

Useful Commands		Assignment, Logical, Comparison Operators		Aliases for Common commands		Arrays, Objects	
Update-Help	Downloads and installs newest help files	+=, -=, *=, /=, %=, +, --, =	Assigns one or more values to a variable	Gcm	Get-Command	Fl	Format-List
Get-Help	Displays information about commands and concepts	-and,-or,-not,-xor,! -eq, -ne -gt, -ge -lt, -le -replace -match,-notmatch -like,-notlike -contains,-notcontains -in, -notin	Connect expressions / statements Equal, not equal Greater than, greater than or equal Less than, less than or equal "Hi" -replace "H", "P" Regular expression match Wildcard matching Check if value in array Reverse of contains,notcontains	Foreach,%	Foreach-Object	Gcim	Get-CimInstance
Get-Command	Gets all commands			Sort	Sort-Object	Cat,gc,type	Get-Content
Get-Member	Gets the properties and methods of objects			Where,?	Where-Object	Sc	Set-Content
Get-Module	Gets the modules that have been imported or that can be imported into the current session			Diff,compare	Compare-Object	h,history,ghy	Get-History
Get-Service	Gets the services on a local or remote computer			Dir, ls, gci	Get-ChildItem	r,hy	Invoke-History
Get-Process	Gets the processes that are running on the local computer or a remote computer			Gi	Get-Item	Gp	Get-ItemProperty
Flow Control		Case-Sensitive Comparison -ceq,-cne,-clike,-cnotlike,-cnotmatch,-cccontains,-cnotcontains		Copy,cp,cpi	Copy-Item	Sp	Set-ItemProperty
If(){ } ElseIf(){ } Else{ }		Case-Insensitive Comparison -ieq,-ine,-ilike,-inotlike,-notmatch,-icontains,-inotcontains		Move,mv,mi	Move-Item	Pwd,gl	Get-Location
while() { }				Del,rm	Remove-Item	Gm	Get-Member
For(\$i=0; \$i -lt 10; \$i++) { }				Rni,ren	Rename-Item	Sls	Select-String
ForEach(\$file in dir C:\) {\$file.name}				Ft	Format-Table	Cd,chdir,sl	Set-Location
1..10 foreach{\$_}				Gcm	Get-Command	Cls,clear	Clear-Host
Importing, Exporting, Converting		Setting Security Policy		Part of Cmdlets		Comments, Escape Characters	
Export-CliXML	Import-CliXML	View and change execution policy with Get-Execution and Set-Execution policy:		Get-EventLog	Get-WinEvent	Get-Date	#, <#...#>
ConvertTo-XML	ConvertTo-HTML	Get-Executionpolicy		New-Item	Set-Item	Move-Item	'''test'''
Export-CSV	Import-CSV	Set-Executionpolicy	- Restricted - AllSigned - RemoteSigned - Unrestricted	Copy-Item	Remove-Item	Compare-Object	`t
ConvertTo-CSV	ConvertFrom-CSV			Get-Content	Set-Content	Add-Content	`n
				Start-Sleep	Start-Job	Get-CimInstance	`
				Get-Credential	Test-Connection	New-PSSession	&
				Test-Path	Split-Path	Get-History	First token of the previous command line
				Get-ADUser	Get-ADComputer	New-ISESnippet	\$_, \$PSItem
				Get-WMIOBJECT	Out-File	Out-String	\$profile
							\$PsVersionTable
							Details about the version of PowerShell