NameAliasDescription

Type

[Get-ChildItem](https://www.pdq.com/powershell/get-childitem/)dir, gci, ls

Gets the files and folders in a file system drive.

Cmdlet

[Invoke-Command](https://www.pdq.com/powershell/invoke-command/)icm

Runs commands on local and remote computers.

Cmdlet

[Import-Module](https://www.pdq.com/powershell/import-module/)ipmo

Adds modules to the current session.

Cmdlet

[Export-Csv](https://www.pdq.com/powershell/export-csv/)epcsv

Converts objects into a series of comma-separated (CSV) strings and saves the strings in a CSV file.

Cmdlet

[Write-Host](https://www.pdq.com/powershell/write-host/)

Writes customized output to a host.

Cmdlet

[Get-WmiObject](https://www.pdq.com/powershell/get-wmiobject/)gwmi

Gets instances of WMI classes or information about the available classes.

Cmdlet

[Get-Content](https://www.pdq.com/powershell/get-content/)cat, gc, type

Gets the contents of a file.

Cmdlet

[Get-Date](https://www.pdq.com/powershell/get-date/)

Gets the current date and time.

Cmdlet

[Invoke-WebRequest](https://www.pdq.com/powershell/invoke-webrequest/)curl, iwr, wget

Gets content from a web page on the Internet.

Cmdlet

[Start-Process](https://www.pdq.com/powershell/start-process/)saps, start

Starts one or more processes on the local computer.

Cmdlet

[Copy-Item](https://www.pdq.com/powershell/copy-item/)copy, cp, cpi

Copies an item from one location to another.

Cmdlet

[Set-ExecutionPolicy](https://www.pdq.com/powershell/set-executionpolicy/)

Changes the user preference for the Windows PowerShell execution policy.

Cmdlet

[Out-File](https://www.pdq.com/powershell/out-file/)

Sends output to a file.

Cmdlet

[Where-Object](https://www.pdq.com/powershell/where-object/)?, where

Selects objects from a collection based on their property values.

Cmdlet

[Import-Csv](https://www.pdq.com/powershell/import-csv/)ipcsv

Creates table-like custom objects from the items in a CSV file.

Cmdlet

[Send-MailMessage](https://www.pdq.com/powershell/send-mailmessage/)

Sends an email message.

Cmdlet

[New-Object](https://www.pdq.com/powershell/new-object/)

Creates an instance of a Microsoft .NET Framework or COM object.

Cmdlet

[Select-String](https://www.pdq.com/powershell/select-string/)sls

Finds text in strings and files.

Cmdlet

[Remove-Item](https://www.pdq.com/powershell/remove-item/)del, erase, rd, ri, rm, rmdir

Deletes files and folders.

Cmdlet

[Select-Object](https://www.pdq.com/powershell/select-object/)select

Selects objects or object properties.

Cmdlet

[Test-Path](https://www.pdq.com/powershell/test-path/)

Determines whether all elements of a file or directory path exist.

Cmdlet

[Invoke-RestMethod](https://www.pdq.com/powershell/invoke-restmethod/)irm

Sends an HTTP or HTTPS request to a RESTful web service.

Cmdlet

[Install-Package](https://www.pdq.com/powershell/install-package/)

Installs one or more software packages.

Cmdlet

[ForEach-Object](https://www.pdq.com/powershell/foreach-object/)%, foreach

Performs an operation against each item in a collection of input objects.

Cmdlet

[Write-Output](https://www.pdq.com/powershell/write-output/)echo, write

Sends the specified objects to the next command in the pipeline. If the command is the last command in thepipeline, the objects are displayed in the console.

Cmdlet

[Get-Process](https://www.pdq.com/powershell/get-process/)gps, ps

Gets the processes that are running on the local computer or a remote computer.

Cmdlet

[Get-Service](https://www.pdq.com/powershell/get-service/)gsv

Gets the services on a local or remote computer.

Cmdlet

[Format-Table](https://www.pdq.com/powershell/format-table/)ft

Formats the output as a table.

Cmdlet

[Test-Connection](https://www.pdq.com/powershell/test-connection/)

Sends ICMP echo request packets ("pings") to one or more computers.

Cmdlet

[New-Item](https://www.pdq.com/powershell/new-item/)ni

Creates a new item.

Cmdlet

[Get-EventLog](https://www.pdq.com/powershell/get-eventlog/)

Gets the events in an event log, or a list of the event logs, on the local or remote computers.

Cmdlet

[Get-WinEvent](https://www.pdq.com/powershell/get-winevent/)

Gets events from event logs and event tracing log files on local and remote computers.

Cmdlet

[Install-Module](https://www.pdq.com/powershell/install-module/)

Downloads one or more modules from an online gallery, and installs them on the local computer.

Function

[Enter-PSSession](https://www.pdq.com/powershell/enter-pssession/)etsn

Starts an interactive session with a remote computer.

Cmdlet

[Get-Credential](https://www.pdq.com/powershell/get-credential/)

Gets a credential object based on a user name and password.

Cmdlet

[Read-Host](https://www.pdq.com/powershell/read-host/)

Reads a line of input from the console.

Cmdlet

[Get-AppxPackage](https://www.pdq.com/powershell/get-appxpackage/)

Gets a list of the app packages that are installed in a user profile.

Cmdlet

[Get-Acl](https://www.pdq.com/powershell/get-acl/)

Gets the security descriptor for a resource, such as a file or registry key.

Cmdlet

[Get-Help](https://www.pdq.com/powershell/get-help/)

Displays information about Windows PowerShell commands and concepts.

Cmdlet

[Start-Job](https://www.pdq.com/powershell/start-job/)sajb

Starts a Windows PowerShell background job.

Cmdlet

[Add-PSSnapin](https://www.pdq.com/powershell/add-pssnapin/)

Adds one or more Windows PowerShell snap-ins to the current session.

Cmdlet

[New-PSSession](https://www.pdq.com/powershell/new-pssession/)nsn

Creates a persistent connection to a local or remote computer.

Cmdlet

[Invoke-Expression](https://www.pdq.com/powershell/invoke-expression/)iex

Runs commands or expressions on the local computer.

Cmdlet

[Add-Content](https://www.pdq.com/powershell/add-content/)ac

Appends content, such as words or data, to a file.

Cmdlet

[New-PSDrive](https://www.pdq.com/powershell/new-psdrive/)mount, ndr

Creates temporary and persistent mapped network drives.

Cmdlet

[Move-Item](https://www.pdq.com/powershell/move-item/)mi, move, mv

Moves an item from one location to another.

Cmdlet

[Get-Item](https://www.pdq.com/powershell/get-item/)gi

Gets files and folders.

Cmdlet

[Compare-Object](https://www.pdq.com/powershell/compare-object/)compare, diff

Compares two sets of objects.

Cmdlet

[Sort-Object](https://www.pdq.com/powershell/sort-object/)sort

Sorts objects by property values.

Cmdlet

[Test-NetConnection](https://www.pdq.com/powershell/test-netconnection/)

Displays diagnostic information for a connection.

Function

[Set-Acl](https://www.pdq.com/powershell/set-acl/)

Changes the security descriptor of a specified item, such as a file or a registry key.

Cmdlet

[Set-Content](https://www.pdq.com/powershell/set-content/)sc

Replaces the contents of a file with contents that you specify.

Cmdlet

[Start-Transcript](https://www.pdq.com/powershell/start-transcript/)

Creates a record of all or part of a Windows PowerShell session to a text file.

Cmdlet

[Get-HotFix](https://www.pdq.com/powershell/get-hotfix/)

Gets the hotfixes that have been applied to the local and remote computers.

Cmdlet

[Get-ItemProperty](https://www.pdq.com/powershell/get-itemproperty/)gp

Gets the properties of a specified item.

Cmdlet

[Add-Member](https://www.pdq.com/powershell/add-member/)

Adds custom properties and methods to an instance of a Windows PowerShell object.

Cmdlet

[Remove-AppxPackage](https://www.pdq.com/powershell/remove-appxpackage/)

Removes an app package from a user account.

Cmdlet

[Rename-Item](https://www.pdq.com/powershell/rename-item/)ren, rni

Renames an item in a Windows PowerShell provider namespace.

Cmdlet

[Add-Type](https://www.pdq.com/powershell/add-type/)

Adds a.NET Framework type (a class) to a Windows PowerShell session.

Cmdlet

[Get-Member](https://www.pdq.com/powershell/get-member/)gm

Gets the properties and methods of objects.

Cmdlet

[ConvertTo-SecureString](https://www.pdq.com/powershell/convertto-securestring/)

Converts encrypted standard strings to secure strings. It can also convert plain text to secure strings. It isused with ConvertFrom-SecureString and Read-Host.

Cmdlet

[New-SelfSignedCertificate](https://www.pdq.com/powershell/new-selfsignedcertificate/)

Creates a new self-signed certificate for testing purposes.

Cmdlet

[Start-Sleep](https://www.pdq.com/powershell/start-sleep/)sleep

Suspends the activity in a script or session for the specified period of time.

Cmdlet

[Restart-Computer](https://www.pdq.com/powershell/restart-computer/)

Restarts ("reboots") the operating system on local and remote computers.

Cmdlet

[Out-GridView](https://www.pdq.com/powershell/out-gridview/)ogv

Sends output to an interactive table in a separate window.

Cmdlet

[Format-List](https://www.pdq.com/powershell/format-list/)fl

Formats the output as a list of properties in which each property appears on a new line.

Cmdlet

[Set-ItemProperty](https://www.pdq.com/powershell/set-itemproperty/)sp

Creates or changes the value of a property of an item.

Cmdlet

[Measure-Object](https://www.pdq.com/powershell/measure-object/)measure

Calculates the numeric properties of objects, and the characters, words, and lines in string objects, such asfiles of text.

Cmdlet

[Split-Path](https://www.pdq.com/powershell/split-path/)

Returns the specified part of a path.

Cmdlet

[Get-Counter](https://www.pdq.com/powershell/get-counter/)

Gets performance counter data from local and remote computers.

Cmdlet

[Get-CimInstance](https://www.pdq.com/powershell/get-ciminstance/)

Gets the CIM instances of a class from a CIM server.

Cmdlet

[Add-Computer](https://www.pdq.com/powershell/add-computer/)

Add the local computer to a domain or workgroup.

Cmdlet

[Add-AppxPackage](https://www.pdq.com/powershell/add-appxpackage/)

Adds a signed app package to a user account.

Cmdlet

[ConvertTo-Html](https://www.pdq.com/powershell/convertto-html/)

Converts Microsoft .NET Framework objects into HTML that can be displayed in a Web browser.

Cmdlet

[Import-StartLayout](https://www.pdq.com/powershell/import-startlayout/)

Imports the layout of the Start into a mounted Windows image.

Cmdlet

[Set-Location](https://www.pdq.com/powershell/set-location/)cd, chdir, sl

Sets the current working location to a specified location.

Cmdlet

[Get-NetAdapter](https://www.pdq.com/powershell/get-netadapter/)

Gets the basic network adapter properties.

Function

[Export-StartLayout](https://www.pdq.com/powershell/export-startlayout/)

Exports the layout of the Start screen.

Cmdlet

[Enable-PSRemoting](https://www.pdq.com/powershell/enable-psremoting/)

Configures the computer to receive remote commands.

Cmdlet

[Get-Command](https://www.pdq.com/powershell/get-command/)gcm

Gets all commands.

Cmdlet

[Get-ExecutionPolicy](https://www.pdq.com/powershell/get-executionpolicy/)

Gets the execution policies for the current session.

Cmdlet

[Join-Path](https://www.pdq.com/powershell/join-path/)

Combines a path and a child path into a single path.

Cmdlet

[Import-PSSession](https://www.pdq.com/powershell/import-pssession/)ipsn

Imports commands from another session into the current session.

Cmdlet

[Get-FileHash](https://www.pdq.com/powershell/get-filehash/)

Computes the hash value for a file by using a specified hash algorithm.

Function

[Write-Error](https://www.pdq.com/powershell/write-error/)

Writes an object to the error stream.

Cmdlet

[Stop-Service](https://www.pdq.com/powershell/stop-service/)spsv

Stops one or more running services.

Cmdlet

[Stop-Process](https://www.pdq.com/powershell/stop-process/)kill, spps

Stops one or more running processes.

Cmdlet

[Start-Service](https://www.pdq.com/powershell/start-service/)sasv

Starts one or more stopped services.

Cmdlet

[Unblock-File](https://www.pdq.com/powershell/unblock-file/)

Unblocks files that were downloaded from the Internet.

Cmdlet

[Get-Disk](https://www.pdq.com/powershell/get-disk/)

Gets one or more disks visible to the operating system.

Function

[Get-Module](https://www.pdq.com/powershell/get-module/)gmo

Gets the modules that have been imported or that can be imported into the current session.

Cmdlet

[ConvertTo-Json](https://www.pdq.com/powershell/convertto-json/)

Converts an object to a JSON-formatted string.

Cmdlet

[New-WebServiceProxy](https://www.pdq.com/powershell/new-webserviceproxy/)

Creates a Web service proxy object that lets you use and manage the Web service in Windows PowerShell.

Cmdlet

[Reset-ComputerMachinePassword](https://www.pdq.com/powershell/reset-computermachinepassword/)

Resets the machine account password for the computer.

Cmdlet

[Get-ScheduledTask](https://www.pdq.com/powershell/get-scheduledtask/)

Gets the task definition object of a scheduled task that is registered on the local computer.

Function

[Write-EventLog](https://www.pdq.com/powershell/write-eventlog/)

Writes an event to an event log.

Cmdlet

[Set-Service](https://www.pdq.com/powershell/set-service/)

Starts, stops, and suspends a service, and changes its properties.

Cmdlet

[Out-String](https://www.pdq.com/powershell/out-string/)

Sends objects to the host as a series of strings.

Cmdlet

[Get-Printer](https://www.pdq.com/powershell/get-printer/)

Retrieves a list of printers installed on a computer.

Function

[Out-Null](https://www.pdq.com/powershell/out-null/)

Deletes output instead of sending it down the pipeline.

Cmdlet

[Resolve-DnsName](https://www.pdq.com/powershell/resolve-dnsname/)

undefined

Cmdlet

[Get-WindowsUpdateLog](https://www.pdq.com/powershell/get-windowsupdatelog/)

Merges Windows Update .etl files into a single log file.

Function

[Restart-Service](https://www.pdq.com/powershell/restart-service/)

Stops and then starts one or more services.

Cmdlet

[Set-Variable](https://www.pdq.com/powershell/set-variable/)set, sv

Sets the value of a variable. Creates the variable if one with the requested name does not exist.

Cmdlet

[Compress-Archive](https://www.pdq.com/powershell/compress-archive/)

Creates an archive, or zipped file, from specified files and folders.

Function

[ConvertFrom-Json](https://www.pdq.com/powershell/convertfrom-json/)

Converts a JSON-formatted string to a custom object.

Cmdlet

[New-SmbShare](https://www.pdq.com/powershell/new-smbshare/)

Creates an SMB share.

Function

[Set-Item](https://www.pdq.com/powershell/set-item/)si

Changes the value of an item to the value specified in the command.

Cmdlet

[Update-Help](https://www.pdq.com/powershell/update-help/)

Downloads and installs the newest help files on your computer.

Cmdlet

[Group-Object](https://www.pdq.com/powershell/group-object/)group

Groups objects that contain the same value for specified properties.

Cmdlet

[Start-BitsTransfer](https://www.pdq.com/powershell/start-bitstransfer/)

Creates a BITS transfer job.

Cmdlet

[Get-Certificate](https://www.pdq.com/powershell/get-certificate/)

Submits a certificate request to an enrollment server and installs the response or retrieves a certificate for apreviously submitted request.

Cmdlet

[Register-ScheduledTask](https://www.pdq.com/powershell/register-scheduledtask/)

Registers a scheduled task definition on a local computer.

Function

[Tee-Object](https://www.pdq.com/powershell/tee-object/)tee

Saves command output in a file or variable and also sends it down the pipeline.

Cmdlet

[Test-ComputerSecureChannel](https://www.pdq.com/powershell/test-computersecurechannel/)

Tests and repairs the secure channel between the local computer and its domain.

Cmdlet

[Measure-Command](https://www.pdq.com/powershell/measure-command/)

Measures the time it takes to run script blocks and cmdlets.

Cmdlet

[ConvertFrom-SecureString](https://www.pdq.com/powershell/convertfrom-securestring/)

Converts a secure string to an encrypted standard string.

Cmdlet

[Get-Job](https://www.pdq.com/powershell/get-job/)gjb

Gets Windows PowerShell background jobs that are running in the current session.

Cmdlet

[Export-Clixml](https://www.pdq.com/powershell/export-clixml/)

Creates an XML-based representation of an object or objects and stores it in a file.

Cmdlet

[ConvertTo-Csv](https://www.pdq.com/powershell/convertto-csv/)

Converts objects into a series of comma-separated value (CSV) variable-length strings.

Cmdlet

[Remove-AppxProvisionedPackage](https://www.pdq.com/powershell/remove-appxprovisionedpackage/)

Removes an app package (.appx) from a Windows image.

Cmdlet

[New-ItemProperty](https://www.pdq.com/powershell/new-itemproperty/)

Creates a new property for an item and sets its value.

Cmdlet

[Get-PhysicalDisk](https://www.pdq.com/powershell/get-physicaldisk/)

Gets a list of all PhysicalDisk objects visible across any available Storage Management Providers, or optionally afiltered list.

Function

[Set-TimeZone](https://www.pdq.com/powershell/set-timezone/)

Sets the system time zone to a specified time zone.

Cmdlet

[Get-Package](https://www.pdq.com/powershell/get-package/)

Returns a list of all software packages that have been installed by using Package Management.

Cmdlet

[Get-SmbShare](https://www.pdq.com/powershell/get-smbshare/)

Retrieves the SMB shares on the computer.

Function

[Get-Variable](https://www.pdq.com/powershell/get-variable/)gv

Gets the variables in the current console.

Cmdlet

[Add-Printer](https://www.pdq.com/powershell/add-printer/)

Adds a printer to the specified computer.

Function

[Resolve-Path](https://www.pdq.com/powershell/resolve-path/)rvpa

Resolves the wildcard characters in a path, and displays the path contents.

Cmdlet

[Select-Xml](https://www.pdq.com/powershell/select-xml/)

Finds text in an XML string or document.

Cmdlet

[Get-Random](https://www.pdq.com/powershell/get-random/)

Gets a random number, or selects objects randomly from a collection.

Cmdlet

[Get-PSDrive](https://www.pdq.com/powershell/get-psdrive/)gdr

Gets drives in the current session.

Cmdlet

[Expand-Archive](https://www.pdq.com/powershell/expand-archive/)

Extracts files from a specified archive (zipped) file.

Function

[Receive-Job](https://www.pdq.com/powershell/receive-job/)rcjb

Gets the results of the Windows PowerShell background jobs in the current session.

Cmdlet

[New-NetFirewallRule](https://www.pdq.com/powershell/new-netfirewallrule/)

Creates a new inbound or outbound firewall rule and adds the rule to the target computer.

Function

[New-NetIPAddress](https://www.pdq.com/powershell/new-netipaddress/)

Creates and configures an IP address.

Function

[Get-NetIPAddress](https://www.pdq.com/powershell/get-netipaddress/)

Gets the IP address configuration.

Function

[Register-ObjectEvent](https://www.pdq.com/powershell/register-objectevent/)

Subscribes to the events that are generated by a Microsoft .NET Framework object.

Cmdlet

[Get-SmbConnection](https://www.pdq.com/powershell/get-smbconnection/)

Retrieves the connections established from the SMB client to the SMB servers.

Function

[New-TimeSpan](https://www.pdq.com/powershell/new-timespan/)

Creates a TimeSpan object.

Cmdlet

[Enable-WindowsOptionalFeature](https://www.pdq.com/powershell/enable-windowsoptionalfeature/)

Enables a feature in a Windows image.

Cmdlet

[Set-NetConnectionProfile](https://www.pdq.com/powershell/set-netconnectionprofile/)

Changes the network category of a connection profile.

Function

[New-ScheduledTaskTrigger](https://www.pdq.com/powershell/new-scheduledtasktrigger/)

Creates a scheduled task trigger object.

Function

[Rename-Computer](https://www.pdq.com/powershell/rename-computer/)

Renames a computer.

Cmdlet

[Get-Event](https://www.pdq.com/powershell/get-event/)

Gets the events in the event queue.

Cmdlet

[Test-WSMan](https://www.pdq.com/powershell/test-wsman/)

Tests whether the WinRM service is running on a local or remote computer.

Cmdlet

[Get-AppxProvisionedPackage](https://www.pdq.com/powershell/get-appxprovisionedpackage/)

Gets information about app packages (.appx) in an image that will be installed for each new user.

Cmdlet

[Wait-Process](https://www.pdq.com/powershell/wait-process/)

Waits for the processes to be stopped before accepting more input.

Cmdlet

[Wait-Job](https://www.pdq.com/powershell/wait-job/)wjb

Suppresses the command prompt until one or all of the Windows PowerShell background jobs running in the sessionare completed.

Cmdlet

[Write-Debug](https://www.pdq.com/powershell/write-debug/)

Writes a debug message to the console.

Cmdlet

[Import-Certificate](https://www.pdq.com/powershell/import-certificate/)

Imports one or more certificates into a certificate store.

Cmdlet

[New-EventLog](https://www.pdq.com/powershell/new-eventlog/)

Creates a new event log and a new event source on a local or remote computer.

Cmdlet

[Get-Host](https://www.pdq.com/powershell/get-host/)

Gets an object that represents the current host program.

Cmdlet

[Invoke-WmiMethod](https://www.pdq.com/powershell/invoke-wmimethod/)

Calls WMI methods.

Cmdlet

[Update-Script](https://www.pdq.com/powershell/update-script/)

Updates a script.

Function

[New-Service](https://www.pdq.com/powershell/new-service/)

Creates a new Windows service.

Cmdlet

[ConvertFrom-Csv](https://www.pdq.com/powershell/convertfrom-csv/)

Converts object properties in comma-separated value (CSV) format into CSV versions of the original objects.

Cmdlet

[Invoke-Item](https://www.pdq.com/powershell/invoke-item/)ii

Performs the default action on the specified item.

Cmdlet

[Enable-WSManCredSSP](https://www.pdq.com/powershell/enable-wsmancredssp/)

Enables CredSSP authentication on a computer.

Cmdlet

[Get-Unique](https://www.pdq.com/powershell/get-unique/)gu

Returns unique items from a sorted list.

Cmdlet

[Find-Package](https://www.pdq.com/powershell/find-package/)

Finds software packages in available package sources.

Cmdlet

[Out-Host](https://www.pdq.com/powershell/out-host/)oh

Sends output to the command line.

Cmdlet

[Format-Volume](https://www.pdq.com/powershell/format-volume/)

Formats one or more existing volumes or a new volume on an existing partition.

Function

[Format-Custom](https://www.pdq.com/powershell/format-custom/)fc

Uses a customized view to format the output.

Cmdlet

[Get-SmbServerConfiguration](https://www.pdq.com/powershell/get-smbserverconfiguration/)

Retrieves the SMB server configuration.

Function

[Mount-DiskImage](https://www.pdq.com/powershell/mount-diskimage/)

Mounts a previously created disk image (virtual hard disk or ISO), making it appear as a normal disk.

Function

[Clear-Host](https://www.pdq.com/powershell/clear-host/)clear, cls

Clears the display in the host program.

Function

[Start-DscConfiguration](https://www.pdq.com/powershell/start-dscconfiguration/)

Applies configuration to nodes.

Cmdlet

[Get-SmbOpenFile](https://www.pdq.com/powershell/get-smbopenfile/)

Retrieves basic information about the files that are open on behalf of the clients of the SMB server.

Function

[Add-VpnConnection](https://www.pdq.com/powershell/add-vpnconnection/)

Adds a VPN connection to the Connection Manager phone book.

Function

[Set-DnsClientServerAddress](https://www.pdq.com/powershell/set-dnsclientserveraddress/)

Sets DNS server addresses associated with the TCP/IP properties on an interface.

Function

[Export-ModuleMember](https://www.pdq.com/powershell/export-modulemember/)

Specifies the module members that are exported.

Cmdlet

[Get-PSSession](https://www.pdq.com/powershell/get-pssession/)gsn

Gets the Windows PowerShell sessions on local and remote computers.

Cmdlet

[Get-PSSnapin](https://www.pdq.com/powershell/get-pssnapin/)

Gets the Windows PowerShell snap-ins on the computer.

Cmdlet

[Get-NetConnectionProfile](https://www.pdq.com/powershell/get-netconnectionprofile/)

Gets a connection profile.

Function

[Get-NetFirewallRule](https://www.pdq.com/powershell/get-netfirewallrule/)

Retrieves firewall rules from the target computer.

Function

[Push-Location](https://www.pdq.com/powershell/push-location/)pushd

Adds the current location to the top of a location stack.

Cmdlet

[Get-Volume](https://www.pdq.com/powershell/get-volume/)

Gets the specified Volume object, or all Volume objects if no filter is provided.

Function

[New-NetLbfoTeam](https://www.pdq.com/powershell/new-netlbfoteam/)

Creates a new NIC team.

Function

[Get-NetTCPConnection](https://www.pdq.com/powershell/get-nettcpconnection/)

Gets TCP connections.

Function

[Stop-Computer](https://www.pdq.com/powershell/stop-computer/)

Stops (shuts down) local and remote computers.

Cmdlet

[Set-StrictMode](https://www.pdq.com/powershell/set-strictmode/)

Establishes and enforces coding rules in expressions, scripts, and script blocks.

Cmdlet

[Set-NetFirewallRule](https://www.pdq.com/powershell/set-netfirewallrule/)

Modifies existing firewall rules.

Function

[Add-AppxProvisionedPackage](https://www.pdq.com/powershell/add-appxprovisionedpackage/)

Adds an app package (.appx) that will install for each new user to a Windows image.

Cmdlet

[Enable-BitLocker](https://www.pdq.com/powershell/enable-bitlocker/)

Enables encryption for a BitLocker volume.

Function

[Get-Location](https://www.pdq.com/powershell/get-location/)gl, pwd

Gets information about the current working location or a location stack.

Cmdlet

[Set-NetIPInterface](https://www.pdq.com/powershell/set-netipinterface/)

Modifies an IP interface.

Function

[New-VirtualDisk](https://www.pdq.com/powershell/new-virtualdisk/)

Creates a new virtual disk in the specified storage pool.

Function

[Remove-PSSession](https://www.pdq.com/powershell/remove-pssession/)rsn

Closes one or more Windows PowerShell sessions (PSSessions).

Cmdlet

[Set-NetIPAddress](https://www.pdq.com/powershell/set-netipaddress/)

Modifies the configuration of an IP address.

Function

[Register-ScheduledJob](https://www.pdq.com/powershell/register-scheduledjob/)

Creates a scheduled job.

Cmdlet

[Set-SmbServerConfiguration](https://www.pdq.com/powershell/set-smbserverconfiguration/)

Sets the SMB Service configuration.

Function

[New-Partition](https://www.pdq.com/powershell/new-partition/)

Creates a new partition on an existing Disk object.

Function

[Remove-PSDrive](https://www.pdq.com/powershell/remove-psdrive/)rdr

Deletes temporary Windows PowerShell drives and disconnects mapped network drives.

Cmdlet

[Remove-Variable](https://www.pdq.com/powershell/remove-variable/)rv

Deletes a variable and its value.

Cmdlet

[Get-WindowsOptionalFeature](https://www.pdq.com/powershell/get-windowsoptionalfeature/)

Gets information about optional features in a Windows image.

Cmdlet

[Import-Clixml](https://www.pdq.com/powershell/import-clixml/)

Imports a CLIXML file and creates corresponding objects in Windows PowerShell.

Cmdlet

[Import-PfxCertificate](https://www.pdq.com/powershell/import-pfxcertificate/)

Imports certificates and private keys from a Personal Information Exchange (PFX) file to the destination store.

Cmdlet

[Uninstall-Package](https://www.pdq.com/powershell/uninstall-package/)

Uninstalls one or more software packages.

Cmdlet

[Set-AuthenticodeSignature](https://www.pdq.com/powershell/set-authenticodesignature/)

Adds an Authenticode signature to a Windows PowerShell script or other file.

Cmdlet

[Set-NetAdapter](https://www.pdq.com/powershell/set-netadapter/)

Sets the basic network adapter properties.

Function

[Set-Alias](https://www.pdq.com/powershell/set-alias/)sal

Creates or changes an alias for a cmdlet or other command element in the current Windows PowerShell session.

Cmdlet

[Set-WmiInstance](https://www.pdq.com/powershell/set-wmiinstance/)

Creates or updates an instance of an existing Windows Management Instrumentation (WMI) class.

Cmdlet

[Disable-WindowsOptionalFeature](https://www.pdq.com/powershell/disable-windowsoptionalfeature/)

Disables a feature in a Windows image.

Cmdlet

[Update-Module](https://www.pdq.com/powershell/update-module/)

Downloads and installs the newest version of specified modules from an online gallery to the local computer.

Function

[New-LocalUser](https://www.pdq.com/powershell/new-localuser/)

Creates a local user account.

Cmdlet

[Mount-WindowsImage](https://www.pdq.com/powershell/mount-windowsimage/)

Mounts a Windows image in a WIM or VHD file to a directory on the local computer.

Cmdlet

[Get-ItemPropertyValue](https://www.pdq.com/powershell/get-itempropertyvalue/)gpv

Gets the value for one or more properties of a specified item.

Cmdlet

[New-Alias](https://www.pdq.com/powershell/new-alias/)nal

Creates a new alias.

Cmdlet

[New-JobTrigger](https://www.pdq.com/powershell/new-jobtrigger/)

Creates a job trigger for a scheduled job.

Cmdlet

[Get-History](https://www.pdq.com/powershell/get-history/)ghy, h, history

Gets a list of the commands entered during the current session.

Cmdlet

[New-CimSession](https://www.pdq.com/powershell/new-cimsession/)

Creates a CIM session.

Cmdlet

[Get-LocalGroup](https://www.pdq.com/powershell/get-localgroup/)

Gets the local security groups.

Cmdlet

[ConvertTo-Xml](https://www.pdq.com/powershell/convertto-xml/)

Creates an XML-based representation of an object.

Cmdlet

[New-PSSessionOption](https://www.pdq.com/powershell/new-pssessionoption/)

Creates an object that contains advanced options for a PSSession.

Cmdlet

[Add-WindowsCapability](https://www.pdq.com/powershell/add-windowscapability/)

Installs a Windows capability package on the specified operating system image.

Cmdlet

[New-Variable](https://www.pdq.com/powershell/new-variable/)nv

Creates a new variable.

Cmdlet

[Convert-Path](https://www.pdq.com/powershell/convert-path/)cvpa

Converts a path from a Windows PowerShell path to a Windows PowerShell provider path.

Cmdlet

[Get-LocalGroupMember](https://www.pdq.com/powershell/get-localgroupmember/)

Gets members from a local group.

Cmdlet

[Add-WindowsPackage](https://www.pdq.com/powershell/add-windowspackage/)

Adds a single .cab or .msu file to a Windows image.

Cmdlet

[Invoke-CimMethod](https://www.pdq.com/powershell/invoke-cimmethod/)

Invokes a method of a CIM class.

Cmdlet

[ConvertFrom-String](https://www.pdq.com/powershell/convertfrom-string/)CFS

Extracts and parses structured properties from string content.

Cmdlet

[Export-Certificate](https://www.pdq.com/powershell/export-certificate/)

Exports a certificate from a certificate store into a file.

Cmdlet

[Unregister-ScheduledTask](https://www.pdq.com/powershell/unregister-scheduledtask/)

Unregisters a scheduled task.

Function

[ConvertFrom-StringData](https://www.pdq.com/powershell/convertfrom-stringdata/)

Converts a string containing one or more key and value pairs to a hash table.

Cmdlet

[Install-PackageProvider](https://www.pdq.com/powershell/install-packageprovider/)

Installs one or more Package Management package providers.

Cmdlet

[Get-LocalUser](https://www.pdq.com/powershell/get-localuser/)

Gets local user accounts.

Cmdlet

[Clear-Content](https://www.pdq.com/powershell/clear-content/)clc

Deletes the contents of an item, but does not delete the item.

Cmdlet

[Remove-Module](https://www.pdq.com/powershell/remove-module/)rmo

Removes modules from the current session.

Cmdlet

[Get-VpnConnection](https://www.pdq.com/powershell/get-vpnconnection/)

Retrieves the specified VPN connection profile information.

Function

[Export-PfxCertificate](https://www.pdq.com/powershell/export-pfxcertificate/)

Exports a certificate or a PFXData object to a Personal Information Exchange (PFX) file.

Cmdlet

[Get-NetIPConfiguration](https://www.pdq.com/powershell/get-netipconfiguration/)

Gets IP network configuration.

Function

[Export-WindowsDriver](https://www.pdq.com/powershell/export-windowsdriver/)

Exports all third-party drivers from a Windows image to a destination folder.

Cmdlet

[Grant-SmbShareAccess](https://www.pdq.com/powershell/grant-smbshareaccess/)

Adds an allow ACE for a trustee to the security descriptor of the SMB share.

Function

[Initialize-Disk](https://www.pdq.com/powershell/initialize-disk/)

Initializes a RAW disk for first time use, enabling the disk to be formatted and used to store data.

Function

[Get-NetIPInterface](https://www.pdq.com/powershell/get-netipinterface/)

Gets an IP interface.

Function

[Get-PfxCertificate](https://www.pdq.com/powershell/get-pfxcertificate/)

Gets information about .pfx certificate files on the computer.

Cmdlet

[Invoke-Pester](https://www.pdq.com/powershell/invoke-pester/)

Invokes Pester to run all tests (files containing \*.Tests.ps1) recursively under the Path

Function

[Add-OdbcDsn](https://www.pdq.com/powershell/add-odbcdsn/)

Adds an ODBC DSN.

Function

[Format-Wide](https://www.pdq.com/powershell/format-wide/)fw

Formats objects as a wide table that displays only one property of each object.

Cmdlet

[Get-Partition](https://www.pdq.com/powershell/get-partition/)

Returns a list of all partition objects visible on all disks, or optionally a filtered list using specifiedparameters.

Function

[Set-Disk](https://www.pdq.com/powershell/set-disk/)

Takes a Disk object or unique disk identifiers and a set of attributes, and updates the physical disk on thesystem.

Function

[Get-ScheduledJob](https://www.pdq.com/powershell/get-scheduledjob/)

Gets scheduled jobs on the local computer.

Cmdlet

[Get-PnpDevice](https://www.pdq.com/powershell/get-pnpdevice/)

Returns information about PnP devices.

Function

[Get-Tpm](https://www.pdq.com/powershell/get-tpm/)

Gets an object that contains information about a TPM.

Cmdlet

[Disable-NetAdapterBinding](https://www.pdq.com/powershell/disable-netadapterbinding/)

Disables a binding to a network adapter.

Function

[Get-PSRepository](https://www.pdq.com/powershell/get-psrepository/)

Gets PowerShell repositories.

Function

[Out-Default](https://www.pdq.com/powershell/out-default/)

Sends the output to the default formatter and to the default output cmdlet.

Cmdlet

[Add-PrinterDriver](https://www.pdq.com/powershell/add-printerdriver/)

Installs a printer driver on the specified computer.

Function

[Set-WinUserLanguageList](https://www.pdq.com/powershell/set-winuserlanguagelist/)

Sets the language list and associated properties for the current user account.

Cmdlet

[Get-ScheduledTaskInfo](https://www.pdq.com/powershell/get-scheduledtaskinfo/)

Gets run-time information for a scheduled task.

Function

[Enable-NetFirewallRule](https://www.pdq.com/powershell/enable-netfirewallrule/)

Enables a previously disabled firewall rule.

Function

[Out-Printer](https://www.pdq.com/powershell/out-printer/)lp

Sends output to a printer.

Cmdlet

[Add-PrinterPort](https://www.pdq.com/powershell/add-printerport/)

Installs a printer port on the specified computer.

Function

[Set-WinSystemLocale](https://www.pdq.com/powershell/set-winsystemlocale/)

Sets the system locale (the language for non-Unicode programs) for the current computer.

Cmdlet

[Find-Module](https://www.pdq.com/powershell/find-module/)

Finds modules from an online gallery that match specified criteria.

Function

[Get-NetAdapterVmq](https://www.pdq.com/powershell/get-netadaptervmq/)

Gets the VMQ properties of a network adapter.

Function

[Stop-Transcript](https://www.pdq.com/powershell/stop-transcript/)

Stops a transcript.

Cmdlet

[Get-SmbSession](https://www.pdq.com/powershell/get-smbsession/)

Retrieves information about the SMB sessions that are currently established between the SMB server and theassociated clients.

Function

[Set-PSSessionConfiguration](https://www.pdq.com/powershell/set-pssessionconfiguration/)

Changes the properties of a registered session configuration.

Cmdlet

[Add-MpPreference](https://www.pdq.com/powershell/add-mppreference/)

Modifies settings for Windows Defender.

Function

[Set-SmbShare](https://www.pdq.com/powershell/set-smbshare/)

Modifies the properties of the SMB share.

Function

[Set-VpnConnection](https://www.pdq.com/powershell/set-vpnconnection/)

Changes the configuration settings of an existing VPN connection profile.

Function

[Start-ScheduledTask](https://www.pdq.com/powershell/start-scheduledtask/)

Starts one or more instances of a scheduled task.

Function

[Suspend-BitLocker](https://www.pdq.com/powershell/suspend-bitlocker/)

Suspends Bitlocker encryption for the specified volume.

Function

[Get-SmbShareAccess](https://www.pdq.com/powershell/get-smbshareaccess/)

Retrieves the ACL of the SMB share.

Function

[Set-PSDebug](https://www.pdq.com/powershell/set-psdebug/)

Turns script debugging features on and off, sets the trace level, and toggles strict mode.

Cmdlet

[Get-StartApps](https://www.pdq.com/powershell/get-startapps/)

Gets the names and AppIDs of installed apps.

Function

[Add-VpnConnectionRoute](https://www.pdq.com/powershell/add-vpnconnectionroute/)

Adds a route to a VPN connection.

Function

[Get-VirtualDisk](https://www.pdq.com/powershell/get-virtualdisk/)

Returns a list of VirtualDisk objects, across all storage pools, across all providers, or optionally a filteredsubset based on provided criteria.

Function

[Write-Information](https://www.pdq.com/powershell/write-information/)

Specifies how Windows PowerShell handles information stream data for a command.

Cmdlet

[New-ScheduledTask](https://www.pdq.com/powershell/new-scheduledtask/)

Creates a scheduled task instance.

Function

[Set-Culture](https://www.pdq.com/powershell/set-culture/)

Sets the user culture for the current user account.

Cmdlet

[New-ScheduledTaskSettingsSet](https://www.pdq.com/powershell/new-scheduledtasksettingsset/)

Creates a new scheduled task settings object.

Function

[New-ScheduledTaskAction](https://www.pdq.com/powershell/new-scheduledtaskaction/)

Creates a scheduled task action.

Function

[Set-Partition](https://www.pdq.com/powershell/set-partition/)

Sets attributes of a partition, such as active, read-only, and offline states.

Function

[Clear-Variable](https://www.pdq.com/powershell/clear-variable/)clv

Deletes the value of a variable.

Cmdlet

[Add-KdsRootKey](https://www.pdq.com/powershell/add-kdsrootkey/)

Generates a new root key for the Microsoft Group KdsSvc within Active Directory.

Cmdlet

[Exit-PSSession](https://www.pdq.com/powershell/exit-pssession/)exsn

Ends an interactive session with a remote computer.

Cmdlet

[Add-LocalGroupMember](https://www.pdq.com/powershell/add-localgroupmember/)

Adds members to a local group.

Cmdlet

[Set-LocalUser](https://www.pdq.com/powershell/set-localuser/)

Modifies a local user account.

Cmdlet

[Remove-Computer](https://www.pdq.com/powershell/remove-computer/)

Removes the local computer from its domain.

Cmdlet

[New-NetNat](https://www.pdq.com/powershell/new-netnat/)

Creates a NAT object.

Function

[Set-SmbClientConfiguration](https://www.pdq.com/powershell/set-smbclientconfiguration/)

Sets the SMB client configuration.

Function

[Set-ScheduledTask](https://www.pdq.com/powershell/set-scheduledtask/)

Modifies a scheduled task.

Function

[Remove-ItemProperty](https://www.pdq.com/powershell/remove-itemproperty/)rp

Deletes the property and its value from an item.

Cmdlet

[Set-Printer](https://www.pdq.com/powershell/set-printer/)

Updates the configuration of an existing printer.

Function

[Set-PhysicalDisk](https://www.pdq.com/powershell/set-physicaldisk/)

Sets attributes on a specific physical disk.

Function

[Set-Date](https://www.pdq.com/powershell/set-date/)

Changes the system time on the computer to a time that you specify.

Cmdlet

[Repair-WindowsImage](https://www.pdq.com/powershell/repair-windowsimage/)

Repairs a Windows image in a WIM or VHD file.

Cmdlet

[Set-NetAdapterVmq](https://www.pdq.com/powershell/set-netadaptervmq/)

Sets the VMQ properties of a network adapter.

Function

[Remove-WmiObject](https://www.pdq.com/powershell/remove-wmiobject/)

Deletes an instance of an existing Windows Management Instrumentation (WMI) class.

Cmdlet

[New-NetRoute](https://www.pdq.com/powershell/new-netroute/)

Creates a route in the IP routing table.

Function

[Optimize-Volume](https://www.pdq.com/powershell/optimize-volume/)

Optimizes a volume.

Function

[New-Volume](https://www.pdq.com/powershell/new-volume/)

Creates a volume with the specified file system.

Function

[New-StoragePool](https://www.pdq.com/powershell/new-storagepool/)

Creates a new storage pool using a group of physical disks.

Function

[New-SmbMapping](https://www.pdq.com/powershell/new-smbmapping/)

Creates an SMB mapping.

Function

[Set-DscLocalConfigurationManager](https://www.pdq.com/powershell/set-dsclocalconfigurationmanager/)

Applies LCM settings to nodes.

Cmdlet

[New-ScheduledTaskPrincipal](https://www.pdq.com/powershell/new-scheduledtaskprincipal/)

Creates an object that contains a scheduled task principal.

Function

[Get-Culture](https://www.pdq.com/powershell/get-culture/)

Gets the current culture set in the operating system.

Cmdlet

[Set-PSRepository](https://www.pdq.com/powershell/set-psrepository/)

Sets values for a registered repository.

Function

[Set-NetFirewallProfile](https://www.pdq.com/powershell/set-netfirewallprofile/)

Configures settings that apply to the per-profile configurations of the Windows Firewall with Advanced Security.

Function

[Get-Alias](https://www.pdq.com/powershell/get-alias/)gal

Gets the aliases for the current session.

Cmdlet

[Get-DnsClientServerAddress](https://www.pdq.com/powershell/get-dnsclientserveraddress/)

Gets DNS server IP addresses from the TCP/IP properties on an interface.

Function

[Set-MpPreference](https://www.pdq.com/powershell/set-mppreference/)

Configures preferences for Windows Defender scans and updates.

Function

[Save-Module](https://www.pdq.com/powershell/save-module/)

Saves a module locally without installing it.

Function

[Resize-Partition](https://www.pdq.com/powershell/resize-partition/)

Resizes a partition and the underlying file system.

Function

[Repair-Volume](https://www.pdq.com/powershell/repair-volume/)

Performs repairs on a volume.

Function

[Remove-Printer](https://www.pdq.com/powershell/remove-printer/)

Removes a printer from the specified computer.

Function

[Remove-PhysicalDisk](https://www.pdq.com/powershell/remove-physicaldisk/)

Removes a physical disk from a specified storage pool.

Function

[Remove-NetIPAddress](https://www.pdq.com/powershell/remove-netipaddress/)

Removes an IP address and its configuration.

Function

[Register-PSRepository](https://www.pdq.com/powershell/register-psrepository/)

Registers a PowerShell repository.

Function

[Get-WindowsCapability](https://www.pdq.com/powershell/get-windowscapability/)

Gets Windows capabilities for an image or a running operating system.

Cmdlet

[Get-BitLockerVolume](https://www.pdq.com/powershell/get-bitlockervolume/)

Gets information about volumes that BitLocker can protect.

Function

[Get-Clipboard](https://www.pdq.com/powershell/get-clipboard/)

Gets the current Windows clipboard entry.

Cmdlet

[Get-ComputerInfo](https://www.pdq.com/powershell/get-computerinfo/)

Gets a consolidated object of system and operating system properties.

Cmdlet

[Get-InitiatorPort](https://www.pdq.com/powershell/get-initiatorport/)

Gets one or more host bus adapter (HBA) initiator ports.

Function

[Get-BitsTransfer](https://www.pdq.com/powershell/get-bitstransfer/)

Gets the associated BitsJob object for an existing BITS transfer job.

Cmdlet

[Get-AuthenticodeSignature](https://www.pdq.com/powershell/get-authenticodesignature/)

Gets information about the Authenticode signature for a file.

Cmdlet

[Get-AppvClientPackage](https://www.pdq.com/powershell/get-appvclientpackage/)

Returns App-V Client Packages.

Cmdlet

[Set-WSManQuickConfig](https://www.pdq.com/powershell/set-wsmanquickconfig/)

Configures the local computer for remote management.

Cmdlet

[New-Guid](https://www.pdq.com/powershell/new-guid/)

Creates a GUID.

Function

[Get-StorageJob](https://www.pdq.com/powershell/get-storagejob/)

Returns information about long-running Storage module jobs, such as a repair task.

Function

[Uninstall-Module](https://www.pdq.com/powershell/uninstall-module/)

Uninstalls a module.

Function

[Get-InstalledModule](https://www.pdq.com/powershell/get-installedmodule/)

Gets installed modules on a computer.

Function

[Confirm-SecureBootUEFI](https://www.pdq.com/powershell/confirm-securebootuefi/)

Confirms that Secure Boot is enabled by checking the Secure Boot status on the local computer.

Cmdlet

[Set-Clipboard](https://www.pdq.com/powershell/set-clipboard/)

Sets the current Windows clipboard entry.

Cmdlet

[Get-TlsCipherSuite](https://www.pdq.com/powershell/get-tlsciphersuite/)

Gets the list of cipher suites for TLS for a computer.

Cmdlet

[Clear-Disk](https://www.pdq.com/powershell/clear-disk/)

Cleans a disk by removing all partition information and un-initializing it, erasing all data on the disk.

Function