



python



PowerShell

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PowerShell Get-Help on command 'Get-SmbMapping'

PS C:\Users\wahid> Get-Help Get-SmbMapping

NAME

Get-SmbMapping

SYNOPSIS

Retrieves the SMB client directory mappings created for a server.

SYNTAX

```
Get-SmbMapping [[-LocalPath] <String[]>] [[-RemotePath] <String[]>] [-AsJob]
[-CimSession <CimSession[]>] [-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-SmbMapping cmdlet retrieves the Server Message Block (SMB) client directory mappings created for a server. This can be a mapping from a local drive letter to a remote shared folder, or it can be a mapping without a local path.

PARAMETERS

-AsJob [<SwitchParameter>]

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

`-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.

`-LocalPath <String[]>`

Specifies the local path used to map the remote path on this computer.

`-RemotePath <String[]>`

Specifies the remote path that is accessed from this computer.

`-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.

`<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: Get SMB client directory mappings -----

Status	Local Path
	Remote Path
-----	-----

OK	X:
	\\Contoso-SO\VMFiles
OK	Y:
	\\Contoso-FS\VMS1

This command retrieves the SMB client directory mappings created for the SMB server.

- Example 2: Get SMB client directory mapping for a directory -

```
PS C:\>Get-SmbMapping -LocalPath X: | Select-Object -Property *
```

```
Status          : OK
LocalPath       : X:
RemotePath      : \\Contoso-SO\VMFiles
PSComputerName  :
CimClass        : ROOT/Microsoft/Windows/SMB:MSFT_SmbMapping
CimInstanceProperties : {LocalPath, RemotePath, Status}
CimSystemProperties : Microsoft.Management.Infrastructure.CimSystemProperties
```

This command retrieves the SMB client directory mapping for the X: directory created for the SMB server.

REMARKS

To see the examples, type: "get-help Get-SmbMapping -examples".

For more information, type: "get-help Get-SmbMapping -detailed".

For technical information, type: "get-help Get-SmbMapping -full".

For online help, type: "get-help Get-SmbMapping -online"