<i>gu</i>	Returns unique items from a sorted list.	Cmdlet
Get-Variable	<i>gv</i>	Gets the variables in the current console.	Cmdlet
Get-WSManCredSSP		Gets the Credential Security Support Provider-related configuration for the client.	Cmdlet
Get-WSManInstance		Displays management information for a resource instance specified by a Resource URI.	Cmdlet
Get-WinEvent		Gets events from event logs and event tracing log files on local and remote computers.	Cmdlet
Get-WmiObject	<i>gwmi</i>	Gets instances of WMI classes or information about the available classes.	Cmdlet
Group-Object	<i>group</i>	Groups objects that contain the same value for specified properties.	Cmdlet
Import-Alias	<i>ipal</i>	Imports an alias list from a file.	Cmdlet
Import-BinaryMiLog			Cmdlet
Import-Clixml		Imports a CLIXML file and creates corresponding objects within Windows PowerShell.	Cmdlet
Import-Counter		Imports performance counter log files (.blg, .csv, .tsv) and creates the objects that represent each counter sample ...	Cmdlet
Import-Csv	<i>ipcsv</i>	Creates table-like custom objects from the items in a CSV file.	Cmdlet
Import-IseSnippet			Function
Import-LocalizedData		Imports language-specific data into scripts and functions based on the UI culture that is selected for the operating...	Cmdlet

Import-Module	<i>ipmo</i>	Adds modules to the current session.	Cmdlet
Import-PSSession	<i>ipsn</i>	Imports commands from another session into the current session.	Cmdlet
Import-PackageProvider		Adds Package Management package providers to the current session.	Cmdlet
Import-PowerShellDataFile			Function
Install-Module		Downloads one or more modules from an online gallery, and installs them on the local computer.	Function
Install-Package		Installs one or more software packages.	Cmdlet
Install-PackageProvider		Installs one or more Package Management package providers.	Cmdlet
Install-Script		Installs a script.	Function
Invoke-AsWorkflow		Runs a command or expression as a Windows PowerShell Workflow.	Function
Invoke-CimMethod		Invokes a method of a CIM class.	Cmdlet
Invoke-Command	<i>icm</i>	Runs commands on local and remote computers.	Cmdlet
Invoke-DscResource		Runs a method of a specified DSC resource.	Cmdlet
Invoke-Expression	<i>iex</i>	Runs commands or expressions on the local computer.	Cmdlet
Invoke-History	<i>ihy, r</i>	Runs commands from the session history.	Cmdlet
Invoke-Item	<i>ii</i>	Performs the default action on the specified item.	Cmdlet
Invoke-RestMethod	<i>irm</i>	Sends an HTTP or HTTPS request to a RESTful web service.	Cmdlet
Invoke-TroubleshootingPack		Executes a troubleshooting pack in interactive or unattended mode to fix a problem, and then generates a results rep...	Cmdlet
Invoke-WSManAction		Invokes an action on the object that is specified by the Resource URI and by the selectors.	Cmdlet
Invoke-WebRequest	<i>curl, iwr, wget</i>	Gets content from a web page on the Internet.	Cmdlet
Invoke-WmiMethod		Calls WMI methods.	Cmdlet
Join-Path		Combines a path and a child path into a single path.	Cmdlet
Limit-EventLog		Sets the event log properties that limit the size of the event log and the age of its entries.	Cmdlet
Measure-Command		Measures the time it takes to run script blocks and cmdlets.	Cmdlet
Measure-Object	<i>measure</i>	Calculates the numeric properties of objects, and the characters, words, and lines in string objects, such as files ...	Cmdlet
Move-Item	<i>mi, move, mv</i>	Moves an item from one location to another.	Cmdlet
Move-ItemProperty	<i>mp</i>	Moves a property from one location to another.	Cmdlet
New-Alias	<i>nal</i>	Creates a new alias.	Cmdlet
New-AppLockerPolicy		Creates a new AppLocker policy from a list of file information and other rule-creation options.	Cmdlet
New-CimInstance		Creates a CIM instance.	Cmdlet
New-CimSession		Creates a CIM session.	Cmdlet
New-CimSessionOption		Specifies advanced options for the New-CimSession cmdlet.	Cmdlet
New-DscChecksum		Creates checksum files for Desired State Configuration documents and Desired State Configuration resources.	Function
New-Event		Creates a new event.	Cmdlet
New-EventLog		Creates a new event log and a new event source on a local or remote computer.	Cmdlet
New-Guid			Function
New-IsseSnippet			Function
New-Item	<i>ni</i>	Creates a new item.	Cmdlet
New-ItemProperty		Creates a new property for an item and sets its value.	Cmdlet
New-JobTrigger		Creates a job trigger for a scheduled job	Cmdlet
New-Module	<i>nmo</i>	Creates a new dynamic module that exists only in memory.	Cmdlet
New-ModuleManifest		Creates a new module manifest.	Cmdlet
New-NetworkSwitchVlan		Creates a VLAN for a network switch.	Function
New-Object		Creates an instance of a Microsoft .NET Framework or COM object.	Cmdlet
New-PSDrive	<i>mount, ndr</i>	Creates temporary and persistent mapped network drives.	Cmdlet
New-PSRoleCapabilityFile		Creates a file that defines a set of capabilities to be exposed through a session configuration.	Cmdlet
New-PSSession	<i>nsn</i>	Creates a persistent connection to a local or remote computer.	Cmdlet
New-PSSessionConfigurationFile	<i>npssc</i>	Creates a file that defines a session configuration.	Cmdlet
New-PSSessionOption		Creates an object that contains advanced options for a PSSession.	Cmdlet
New-PSTransportOption		Creates an object that contains advanced options for a session configuration.	Cmdlet
New-PSWorkflowExecutionOption		Creates an object that contains session configuration options for workflow sessions.	Cmdlet
New-PSWorkflowSession		Creates a workflow session.	Function
New-ScheduledJobOption		Creates an object that contains advanced options for a scheduled job.	Cmdlet
New-ScriptFileInfo		Creates a script file with metadata.	Function
New-Service		Creates a new Windows service.	Cmdlet
New-TemporaryFile			Function
New-TimeSpan		Creates a TimeSpan object.	Cmdlet
New-Variable	<i>nv</i>	Creates a new variable.	Cmdlet
New-WSManInstance		Creates a new instance of a management resource.	Cmdlet
New-WSManSessionOption		Creates a WS-Management session option hash table to use as input parameters to the following WS-Management cmdlets:...	Cmdlet
New-WebServiceProxy		Creates a Web service proxy object that lets you use and manage the Web service in Windows PowerShell.	Cmdlet
New-WinEvent		Creates a new Windows event for the specified event provider.	Cmdlet
Out-Default		Sends the output to the default formatter and to the default output cmdlet.	Cmdlet
Out-File		Sends output to a file.	Cmdlet



Out-GridView	<i>ogv</i>	Sends output to an interactive table in a separate window.	Cmdlet
Out-Host	<i>oh</i>	Sends output to the command line.	Cmdlet
Out-Null		Deletes output instead of sending it down the pipeline.	Cmdlet
Out-Printer	<i>lp</i>	Sends output to a printer.	Cmdlet
Out-String		Sends objects to the host as a series of strings.	Cmdlet
Pop-Location	<i>popd</i>	Changes the current location to the location most recently pushed onto the stack.	Cmdlet
Protect-CmsMessage		Encrypts content by using the Cryptographic Message Syntax format.	Cmdlet
Publish-DscConfiguration		Publishes a DSC configuration to a set of machines, but does not apply it.	Cmdlet
Publish-Module		Publishes a specified module from the local computer to an online gallery.	Function
Publish-Script		Publishes a script.	Function
Push-Location	<i>pushd</i>	Adds the current location to the top of a location stack.	Cmdlet
Read-Host		Reads a line of input from the console.	Cmdlet
Receive-Job	<i>rcjb</i>	Gets the results of the Windows PowerShell background jobs in the current session.	Cmdlet
Receive-PSSession	<i>rdsn</i>	Gets results of commands in disconnected sessions	Cmdlet
Register-ArgumentCompleter		Subscribes to indications using a filter expression or a query expression.	Cmdlet
Register-CimIndicationEvent		Subscribes to events that are generated by the Windows PowerShell engine and by the New-Event cmdlet.	Cmdlet
Register-EngineEvent		Subscribes to the events that are generated by a Microsoft .NET Framework object.	Cmdlet
Register-ObjectEvent		Registers a PowerShell repository.	Function
Register-PSRepository		Creates and registers a new session configuration.	Cmdlet
Register-PSSessionConfiguration		Adds a package source for a specified package provider.	Cmdlet
Register-PackageSource		Creates a new scheduled job.	Cmdlet
Register-ScheduledJob		Subscribes to a Windows Management Instrumentation (WMI) event.	Cmdlet
Register-WmiEvent		Cancels a Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Remove-BitsTransfer		Removes a CIM instance from a computer.	Cmdlet
Remove-CimInstance		Removes one or more CIM sessions.	Cmdlet
Remove-CimSession		Removes the local computer from its domain.	Cmdlet
Remove-Computer		Removes a configuration document from the DSC configuration store.	Function
Remove-DscConfigurationDocument		Deletes events from the event queue.	Cmdlet
Remove-Event		Deletes an event log or unregisters an event source.	Cmdlet
Remove-EventLog		Deletes the specified items.	Cmdlet
Remove-Item	<i>del, erase, rd, ri, rm, rmdir</i>	Deletes the property and its value from an item.	Cmdlet
Remove-ItemProperty	<i>rp</i>	Deletes a Windows PowerShell background job.	Cmdlet
Remove-Job	<i>rjb</i>	Delete job triggers from scheduled jobs	Cmdlet
Remove-JobTrigger		Removes modules from the current session.	Cmdlet
Remove-Module	<i>rmo</i>	Removes an IP address from a port of a network switch.	Function
Remove-NetworkSwitchEthernetPortIPAddress		Removes network switch VLANs.	Function
Remove-NetworkSwitchVlan		Deletes breakpoints from the current console.	Cmdlet
Remove-PSBreakpoint	<i>rbp</i>	Deletes temporary Windows PowerShell drives and disconnects mapped network drives.	Cmdlet
Remove-PSDrive	<i>rdr</i>	Closes one or more Windows PowerShell sessions (PSSessions).	Cmdlet
Remove-PSSession	<i>rsn</i>	Removes Windows PowerShell snap-ins from the current session.	Cmdlet
Remove-PSSnapin	<i>rsnp</i>	Deletes extended types from the current session	Cmdlet
Remove-TypeData		Deletes a variable and its value.	Cmdlet
Remove-Variable	<i>rv</i>	Deletes a management resource instance.	Cmdlet
Remove-WSManInstance		Deletes an instance of an existing Windows Management Instrumentation (WMI) class.	Cmdlet
Remove-WmiObject		Renames a computer.	Cmdlet
Rename-Computer		Renames an item in a Windows PowerShell provider namespace.	Cmdlet
Rename-Item	<i>ren, rni</i>	Renames a property of an item.	Cmdlet
Rename-ItemProperty	<i>mp</i>	Resets the machine account password for the computer.	Cmdlet
Reset-ComputerMachinePassword		Resolves the wildcard characters in a path, and displays the path contents.	Cmdlet
Resolve-Path	<i>rvpa</i>	Restarts ("reboots") the operating system on local and remote computers.	Cmdlet
Restart-Computer		Stops and then starts one or more services.	Cmdlet
Restart-Service		Starts a system restore on the local computer.	Cmdlet
Restore-Computer		Reapplies the previous configuration for the node.	Function
Restore-DscConfiguration		Restores configuration for a network switch.	Function
Restore-NetworkSwitchConfiguration		Resumes a Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Resume-BitsTransfer		Restarts a suspended job	Cmdlet
Resume-Job	<i>rujb</i>	Resumes one or more suspended (paused) services.	Cmdlet
Resume-Service		Downloads and saves the newest help files to a file system directory.	Cmdlet
Save-Help		Saves a module locally without installing it.	Function
Save-Module		Saves configuration for starting a network switch.	Function
Save-NetworkSwitchConfiguration		Saves packages to the local computer without installing them.	Cmdlet
Save-Package		Saves a script.	Function
Save-Script		Selects objects or object properties.	Cmdlet
Select-Object	<i>select</i>	Finds text in strings and files.	Cmdlet
Select-String	<i>s/s</i>	Finds text in an XML string or document.	Cmdlet
Select-Xml		Sends an e-mail message.	Cmdlet
Send-MailMessage		Changes the security descriptor of a specified item, such as a file or a registry key.	Cmdlet
Set-Acl			

Set-Alias	<i>sal</i>	Creates or changes an alias (alternate name) for a cmdlet or other command element in the current Windows PowerShell...	Cmdlet
Set-AppLockerPolicy		Sets the AppLocker policy for the specified Group Policy object (GPO).	Cmdlet
Set-AuthenticodeSignature		Adds an Authenticode signature to a Windows PowerShell script or other file.	Cmdlet
Set-BitsTransfer		Modifies the properties of an existing Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Set-CimInstance		Modifies a CIM instance on a CIM server by calling the ModifyInstance method of the CIM class..	Cmdlet
Set-Clipboard		Sets the current Windows clipboard entry.	Cmdlet
Set-Content	<i>sc</i>	Writes or replaces the content in an item with new content.	Cmdlet
Set-Date		Changes the system time on the computer to a time that you specify.	Cmdlet
Set-DscLocalConfigurationManager		Applies Local Configuration Manager settings to nodes.	Cmdlet
Set-ExecutionPolicy		Changes the user preference for the Windows PowerShell execution policy.	Cmdlet
Set-Item	<i>si</i>	Changes the value of an item to the value specified in the command.	Cmdlet
Set-ItemProperty	<i>sp</i>	Creates or changes the value of a property of an item.	Cmdlet
Set-JobTrigger		Changes the job trigger of a scheduled job.	Cmdlet
Set-Location	<i>cd, chdir, sl</i>	Sets the current working location to a specified location.	Cmdlet
Set-LogProperties			Function
Set-NetworkSwitchEthernetPortIPAddress		Sets the IP address on a port on a network switch.	Function
Set-NetworkSwitchPortMode		Sets the port mode on a network switch.	Function
Set-NetworkSwitchPortProperty		Sets the port properties for a network switch.	Function
Set-NetworkSwitchVlanProperty		Modifies properties on a VLAN on a network switch.	Function
Set-PSBreakpoint	<i>sbp</i>	Sets a breakpoint on a line, command, or variable.	Cmdlet
Set-PSDebug		Turns script debugging features on and off, sets the trace level, and toggles strict mode.	Cmdlet
Set-PSRepository		Sets values for a registered repository.	Function
Set-PSSessionConfiguration		Changes the properties of a registered session configuration.	Cmdlet
Set-PackageSource		Replaces a package source for a specified package provider.	Cmdlet
Set-ScheduledJob		Changes scheduled jobs	Cmdlet
Set-ScheduledJobOption		Changes the job options of a scheduled job.	Cmdlet
Set-Service		Starts, stops, and suspends a service, and changes its properties.	Cmdlet
Set-StrictMode		Establishes and enforces coding rules in expressions, scripts, and script blocks.	Cmdlet
Set-TraceSource		Configures, starts, and stops a trace of Windows PowerShell components.	Cmdlet
Set-Variable	<i>set, sv</i>	Sets the value of a variable. Creates the variable if one with the requested name does not exist.	Cmdlet
Set-WSManInstance		Modifies the management information that is related to a resource.	Cmdlet
Set-WSManQuickConfig		Configures the local computer for remote management.	Cmdlet
Set-WmiInstance		Creates or updates an instance of an existing Windows Management Instrumentation (WMI) class.	Cmdlet
Show-Command	<i>shcm</i>	Creates Windows PowerShell commands in a graphical command window.	Cmdlet
Show-ControlPanelItem		Opens control panel items.	Cmdlet
Show-EventLog		Displays the event logs of the local or a remote computer in Event Viewer.	Cmdlet
Sort-Object	<i>sort</i>	Sorts objects by property values.	Cmdlet
Split-Path		Returns the specified part of a path.	Cmdlet
Start-BitsTransfer		Creates a new Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Start-DscConfiguration		Applies configuration to nodes.	Cmdlet
Start-Job	<i>sajb</i>	Starts a Windows PowerShell background job.	Cmdlet
Start-Process	<i>saps, start</i>	Starts one or more processes on the local computer.	Cmdlet
Start-Service	<i>sasv</i>	Starts one or more stopped services.	Cmdlet
Start-Sleep	<i>sleep</i>	Suspends the activity in a script or session for the specified period of time.	Cmdlet
Start-Trace			Function
Start-Transaction		Starts a transaction.	Cmdlet
Start-Transcript		Creates a record of all or part of a Windows PowerShell session in a text file.	Cmdlet
Stop-Computer		Stops (shuts down) local and remote computers.	Cmdlet
Stop-DscConfiguration		Stops a running configuration.	Function
Stop-Job	<i>spjb</i>	Stops a Windows PowerShell background job.	Cmdlet
Stop-Process	<i>kill, spps</i>	Stops one or more running processes.	Cmdlet
Stop-Service	<i>spsv</i>	Stops one or more running services.	Cmdlet
Stop-Trace			Function
Stop-Transcript		Stops a transcript.	Cmdlet
Suspend-BitsTransfer		Suspends a Background Intelligent Transfer Service (BITS) transfer job.	Cmdlet
Suspend-Job	<i>subj</i>	Temporarily stops workflow jobs.	Cmdlet
Suspend-Service		Suspends (pauses) one or more running services.	Cmdlet
Tee-Object	<i>tee</i>	Saves command output in a file or variable and also sends it down the pipeline.	Cmdlet
Test-AppLockerPolicy		Tests whether the input files are allowed to run for a given user based on the specified AppLocker policy.	Cmdlet
Test-ComputerSecureChannel		Tests and repairs the secure channel between the local computer and its domain.	Cmdlet
Test-Connection		Sends ICMP echo request packets (“pings”) to one or more computers.	Cmdlet
Test-DscConfiguration		Tests whether the actual configuration on the nodes matches the desired configuration.	Cmdlet
Test-ModuleManifest		Verifies that a module manifest file accurately describes the contents of a module.	Cmdlet
Test-PSSessionConfigurationFile		Verifies the keys and values in a session configuration	Cmdlet

Test-Path		Determines whether all elements of a path exist.	Cmdlet
Test-ScriptFileInfo		Validates a comment block for a script.	Function
Test-WSMan		Tests whether the WinRM service is running on a local or remote computer.	Cmdlet
Trace-Command	<i>trcm</i>	Configures and starts a trace of the specified expression or command.	Cmdlet
Unblock-File		Unblocks files that were downloaded from the Internet.	Cmdlet
Undo-Transaction		Rolls back the active transaction.	Cmdlet
Uninstall-Module		Uninstalls a module.	Function
Uninstall-Package		Uninstalls one or more software packages.	Cmdlet
Uninstall-Script		Uninstalls a script file.	Function
Unprotect-CmsMessage		Decrypts content that has been encrypted by using the Cryptographic Message Syntax format.	Cmdlet
Unregister-Event		Cancels an event subscription.	Cmdlet
Unregister-PSRepository		Unregisters a repository.	Function
Unregister-PSSessionConfiguration		Deletes registered session configurations from the computer.	Cmdlet
Unregister-PackageSource		Removes a registered package source.	Cmdlet
Unregister-ScheduledJob		Deletes scheduled jobs on the local computer.	Cmdlet
Update-DscConfiguration		Checks the pull server for an updated configuration and applies it.	Function
Update-DscConfiguration		Checks the pull server for an updated configuration and applies it.	Cmdlet
Update-FormatData		Updates the formatting data in the current session.	Cmdlet
Update-Help		Downloads and installs the newest help files on your computer.	Cmdlet
Update-List		Adds items to and removes items from a property value that contains a collection of objects.	Cmdlet
Update-Module		Downloads and installs the newest version of specified modules from an online gallery to the local computer.	Function
Update-ModuleManifest		Updates a module manifest file.	Function
Update-Script		Updates a script.	Function
Update-ScriptFileInfo		Updates information for a script.	Function
Update-TypeData		Updates the extended type data in the session.	Cmdlet
Use-Transaction		Adds the script block to the active transaction.	Cmdlet
Wait-Debugger		Stops a script in the debugger before running the next statement in the script.	Cmdlet
Wait-Event		Waits until a particular event is raised before continuing to run.	Cmdlet
Wait-Job	<i>wjb</i>	Suppresses the command prompt until one or all of the Windows PowerShell background jobs running in the session are ...	Cmdlet
Wait-Process		Waits for the processes to be stopped before accepting more input.	Cmdlet
Where-Object	<i>?, where</i>	Selects objects from a collection based on their property values.	Cmdlet
Write-Debug		Writes a debug message to the console.	Cmdlet
Write-Error		Writes an object to the error stream.	Cmdlet
Write-EventLog		Writes an event to an event log.	Cmdlet
Write-Host		Writes customized output to a host.	Cmdlet
Write-Information		Specifies how Windows PowerShell handles information stream data for a command.	Cmdlet
Write-Output	<i>echo, write</i>	Sends the specified objects to the next command in the pipeline. If the command is the last command in the pipeline,...	Cmdlet
Write-Progress		Displays a progress bar within a Windows PowerShell command window.	Cmdlet
Write-Verbose		Writes text to the verbose message stream.	Cmdlet
Write-Warning		Writes a warning message.	Cmdlet