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| **Command alias** | **Cmdlet name** | **Description of command** |
| % | ForEach-Object | Performs an operation against each item in a collection of input objects. |
| ? | Where-Object | Selects objects from a collection based on their property values. |
| ac | Add-Content | Appends content, such as words or data, to a file. |
| asnp | Add-PSSnapIn | Adds one or more Windows PowerShell snap-ins to the current session. |
| cat | Get-Content | Gets the contents of a file. |
| cd | Set-Location | Sets the current working location to a specified location. |
| chdir | Set-Location | Sets the current working location to a specified location. |
| clc | Clear-Content | Deletes the contents of an item, but does not delete the item. |
| clear | Clear-Host | Clears the display in the host program. |
| clhy | Clear-History | Deletes entries from the command history. |
| cli | Clear-Item | Deletes the contents of an item, but does not delete the item. |
| clp | Clear-ItemProperty | Deletes the value of a property but does not delete the property. |
| cls | Clear-Host | Clears the display in the host program. |
| clv | Clear-Variable | Deletes the value of a variable. |
| cnsn | Connect-PSSession | Reconnects to disconnected sessions |
| compare | Compare-Object | Compares two sets of objects. |
| copy | Copy-Item | Copies an item from one location to another. |
| cp | Copy-Item | Copies an item from one location to another. |
| cpi | Copy-Item | Copies an item from one location to another. |
| cpp | Copy-ItemProperty | Copies a property and value from a specified location to another location. |
| curl | Invoke-WebRequest | Gets content from a webpage on the Internet. |
| cvpa | Convert-Path | Converts a path from a Windows PowerShell path to a Windows PowerShell provider path. |
| dbp | Disable-PSBreakpoint | Disables the breakpoints in the current console. |
| del | Remove-Item | Deletes files and folders. |
| diff | Compare-Object | Compares two sets of objects. |
| dir | Get-ChildItem | Gets the files and folders in a file system drive. |
| dnsn | Disconnect-PSSession | Disconnects from a session. |
| ebp | Enable-PSBreakpoint | Enables the breakpoints in the current console. |
| echo | Write-Output | Sends the specified objects to the next command in the pipeline. If the command is the last command in the pipeline, the objects are displayed in the console. |
| epal | Export-Alias | Exports information about currently defined aliases to a file. |
| epcsv | Export-Csv | Converts objects into a series of comma-separated (CSV) strings and saves the strings in a CSV file. |
| epsn | Export-PSSession | Imports commands from another session and saves them in a Windows PowerShell module. |
| erase | Remove-Item | Deletes files and folders. |
| etsn | Enter-PSSession | Starts an interactive session with a remote computer. |
| exsn | Exit-PSSession | Ends an interactive session with a remote computer. |
| fc | Format-Custom | Uses a customized view to format the output. |
| fl | Format-List | Formats the output as a list of properties in which each property appears on a new line. |
| foreach | ForEach-Object | Performs an operation against each item in a collection of input objects. |
| ft | Format-Table | Formats the output as a table. |
| fw | Format-Wide | Formats objects as a wide table that displays only one property of each object. |
| gal | Get-Alias | Gets the aliases for the current session. |
| gbp | Get-PSBreakpoint | Gets the breakpoints that are set in the current session. |
| gc | Get-Content | Gets the contents of a file. |
| gci | Get-ChildItem | Gets the files and folders in a file system drive. |
| gcm | Get-Command | Gets all commands. |
| gcs | Get-PSCallStack | Displays the current call stack. |
| gdr | Get-PSDrive | Gets drives in the current session. |
| ghy | Get-History | Gets a list of the commands entered during the current session. |
| gi | Get-Item | Gets files and folders. |
| gjb | Get-Job | Gets Windows PowerShell background jobs that are running in the current session. |
| gl | Get-Location | Gets information about the current working location or a location stack. |
| gm | Get-Member | Gets the properties and methods of objects. |
| gmo | Get-Module | Gets the modules that have been imported or that can be imported into the current session. |
| gp | Get-ItemProperty | Gets the properties of a specified item. |
| gps | Get-Process | Gets the processes that are running on the local computer or a remote computer. |
| group | Group-Object | Groups objects that contain the same value for specified properties. |
| gsn | Get-PSSession | Gets the Windows PowerShell sessions on local and remote computers. |
| gsnp | Get-PSSnapIn | Gets the Windows PowerShell snap-ins on the computer. |
| gsv | Get-Service | Gets the services on a local or remote computer. |
| gu | Get-Unique | Returns unique items from a sorted list. |
| gv | Get-Variable | Gets the variables in the current console. |
| gwmi | Get-WmiObject | Gets instances of Windows Management Instrumentation (WMI) classes or information about the available classes. |
| h | Get-History | Gets a list of the commands entered during the current session. |
| history | Get-History | Gets a list of the commands entered during the current session. |
| icm | Invoke-Command | Runs commands on local and remote computers. |
| iex | Invoke-Expression | Runs commands or expressions on the local computer. |
| ihy | Invoke-History | Runs commands from the session history. |
| ii | Invoke-Item | Performs the default action on the specified item. |
| ipal | Import-Alias | Imports an alias list from a file. |
| ipcsv | Import-Csv | Creates table-like custom objects from the items in a CSV file. |
| ipmo | Import-Module | Adds modules to the current session. |
| ipsn | Import-PSSession | Imports commands from another session into the current session. |
| irm | Invoke-RestMethod | Sends an HTTP or HTTPS request to a RESTful web service. |
| ise | powershell\_ise.exe | Explains how to use the PowerShell\_ISE.exe command-line tool. |
| iwmi | Invoke-WMIMethod | Calls Windows Management Instrumentation (WMI) methods. |
| iwr | Invoke-WebRequest | Gets content from a web page on the Internet. |
| kill | Stop-Process | Stops one or more running processes. |
| lp | Out-Printer | Sends output to a printer. |
| ls | Get-ChildItem | Gets the files and folders in a file system drive. |
| man | help | Displays information about Windows PowerShell commands and concepts. |
| md | mkdir | Creates a new item. |
| measure | Measure-Object | Calculates the numeric properties of objects, and the characters, words, and lines in string objects, such as files of text. |
| mi | Move-Item | Moves an item from one location to another. |
| mount | New-PSDrive | Creates temporary and persistent mapped network drives. |
| move | Move-Item | Moves an item from one location to another. |
| mp | Move-ItemProperty | Moves a property from one location to another. |
| mv | Move-Item | Moves an item from one location to another. |
| nal | New-Alias | Creates a new alias. |
| ndr | New-PSDrive | Creates temporary and persistent mapped network drives. |
| ni | New-Item | Creates a new item. |
| nmo | New-Module | Creates a new dynamic module that exists only in memory. |
| npssc | New-PSSessionConfigurationFile | Creates a file that defines a session configuration. |
| nsn | New-PSSession | Creates a persistent connection to a local or remote computer. |
| nv | New-Variable | Creates a new variable. |
| ogv | Out-GridView | Sends output to an interactive table in a separate window. |
| oh | Out-Host | Sends output to the command line. |
| popd | Pop-Location | Changes the current location to the location most recently pushed to the stack. You can pop the location from the default stack or from a stack that you create by using the Push-Location cmdlet. |
| ps | Get-Process | Gets the processes that are running on the local computer or a remote computer. |
| pushd | Push-Location | Adds the current location to the top of a location stack. |
| pwd | Get-Location | Gets information about the current working location or a location stack. |
| r | Invoke-History | Runs commands from the session history. |
| rbp | Remove-PSBreakpoint | Deletes breakpoints from the current console. |
| rcjb | Receive-Job | Gets the results of the Windows PowerShell background jobs in the current session. |
| rcsn | Receive-PSSession | Gets results of commands in disconnected sessions. |
| rd | Remove-Item | Deletes files and folders. |
| rdr | Remove-PSDrive | Deletes temporary Windows PowerShell drives and disconnects mapped network drives. |
| ren | Rename-Item | Renames an item in a Windows PowerShell provider namespace. |
| ri | Remove-Item | Deletes files and folders. |
| rjb | Remove-Job | Deletes a Windows PowerShell background job. |
| rm | Remove-Item | Deletes files and folders. |
| rmdir | Remove-Item | Deletes files and folders. |
| rmo | Remove-Module | Removes modules from the current session. |
| rni | Rename-Item | Renames an item in a Windows PowerShell provider namespace. |
| rnp | Rename-ItemProperty | Renames a property of an item. |
| rp | Remove-ItemProperty | Deletes the property and its value from an item. |
| rsn | Remove-PSSession | Closes one or more Windows PowerShell sessions (PSSessions). |
| rsnp | Remove-PSSnapin | Removes Windows PowerShell snap-ins from the current session. |
| rujb | Resume-Job | Restarts a suspended job |
| rv | Remove-Variable | Deletes a variable and its value. |
| rvpa | Resolve-Path | Resolves the wildcard characters in a path, and displays the path contents. |
| rwmi | Remove-WMIObject | Deletes an instance of an existing Windows Management Instrumentation (WMI) class. |
| sajb | Start-Job | Starts a Windows PowerShell background job. |
| sal | Set-Alias | Creates or changes an alias (alternate name) for a cmdlet or other command element in the current Windows PowerShell session. |
| saps | Start-Process | Starts one or more processes on the local computer. |
| sasv | Start-Service | Starts one or more stopped services. |
| sbp | Set-PSBreakpoint | Sets a breakpoint on a line, command, or variable. |
| sc | Set-Content | Replaces the contents of a file with contents that you specify. |
| select | Select-Object | Selects objects or object properties. |
| set | Set-Variable | Sets the value of a variable. Creates the variable if one with the requested name does not exist. |
| shcm | Show-Command | Creates Windows PowerShell commands in a graphical command window. |
| si | Set-Item | Changes the value of an item to the value |