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An A-Z Index of Windows **PowerShell** commands

Cmdlet	Alias	Description
	%	Alias for ForEach-Object
	?	Alias for Where-Object
A		
Get-Acl		Get permission settings for a file or registry key.
Set-Acl		Set permissions.
Active Directory		Account, Computer, Group and User cmdlets.
Get-Alias	gal	Return alias names for Cmdlets.
Export-Alias	epal	Export currently defined aliases to a file.
Import-Alias	ipal	Import an alias list from a file.
New-Alias	nal	Create a new alias.
Set-Alias	sal	Create or change an alias.
Get-AppvClientPackage		Return App-V Client Packages.
Get-AppxPackage		List the app packages installed in a user profile.
Remove-AppxPackage		Remove an app package from a user account.
Add-AppxProvisionedPackage		Add an appx package to a Windows image (will install for each new user).
Get-AppxProvisionedPackage		Get information about appx packages in an image via DISM.
Remove-AppxProvisionedPackage		Remove an appx package from a Windows image.
Compress-Archive		Create a new archive/zipped file. [PS 5+]
Expand-Archive		Extract files from an archive (zipped) file [PS 5+]
Get-AuthenticodeSignature		Get the signature object associated with a file.
Set-AuthenticodeSignature		Place a signature in a .ps1 script or other file.
B		
Backup-GPO		Backup group policy objects. (GPOs)
Begin		Function BEGIN block.
BITS		Background Intelligent Transfer Service cmdlets.
Enable-BitLocker		Enable encryption for a BitLocker volume.
Enable-BitLockerAutoUnlock		Enable automatic unlocking for a BitLocker volume.
Disable-BitLocker		Disable encryption for a BitLocker volume.
Resume-Bitlocker		Resume Bitlocker encryption for the specified volume.
Suspend-BitLocker		Suspend Bitlocker encryption for the specified volume.
Add-BitLockerKeyProtector		Add a key protector for a BitLocker volume.
Remove-BitLockerKeyProtector		Remove a key protector from a BitLocker volume.
Get-BitLockerVolume		Get information about volumes BitLocker can protect.
Break		Exit a program loop.
C		
Catch		Handle a terminating error within a scriptblock.
Export-Certificate		Export a certificate from a certificate store into a file.
Get-Certificate		Submit/retrieve a certificate request to an enrollment server and install.
Import-Certificate		Import one or more certificates into a certificate store.

Set-Location	cd / chdir / sl	Set the current working location.
Get-ChildItem	dir / ls / gci	Get child items (contents of a folder or registry key).
Clear-Host	clear / cls	Clear the screen.
Clear-Item	cli	Remove content from a variable or an alias.
Get-CimAssociatedInstance		Retrieve CIM instance by an association.
Get-CimClass	gcls	Get a list of CIM classes in a specific namespace.
Register-CimIndicationEvent		Subscribe to indications using a filter or query expression.
New-CimInstance	ncim	Create a new instance of a class.
Get-CimInstance	gcim	Get a managed resource (storage, network, software etc).
Remove-CimInstance	rcim	Remove a CIM instance from a computer.
Set-CimInstance	scim	Modify a CIM instance on a CIM server.
Invoke-CimMethod	icim	Invoke a method of a CIM class or CIM instance.
Get-CimSession	gcms	Get current CIM session objects.
New-CimSession	ncms	Create a CIM session.
New-CimSessionOption		Advanced options for New-CimSession.
Remove-CimSession	rcms	Remove one or more CIM session objects.
Get-Clipboard		Get the current Windows clipboard entry.
Set-Clipboard		Set the current Windows clipboard entry.
Get-Command	gcm	Retrieve basic information about a command.
Invoke-Command	icm	Run command.
Show-Command	shcm	Create PowerShell commands in a graphical command window.
Measure-Command		Measure the running time of a script block or cmdlet.
Trace-Command		Trace an expression or command.
Add-Computer		Add a computer to the domain.
Checkpoint-Computer		Create a system restore point.
Remove-Computer		Remove the local computer from a workgroup or domain.
Rename-Computer		Rename a computer.
Restart-Computer		Restart the Operating System on a computer.
Restore-Computer		Restore the computer to a previous state.
Stop-Computer		Stop (shut down) a computer.
Get-ComputerInfo		Get system and Operating System properties.
Reset-ComputerMachinePassword		Reset the machine account password for the computer.
Enable-ComputerRestore		Create a Restore Point.
Test-ComputerSecureChannel		Test and repair the secure channel to the domain.
Add-Content	ac	Add to the content of the item.
Get-Content	cat / type / gc	Get content from item (specific location).
Set-Content	sc	Set content in the item (specific location).
Clear-Content	clc	Remove content from a file/item.
Continue		Skip just this iteration of a loop.
Enable-ComputerRestore		Enable System Restore on a drive.
Disable-ComputerRestore		Disable System Restore on a drive.
Get-ComputerRestorePoint		Get the restore points on the local computer.

Test-Connection		Ping one or more computers.
ConvertFrom-CSV		Convert object properties (in CSV format) into CSV objects.
ConvertTo-CSV		Convert objects into CSV variable-length strings.
ConvertFrom-Json		Convert a JSON-formatted string to a custom object.
ConvertTo-Json		Convert an object to a JSON-formatted string.
ConvertTo-Html		Convert the input into an HTML table.
ConvertTo-Xml		Convert the input into XML.
ConvertFrom-String	cfs	Extract and parse structured properties from a string.
ConvertFrom-StringData		Convert a string containing key and value pairs into a hash table.
ConvertFrom-SecureString		Convert a secure string into an encrypted standard string.
ConvertTo-SecureString		Convert an encrypted standard string into a secure string.
Copy-Item	copy / cp / cpi	Copy an item from a namespace location.
Export-Counter		Export Performance Counter data to log files.
Get-Counter		Get performance counter data.
Import-Counter		Import performance counter log files.
Get-Credential		Get a security credential (username/password).
Get-Culture		Get region information (language and keyboard layout).
Set-Culture		Set the user culture for the current user account.

D

Get-Date		Get current date and time.
Set-Date		Set system time on the host system.
Get-ChildItem	Dir / ls / gci	Get child items (contents of a folder or registry key).
Clear-Disk		Remove all partition information and un-initialize a disk, erasing all data.
Get-Disk		Get one or more disks visible to the OS.
Set-Disk		Set attributes and update a physical disk.
Initialize-Disk		Initialize a RAW disk for first use, this enables formatting.
Mount-DiskImage		Mount a previously created disk image (virtual HD or ISO)
Remove-Item	Del / erase / rd / rm / rmdir	Delete an item.
Compare-Object	diff / compare	Compare the properties of objects.
Get-DnsClientCache		Retrieve the content of the local DNS client cache.
Clear-DnsClientCache		Clear the content of the DNS client cache.
Get-DnsClientServerAddress		Get a DNS server IP address from the interface TCP/IP properties.
Set-DnsClientServerAddress		Set a DNS server IP address on the interface TCP/IP properties.
Resolve-DnsName		Perform a DNS name query resolution for a specified name.
Do		Loop while a condition is True.
Get-DscConfiguration		Get the current config. of a node.
Get-DscLocalConfigurationManager		Get Local Config Manager settings.
Get-DscResource		Get Desired State Config. resources from a computer.
New-DSCCheckSum		Create checksum files for DSC docs/resources.
Start-DscConfiguration		Apply Desired State config to nodes.

E

Write-Output	Echo	Write an object to the pipeline.
End		Function END block.
Get-Error	gerr	Get Error
Get-Event		Get events in the PowerShell event queue.
New-Event		Create a new event.
Remove-Event		Delete events from the event queue.
Unregister-Event		Cancel an event subscription.
Wait-Event		Wait until a particular event is raised.
Clear-EventLog		Delete all entries from an event log.
Get-Eventlog		Get event log data (2003).
Limit-EventLog		Limit the size of the event log.
New-Eventlog		Create a new event log and a new event source.
Remove-EventLog		Delete an event log.
Show-EventLog		Display an event log.
Write-EventLog		Write an event to an event log.
Get-WinEvent		Get event log data (Vista+).
Get-EventSubscriber		Get event subscribers.
Register-EngineEvent		Subscribe to PowerShell events.
Register-ObjectEvent		Subscribe to .NET events.
Register-WmiEvent		Subscribe to a WMI event.
Get-ExecutionPolicy		Get the execution policy for the shell.
Set-ExecutionPolicy		Change the execution policy (user preference).
Export-Alias	epal	Export currently defined aliases to a file.
Export-Clixml		Produce a clixml representation of PowerShell objects.
Export-Console		Export console configuration to a file.
Export-Csv	epcsv	Export to Comma Separated Values (spreadsheet).
Exit-PSSession	exsn	Exit a PowerShell session.
Exit		Exit a script or exit PowerShell.

F

-F operator		Format operator.
Unblock-File		Unblock files downloaded from the Internet.
Get-FileHash		Compute the hash value for a file.
ForEach-Object	foreach	Loop through each item in the pipeline (%).
ForEach		Loop through each item in a collection.
ForEach method		Loop through each item in a collection.
For		Loop through items that match a condition.
Format-Custom	fc	Format output using a customized view.
Format-Hex	fhx	Display a file or other input as hexadecimal.
Format-List	fl	Format output as a list of properties, each on a new line.
Format-Table	ft	Format output as a table.
Format-Wide	fw	Format output as a table listing one property only.
Export-FormatData		Save formatting data from the current session.
Get-FormatData		Get the formatting data in the current session.

G

Get-Item	gi	Get a file/registry object (or any other namespace object).
Get-ChildItem	dir / ls / gci	Get child items (contents of a folder or registry key).
Backup-GPO		Backup group policy objects (GPOs).
Restore-GPO		Restore one or all GPOs from a GPO backup.
Import-GPO		Import Group Policy settings into a specified GPO from a GPO backup.
Group-Object	group	Group objects that contain the same value.
New-Guid		Create a GUID.

H

Get-Help	help	Open the help file.
Update-Help		Download and install the newest help files on your computer.
Add-History		Add entries to the session history.
Clear-History	clhy	Delete entries from the session history.
Get-History	history / h / ghy	Get a listing of the session history.
Invoke-History	r / ihy	Invoke a previously executed Cmdlet.
Get-Host		Get host information (PowerShell Version and Region).
Clear-Host	clear / cls	Clear the screen.
Out-Host	oh	Send output to the host.
Read-Host		Read a line of user input from the host console.
Write-Host		Write customized output to the host/screen.
Get-HotFix		Get Installed hotfixes.

I

IF		Conditionally perform a command.
Invoke-CimMethod	icim	Invoke a method of a CIM class or CIM instance.
Import-Clixml		Import a clixml file and rebuild the PS object.
Import-Csv	ipcsv	Take values from a CSV list and send objects down the pipeline.
Import-PfxCertificate		Import certificates and keys from a Personal Information Exchange(PFX) file.
Write-Information		Specify how PowerShell should handle information stream data.
Get-InitiatorPort		Get one or more host bus adapter (HBA) initiator ports.
Install-Module		Download and install one or more modules from an online gallery.
Install-Package		Install one or more software packages.
Invoke-Command	icm	Run commands on local and remote computers.
Invoke-Expression	iex	Run a PowerShell expression.
Invoke-WebRequest	iwr	Get content from a web page.
Invoke-RestMethod	irm	Send an HTTP or HTTPS request to a RESTful web service.
Get-NetIPAddress		Get IPAddress configuration
Get-Item	gi	Get a file object or get a registry (or other namespace) object.
Invoke-Item	ii	Invoke an executable or open a file (START).
New-Item	md / mkdir / ni	Create a new item in a namespace.
Remove-Item	del / erase / rd / ri /	Remove an item.

	rm/ rmdir	
Set-Item	si	Change the value of an item.
Clear-ItemProperty	clp	Remove the property value from a property.
Copy-ItemProperty	cpp	Copy a property along with its value.
Get-ItemProperty	gp	Retrieve the properties of an object.
Move-ItemProperty	mp	Move a property from one location to another.
New-ItemProperty		Set a new property.
Remove-ItemProperty	rp	Remove a property and its value.
Rename-ItemProperty	rnp	Rename a property at its location.
Set-ItemProperty	sp	Set a property at the specified location to a specified value.
Get-ItemPropertyValue	gpv	Get the value for one or more properties of a specified item.

J

Get-Job	gjb	Get PowerShell background jobs that are running.
Receive-Job	rcjb	Get PowerShell background job results.
Remove-Job	rjb	Delete a PowerShell background job.
Resume-Job	rujb	Restart a suspended job.
Start-Job	sajb	Start a PowerShell background job.
Stop-Job	spjb	Stop a PowerShell background job.
Suspend-Job	sujb	Suspend a PowerShell background job.
Wait-Job	wjb	Wait for a background job.
Job Trigger cmdlets		Get/Set Scheduled job triggers.

K

Stop-Process	kill / spps	Stop a running process.
Add-KdsRootKey		Generate a new root key for the MS.Group KdsSvc within AD.

L

Update-List		Add and remove items from a collection.
New-LocalGroup		Add a new local security group.
Get-LocalGroup		Get the local security groups.
Remove-LocalGroup		Remove a local security group.
Rename-LocalGroup		Rename a local security group.
Set-LocalGroup		Change a local security group.
Add-LocalGroupMember		Add members to a local group.
Get-LocalGroupMember		Get members from a local group.
New-LocalUser		Create a local user account.
Set-LocalUser		Modify a local user account.
Get-Location	pwd / gl	Get and display the current location.
Pop-Location	popd	Set the current working location from the stack.
Push-Location	pushd	Push a location to the stack.
Set-Location	cd / chdir / sl	Set the current working location.

M

Send-MailMessage		Send an email message.
Measure-Object	measure	Measure the properties of an object.
Add-Member		Add a member to an instance of a PowerShell object.

Get-Member	gm	Enumerate the properties of an object.
MessageBox		Display a message box to the user
Find-Module		Find modules from an online gallery.
Get-Module	gmo	Get the modules imported to the session.
Import-Module	ipmo	Add a module to the session.
Install-Module		Download and install modules from an online repository.
New-Module	nmo	Create a new dynamic module (only in memory).
Remove-Module	rmo	Remove a module from the current session.
Save-Module		Save a module locally without installing it.
Get-InstalledModule		Get installed modules on a computer.
Uninstall-Module		Uninstall a module.
Update-Module		Download/install a new module version.
Export-ModuleMember		Export specific module members.
Move-Item	mv / move / mi	Move an item from one location to another.
Set-MpPreference		Configure preferences for Windows Defender.

N

Get-NetAdapter		Get the basic network adapter properties.
Set-NetAdapter		Set the basic network adapter properties.
Disable-NetAdapterBinding		Disable a binding to a network adapter.
Get-NetAdapterVmq		Get the VMQ properties of a network adapter.
Set-NetAdapterVmq		Set the VMQ properties of a network adapter.
Test-NetConnection		Display diagnostic information for a connection.
Get-NetConnectionProfile		Get a connection profile.
Set-NetConnectionProfile		Set a connection profile.
Set-NetFirewallProfile		Configure per-profile settings of Windows Firewall.
Enable-NetFirewallRule		Enable a previously disabled firewall rule.
Set-NetFirewallRule		Modify existing firewall rules.
Get-NetFirewallRule		Retrieve firewall rules from the target computer.
New-NetFirewallRule		Create a new firewall rule and add to a target computer.
Get-NetIPAddress		Get IP address configuration.
New-NetIPAddress		Create and configure an IP address.
Remove-NetIPAddress		Remove an IP address and its configuration.
Set-NetIPAddress		Modify the configuration of an IP address.
Get-NetIPConfiguration		Get IP network configuration.
Get-NetIPInterface		Get an IP interface.
Set-NetIPInterface		Modify an IP interface.
New-NetLbfoTeam		Create a new NIC team.
New-NetNat		Create a NAT object.
New-NetRoute		Create a route in the IP routing table.
Get-NetTCPConnection		Get TCP connections.
Set-NetTCPSetting		Modify a TCP setting.

O

Compare-Object	diff /	Compare the properties of objects.

		compare	
Group-Object	group		Group objects that contain the same value.
Measure-Object			Measure the properties of an object.
New-Object			Create a new .Net object.
Select-Object	select		Select properties of objects.
Sort-Object	sort		Sort objects by property value.
Where-Object			Filter the objects passed along the command pipeline.
Add-OdbcDsn			Add an ODBC DSN.
Out-Default			Set the destination of default output.
Out-File	>		Send output to a file.
Out-GridView	ogv		Send output to an interactive table.
Out-Host	oh		Send output to the host.
Out-Null			Send output to null.
Out-Printer	lp		Send the output to a printer.
Out-String			Send objects to the host as strings.

P

Get-Package			Return a list of all software packages installed using Package Management.
Find-Package			Find software packages in available package sources.
Install-Package			Install one or more software packages.
Uninstall-Package			Uninstall one or more software packages.
Install-PackageProvider			Install one or more Package Management package providers.
Param			Script Parameters.
Get-Partition			Return a list of partition objects.
New-Partition			Create a new partition on an existing Disk object.
Resize-Partition			Resize a partition and the underlying file system.
Set-Partition			Set attributes of a partition: active, read-only, offline.
Convert-Path	cvpa		Convert a ps path to a provider path.
Join-Path			Combine a path and one or more child-paths.
Resolve-Path	rvpa		Resolves the wildcards in a path.
Split-Path			Return part of a path.
Test-Path			Return true if the path exists, otherwise return false.
Pause			Pause and display the message "Press Enter to continue..."
Invoke-Pester			Invoke Pester to recursively run all tests.
Export-PfxCertificate			Export a certificate or a PFXData object to a PFX file.
Get-PfxCertificate			Get pfx certificate information.
Get-PhysicalDisk			Retrieve a list of Physical Disk objects.
Remove-PhysicalDisk			Remove a physical disk from a specified storage pool.
Set-PhysicalDisk			Set attributes on a specific physical disk.
Get-PnpDevice			Return information about PnP devices.
Pop-Location	popd		Set the current working location from the stack.
Push-Location	pushd		Push a location to the stack.
Powershell	pwsh		Launch a PowerShell session/run a script.
Add-Printer			Add a printer to the specified computer.
Get-Printer			Retrieve a list of printers installed on a computer.
Remove-Printer			Remove a printer from the specified computer.

Set-Printer		Update the configuration of an existing printer.
Add-PrinterDriver		Install a printer driver on the computer.
Add-PrinterPort		Install a printer port on the computer.
Get-PrintJob		Retrieve a list of print jobs from the specified printer.
Process		Function PROCESS block.
Get-Process	ps / gps	Get a list of processes on a machine.
Debug-Process		Attach a debugger to a running process.
Start-Process	start / saps	Start one or more processes.
Stop-Process	kill / spps	Stop a running process.
Wait-Process		Wait for a process to stop.
Enable-PSBreakpoint	ebp	Enable a breakpoint in the current console.
Disable-PSBreakpoint	dbp	Disable a breakpoint in the current console.
Get-PSBreakpoint	gbp	Get the currently set breakpoints.
Set-PSBreakpoint	sbp	Set a breakpoint on a line, command, or variable.
Remove-PSBreakpoint	rbp	Delete breakpoints from the current console.
Get-PSCallStack	gcs	Display the current call stack.
Get-PSDrive	gdr	Get drive information (DriveInfo).
New-PSDrive	mount / ndr	Create a mapped network drive.
Remove-PSDrive	rdr	Remove a provider/drive from its location.
Get-PSProvider		Get information for the specified provider.
Set-PSdebug		Turn script debugging on or off.
Disable-PSRemoting		Disable remote session configuration on the local computer.
Enable-PSRemoting		Configure the computer to receive remote commands.
Get-PSRepository		Get PowerShell repositories.
Register-PSRepository		Register a PowerShell repository.
Set-PSRepository		Set values for a registered repository.
Connect-PSSession	cnsn	Reconnect to a disconnected session.
Disconnect-PSSession	dnsn	Disconnect from a session.
Enter-PSSession	etsn	Start an interactive session with a remote computer.
Exit-PSSession	exsn	End an interactive session with a remote computer.
Export-PSSession	epsn	Import commands and save them in a PowerShell module.
Get-PSSession	gsn	Get the PSSessions in the current session.
Import-PSSession	ipsn	Import commands from another session.
New-PSSession	nsn	Create a persistent connection to a local or remote computer.
Receive-PSSession	rcsn	Receive a PSSession.
Remove-PSSession	rsn	Close PowerShell sessions.
Disable-PSSessionConfiguration		Disable session configurations on the local computer.
Enable-PSSessionConfiguration		Enable session configurations on the local computer.
Get-PSSessionConfiguration		Get the registered PS session configuration.
Register-PSSessionConfiguration		Create and register a new PS session configuration.
Set-PSSessionConfiguration		Change properties of a registered session configuration.
Unregister-PSSessionConfiguration		Delete registered PS session configuration.
New-PSSessionConfigurationFile		Create a file that defines a session configuration.

New-PSSessionOption		Advanced options for a PSSession.
Add-PsSnapIn		Add snap-ins to the console.
Get-PsSnapin		List PowerShell snap-ins on this computer.
Remove-PSSnapin		Remove PowerShell snap-ins from the console.

R

Get-Random		Get a random number.
Read-Host		Read a line of input from the host console.
Clear-RecycleBin		Clear the RecycleBin.
Remove-Item	del / erase / rd / ri / rm / rmdir	Remove an item.
Rename-Item	ren / rni	Change the name of an existing item.
Rename-ItemProperty	rnp	Rename a property of an item.
Restart-Computer		Restart the Operating System on a computer.
Return		Exit the current scope, (function, script, or script block).
Run/Call	&	Run a command (call operator).

S

Scheduler cmdlets		Get/Set scheduled jobs.
Confirm-SecureBootUEFI		Confirm that Secure Boot is enabled on the local computer.
Select-Object	select	Select properties of objects.
Select-XML		Find text in an XML string or document.
New-SelfSignedCertificate		Create a new self-signed certificate for testing purposes.
Send-MailMessage		Send an email message.
Get-Service	gsv	Get a list of services.
New-Service		Create a new service.
Restart-Service		Stop and then restart a service.
Resume-Service		Resume a suspended service.
Set-Service		Change the start mode/properties of a service.
Start-Service	sasv	Start a stopped service.
Stop-Service	spsv	Stop a running service.
Suspend-Service		Suspend a running service.
Sort-Object	sort	Sort objects by property value.
Get-SmbConnection		Retrieve the connections established from the SMB client to the SMB servers.
Get-SmbOpenFile		Information about files that are open on behalf of SMB server clients.
Get-SMBMapping		Get an SMB mapping.
New-SmbMapping		Create an SMB mapping.
Remove-SmbMapping		Remove an SMB mapping.
Get-SmbSession		Retrieve information about current SMB sessions.
Set-SmbClientConfiguration		Set the SMB client configuration.
Get-SmbServerConfiguration		Get the SMB Server configuration.
Set-SmbServerConfiguration		Set the SMB Server configuration.
Get-SmbShare		Retrieve the SMB shares on the computer.
Set-SmbShare		Modify the properties of an SMB share.
New-SmbShare		Create an SMB share.

Remove-SmbShare		Remove an SMB share.
Get-SmbShareAccess		Retrieve the ACL of an SMB share.
Grant-SmbShareAccess		Add an allow ACE for a trustee to the security descriptor of the SMB share.
Set-StrictMode		Enforce coding rules in expressions & scripts.
Get-StartApps		Get the names and IDs of apps installed on the Start Menu.
Export-StartLayout		Export layout of the Start screen as an .xml file.
Import-StartLayout		Import the layout of the Start into a mounted Windows image.
Start-Sleep	sleep	Suspend shell, script, or runspace activity.
Get-StorageJob		Information about long-running Storage module jobs, such as a repair task.
New-StoragePool		Create a new storage pool using a group of physical disks.
Switch		Check multiple conditions.
ConvertFrom-StringData		Convert a here-string into a hash table.
Select-String	sls	Search through strings or files for patterns.

T

Tee-Object	tee	Send input objects to two places.
New-Timespan		Create a timespan object.
Get-TimeZone	gtz	Get the current time zone or a list of available time zones.
Set-TimeZone	stz	Set the system time zone to a specified time zone.
Get-TlsCipherSuite		Get the list of cipher suites for TLS for a computer.
Get-Tpm		Trusted Platform Module (TPM).
Trace-Command	trcm	Trace an expression or command.
Get-Tracesource		Get components that are instrumented for tracing.
Set-Tracesource		Trace a PowerShell component.
Start-Transaction		Start a new transaction.
Complete-Transaction		Commit the transaction.
Get-Transaction		Get information about the active transaction.
Use-Transaction		Add a command or expression to the transaction.
Undo-Transaction		Roll back a transaction.
Start-Transcript		Start a transcript of a command shell session.
Stop-Transcript		Stop the transcription process.
Trap		Handle a terminating error.
Try ... Catch		Handle a terminating error within a scriptblock.
Add-Type		Add a .NET Framework type to a PowerShell session.
Update-TypeData		Update extended type configuration.

U

Get-Uiculture		Get the ui culture information.
Unblock-File		Unblock files downloaded from the Internet.
Get-Unique	gu	Get the unique items in a collection.
Update-Formatdata		Update and append format data files.
Update-Help		Download and install help files.
Update-Typedata		Update the current extended type configuration.

V

Clear-Variable	clv	Remove the value from a variable.
Get-Variable	gv	Get a PowerShell variable.
New-Variable	nv	Create a new variable.

Remove-Variable	rv	Remove a variable and its value.
Set-Variable	set / sv	Set a variable and a value.
Get-VirtualDisk		Return a list of VirtualDisks across storage pools/providers.
New-VirtualDisk		Create a new virtual disk in the specified storage pool.
Get-Volume		Get the specified Volume object, or all Volume objects.
Format-Volume		Format one or more volumes.
New-Volume		Create a volume with the specified file system.
Optimize-Volume		Optimize a volume.
Repair-Volume		Perform repairs on a volume.
Add-VpnConnection		Add a VPN connection to the Connection Manager phone book.
Get-VpnConnection		Retrieve the specified VPN connection profile information.
Set-VpnConnection		Change the config. of a VPN connection profile.
Add-VpnConnectionRoute		Add a route to a VPN connection.

W

Checkpoint-WebApplicationMonitoring		Create a checkpoint for an IIS web app.
Get-WebApplicationMonitoringStatus		Get the monitoring status of web apps.
New-WebServiceProxy		Create a Web service proxy object.
Invoke-WebRequest	iwr	Get content from a web page.
Where-Object	where / ?	Filter input from the pipeline.
Where method		Filter objects from a collection.
While		Loop while a condition is True.
Add-WindowsCapability		Install a Windows capability package on the specified OS image.
Get-WindowsCapability		Get capabilities for an image or a running OS.
Remove-WindowsCapability		Uninstall a Windows capability package from an image.
Export-WindowsDriver		
Add-WindowsFeature		Install roles, role services, and features. (Server 2008 R2).
Get-WindowsFeature		Retrieve roles, role services, and features.
Install-WindowsFeature		Install roles, role services, or features (Server 2012 R2).
Uninstall-WindowsFeature		Uninstall/remove roles, role services, and features (2012 R2)
Mount-WindowsImage		Mount a Windows image (WIM or VHD file) to a directory on the local computer.
Repair-WindowsImage		Repair a Windows image in a WIM or VHD file.
Disable-WindowsOptionalFeature		Disable a feature in a Windows image.
Enable-WindowsOptionalFeature		Enable a feature in a Windows image.
Get-WindowsOptionalFeature		Get information about optional features in a Windows image.
Add-WindowsPackage		Add a single .cab or .msu file to a Windows image.
Get-WindowsPackage		Get information about packages in a Windows image.
Remove-WindowsPackage		Remove a package from a Windows image.
Get-WindowsUpdateLog		Merge Windows Update .etl files into a single log file.
Set-WinSystemLocale		Set the system locale for the current computer.
Set-WinUserLanguageList		Set the language list/properties for the current user.
Write-Debug		Write a debug message to the console (5).
Write-Error		Write an object to the error pipeline (2).

Write-Host		Display text on screen.
Write-Information		Write to the information data stream (6).
Write-Output	write / echo	Write an object to the pipeline (1).
Write-Progress		Display a progress bar.
Write-Verbose		Write a string to the host's verbose display (4).
Write-Warning		Write a warning string (3) in reverse video to the display.
Set-WmiInstance	swmi	Create or update an instance of an existing WMI class.
Invoke-WmiMethod	iwmi	Call WMI methods.
Get-WmiObject	gwmi	Get WMI class information.
Remove-WmiObject	rwmi	Delete an instance of a WMI class.
Connect-WSMan		Connect to the WinRM service on a remote computer.
Disconnect-WSMan		Disconnect from the WinRM service on a remote computer.
Test-WSMan		Test if a computer is setup to receive remote commands.
Invoke-WSManAction		Invoke an action on a specified object.
Disable-WSManCredSSP		Disable Credential Security Service Provider (SSP) authentication.
Enable-WSManCredSSP		Enable Credential SSP authentication.
Get-WSManCredSSP		Get the Credential SSP configuration.
New-WSManInstance		Create a new instance of a management resource.
Get-WSManInstance		Display management information (XML or value).
Set-WSManInstance		Modify the management information related to a resource.
Remove-WSManInstance		Delete a management resource instance.
Set-WSManQuickConfig		Configure the local computer for remote management.
New-WSManSessionOption		Options for WSMan commands.

Z

Zipfile		Compress or Extract zip files.
	#	Comment / Remark.
	.	Run a command script in the current shell. **Source** or dot operator.
	&	Run a command, script or function. **Call** operator.
	%	Alias for ForEach-Object.
	--%	Stop parsing input.
	?	Alias for Where-Object.
$*variable* = "*value*"		Define a variable also: ${n!a#me} = "value".
	$_	The current pipeline object.
	@(...)	Force an expression to be evaluated as an array.
	`	Escape or Continue on the next line.

The cmdlets above are listed in A-Z order, matching the *Verb-* and/or *-Noun* and/or *Alias* of the cmdlet (so some duplicates).
To scroll this page, press [a – z] on the keyboard, also on the detail pages 's' = syntax 'e' = examples, '\' = Search.

PowerShell can also run all the standard CMD commands (external commands), `.cmd` batch files will run within a CMD.exe shell (so can include *internal* CMD commands), plus all Resource Kit utilities. VBScript can also be run via `cscript`. [Examples]

Related

A shorter list of Basic Windows PowerShell cmdlets.
Active Directory cmdlets.

Websites, additional Cmdlets, Utilities and Books for PowerShell.
SS64 PowerShell Discussion forum.