



Windows PowerShell Get-Help on Cmdlet 'Get-NetworkSwitchFeature'

PS:\>Get-HELP Get-NetworkSwitchFeature -Full

NAME

Get-NetworkSwitchFeature

SYNOPSIS

Gets features of a network switch.

SYNTAX

Get-NetworkSwitchFeature -CimSession <CimSession> -Disabled [<CommonParameters>]

Get-NetworkSwitchFeature -CimSession <CimSession> -Enabled [<CommonParameters>]

Get-NetworkSwitchFeature -CimSession <CimSession> [-Name <String>] [<CommonParameters>]

DESCRIPTION

The Get-NetworkSwitchFeature cmdlet gets features of a network switch.

PARAMETERS

-CimSession <CimSession>

Specifies the CimSession that this cmdlet uses to connect to the network switch. For more information about CimSession objects, type ``Get-Help New-CimSession``.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Disabled [<SwitchParameter>]

Indicates that this cmdlet gets only disabled features.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Enabled [<SwitchParameter>]

Indicates that this cmdlet gets only enabled features.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Name <String>

Specifies the name of a feature to get. Use wildcard characters to specify multiple features.

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>).

INPUTS

None

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance

Microsoft.Management.Infrastructure.CimInstance#MSFT_Feature

NOTES

----- Example 1: Get all features -----

```
PS C:\>$Session = New-CimSession -ComputerName "NetworkSwitch08"
```

```
PS C:\> Get-NetworkSwitchFeature -CimSession $Session
```

Name	IsEnabled	InstanceId	PSComputerName
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```

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-----
SSH                True Contoso:Feature:2  10.19.26.49
Tacacs             True Contoso:Feature:3  10.19.26.49
BGP               False Contoso:Feature:4  10.19.26.49
VLAN              True Contoso:Feature:5  10.19.26.49
LACP              True Contoso:Feature:6  10.19.26.49
DHCP              False Contoso:Feature:7  10.19.26.49
LLDP              True Contoso:Feature:8  10.19.26.49

```

The first command creates a CimSession for a network switch, and then stores it in the \$Session variable. For more information about CimSession objects, type

```
`Get-Help New-CimSession`.
```

The second command gets the features for the switch NetworkSwitch08 by using the \$Session object. This example shows representative results.

```
----- Example 2: Get all enabled features -----
```

```
PS C:\>Get-NetworkSwitchFeature -CimSession $Session -Enabled
```

This command gets all the enabled features on a network switch. The command includes a CimSession , similar to the first example.

```
----- Example 3: Get all disabled features -----
```

```
PS C:\>Get-NetworkSwitchFeature -CimSession $Session -Disabled
```

This command gets all the disabled features on a network switch. The command includes a CimSession , similar to the first example.

```
----- Example 4: Get features by using a name -----
```

```
PS C:\>Get-NetworkSwitchFeature -CimSession $Session -FeatureName "*BGP*"
```

This command gets all features that contain the string BGP on a network switch. The command includes a CimSession , similar to the first example.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/networkswitchmanager/get-networkswitchfeature?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Disable-NetworkSwitchFeature

Enable-NetworkSwitchFeature