

## 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 <psobject>] [-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](#)

---