



Windows PowerShell Get-Help on Cmdlet 'New-NetSwitchTeam'

PS:\>Get-HELP New-NetSwitchTeam -Full

NAME

New-NetSwitchTeam

SYNOPSIS

Creates a switch team.

SYNTAX

```
New-NetSwitchTeam [-Name] <String> [-TeamMembers] <String[]> [-AsJob] [-CimSession <CimSession[]>]
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The New-NetSwitchTeam cmdlet creates a switch team. A switch team must have a name for the team and must be created with one or more members, or network adapters.

The network switch team is a team that is controlled by a Hyper-V extensible switch forwarding extension. No other cmdlets can be used to manage a switch team and the

Network Switch Team Cmdlets in Windows PowerShell must not be used to manage standard, or non-switch, network adapter teams.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession`

(<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or

[`Get-CimSession`](<https://go.microsoft.com/fwlink/p/?LinkId=227966>)cmdlet. The default is the current session on the local computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <String>

Specifies the name of the switch team being created. The name must be a unique team name that does not exist as either a switch team or Load-Balancing/Fail-Over team name.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TeamMembers <String[]>

Specifies one or more network adapters to add as members of the team. A new team must have at least one member upon creation. The network adapters must already exist and not be part of another team.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then

Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

None

NOTES

----- Example 1: Create a team -----

```
PS C:\>New-NetSwitchTeam -Name "SwitchTeam01" -TeamMembers "Ethernet 2","Ethernet 3"
```

This command creates a team named SwitchTeam01 that has two network adapter members.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/netswitchteam/new-netswitchteam?view=windowsserver2022-ps&wt.mc_id=powershell-gethelp

Get-NetSwitchTeam

Remove-NetSwitchTeam

Rename-NetSwitchTeam