



python



PowerShell

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PowerShell Get-Help on command 'Set-NetworkSwitchVlanProperty'

PS C:\Users\wahid> Get-Help Set-NetworkSwitchVlanProperty

NAME

Set-NetworkSwitchVlanProperty

SYNOPSIS

Modifies properties on a VLAN on a network switch.

SYNTAX

```
Set-NetworkSwitchVlanProperty -CimSession <CimSession> [-Confirm] -InputObject  
<CimInstance[]> [-Property <Hashtable>] [-WhatIf] [<CommonParameters>]
```

```
Set-NetworkSwitchVlanProperty -CimSession <CimSession> [-Confirm] [-Property  
<Hashtable>] -VlanId <Int32[]> [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-NetworkSwitchVlanProperty cmdlet modifies settable properties on a virtual local area network (VLAN) on 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`.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-Property <Hashtable>

Specifies a hash table of name/value pairs. The cmdlet sets the properties that this parameter specifies.

-VlanId <Int32[]>

Specifies an array of VLAN IDs of VLANs to modify.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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>).

----- Example 1: Set properties for a VLAN -----

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

```
PS C:\> $VlanName = "Contoso VLAN 07"
```

```
PS C:\> $Description = "This VLAN is used to create a virtual Contoso company LAN"
```

```
PS C:\> Set-NetworkSwitchVlanProperty -VlanId 12 -Property @{ElementName =  
$VlanName; Description = $Description} -CimSession $Session
```

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 and third commands assign values to the \$VlanName variable and the \$Description variable. These are the values of the key/value pairs.

The final command modifies the properties of the VLAN identified by the VLAN ID 5 to include the name/value pairs specified by the Property parameter. The command uses standard syntax to create a hash table that contains the name/value pairs. The command operates on the network switch named NetworkSwitch08 by using the \$Session object.

REMARKS

To see the examples, type: "get-help Set-NetworkSwitchVlanProperty -examples".

For more information, type: "get-help Set-NetworkSwitchVlanProperty -detailed".

For technical information, type: "get-help Set-NetworkSwitchVlanProperty -full".

For online help, type: "get-help Set-NetworkSwitchVlanProperty -online"