

CHEAT SHEET

12 of the most-used PowerShell cmdlets

TechTarget's SearchWindowsServer site has created this PDF of the 12 PowerShell cmdlets users might find themselves employing time and time again.

1. Get-Command

SYNTAX: **Get-Command**

```
[-Verb <String[]>
[-Noun <String[]>
[-Module <String[]>
[-FullyQualifiedModule <ModuleSpecification[]>
[-TotalCount <Int32>]
[-Syntax]
[-ShowCommandInfo]
[[-ArgumentList] <Object[]>]
[-All]
[-ListImported]
[-ParameterName <String[]>]
[-ParameterType <PSTypeName[]>]
[<CommonParameters>]
```

EXAMPLE: `Get-Command Get-*`

COMMAND REFERENCE: [Click here](#)

2. Get-Help

SYNTAX: `Get-Help <Command Name>`

EXAMPLE: `Get-Help Get-Process`

COMMAND REFERENCE: [Click here](#)

3. Get-Process

SYNTAX: `Get-Process [[-Name] <String[]> [-Module] [-FileVersionInfo] [<CommonParameters>]`

EXAMPLE: `Get-Process PowerShell`

COMMAND REFERENCE: [Click here](#)

4. Get-Service

SYNTAX: `Get-Service [[-Name] <String[]> [-DependentServices] [-RequiredServices] [-Include <String[]> [-Exclude <String[]>] [<CommonParameters>]`

EXAMPLE: `Get-Service VSS`

COMMAND REFERENCE: [Click here](#)

5. ConvertTo-Html

SYNTAX: ConvertTo-Html [-InputObject <PSObject>] [[-Property] <Object[]>]
[[-Body] <String[]>] [[-Head] <String[]>] [[-Title] <String>] [-As <String>]
[-CssUri <Uri>] [-PostContent <String[]>] [-PreContent <String[]>] [-Meta <Hashtable>]
[-Charset <String>] [-Transitional] [<CommonParameters>]

EXAMPLE: Set-Service | ConvertTo-Html | Out-File C:\Temp\Services.htm

COMMAND REFERENCE: [Click here](#)

6. Get-ChildItem

SYNTAX: Get-ChildItem [[-Path] <string[]>] [[-Filter] <string>] [-Include <string[]>]
[-Exclude <string[]>] [-Recurse] [-Depth <uint>] [-Force] [-Name] [<CommonParameters>]

EXAMPLE: Get-ChildItem -Path C:\Temp

COMMAND REFERENCE: [Click here](#)

7. Copy-Item

SYNTAX: Copy-Item [-Path] <String[]> [[-Destination] <String>] [-Container] [-Force]
[-Filter <String>] [-Include <String[]>] [-Exclude <String[]>] [-Recurse] [-PassThru]
[-Credential <PSCredential>] [-WhatIf] [-Confirm] [-FromSession <PSSession>]
[-ToSession <PSSession>] [<CommonParameters>]

EXAMPLE: Copy-Item "C:\Folder1\Data.txt" -Destination "C:\Folder2"

COMMAND REFERENCE: [Click here](#)

8. Set-ExecutionPolicy

SYNTAX: Set-ExecutionPolicy [-ExecutionPolicy] <ExecutionPolicy> [[-Scope]
<ExecutionPolicyScope>] [-Force] [-WhatIf] [-Confirm] [<CommonParameters>]

EXAMPLE: Set-ExecutionPolicy Unrestricted

COMMAND REFERENCE: [Click here](#)

9. Get-History

SYNTAX: Get-History [[-Id] <Int64[]>] [[-Count] <Int32>] [<CommonParameters>]

EXAMPLE: Get-History -Count 5

COMMAND REFERENCE: [Click here](#)

10. Get-Content

SYNTAX: Get-Content [-ReadCount <Int64>] [-TotalCount <Int64>] [-Tail <Int32>] [-Path]
<String[]> [-Filter <String>] [-Include <String[]>] [-Exclude <String[]>] [-Force]
[-Credential <PSCredential>] [-Delimiter <String>] [-Wait] [-Raw] [-Encoding <Encoding>]
[-AsByteStream] [-Stream <String>] [<CommonParameters>]

EXAMPLE: Get-Content -Path C:\Temp\ReadMe.txt

COMMAND REFERENCE: [Click here](#)

11. Out-File

SYNTAX: `Out-File [-FilePath] <string> [[-Encoding] <Encoding>] [-Append] [-Force] [-NoClobber] [-Width <int>] [-NoNewline] [-InputObject <pobject>] [-WhatIf] [-Confirm] [<CommonParameters>]`

EXAMPLE: `Get-Service | Out-File -FilePath C:\Temp\Services.txt`

COMMAND REFERENCE: [Click here](#)

12. Invoke-Item

SYNTAX: `Invoke-Item [-Path] <String[]> [-Filter <String>] [-Include <String[]>] [-Exclude <String[]>] [-Credential <PSCredential>] [-WhatIf] [-Confirm] [<CommonParameters>]`

EXAMPLE: `Invoke-Item C:\Temp\Services.htm`

COMMAND REFERENCE: [Click here](#)
