



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

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

NAME

Get-SmbWitnessClient

SYNOPSIS

Retrieves information about the SMB clients connected to the SMB witness servers in a cluster.

SYNTAX

```
Get-SmbWitnessClient [[-ClientName] <String[]>] [-AsJob] [-CimSession <CimSession[]>] [-Flags {Invalid | NetworkName  
| ShareName | MultiChannel}] [-State {Unknown |  
Connected | Registered | RequestedNotifications | Cancelled | Disconnected}] [-ThrottleLimit <Int32>]  
[<CommonParameters>]
```

DESCRIPTION

The Get-SmbWitnessClient cmdlet retrieves information about Server Message Block (SMB) witness client registrations with SMB witness servers in a failover cluster.

SMB witness clients can register for notification for multiple resources in the failover cluster, so there may be multiple entries for the same SMB witness client.

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

-ClientName <String[]>

Specifies one or more SMB clients by name.

Required? false

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Flags <Flags[]>

Specifies an array of flags.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-State <State[]>

Specifies that the output is filtered based on the state of the SMB witness client registrations with SMB witness servers in a failover cluster. The acceptable

values for this parameter are:

- Connected

- Registered

- RequestedNotifications

- Cancelled

- Disconnected

- Unknown

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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>).

INPUTS

None

OUTPUTS

None

NOTES

Example 1: Get information about all the SMB clients for the witness servers in a cluster

```
PS C:\> Get-SmbWitnessClient
```

Client Computer Name	Witness Node Name	File Server Node Name	Network Name	Share Name
-----	-----	-----	-----	-----
Server01	FileServer1	FileServer2	FSCluster	Share
Server02	FileServer2	FileServer1	FSCluster	Share
Server02	FileServer2	FileServer1	FSCluster	

This example retrieves information about the all of the SMB clients connected to the SMB witness servers in a cluster.

----- Example 2: Get information about a named SMB client -----

```
PS C:\>Get-SmbWitnessClient -ClientName "Server01"
```

Client Computer Name	Witness Node Name	File Server Node Name	Network Name	Share Name
-----	-----	-----	-----	-----
Server01	FileServer1	FileServer2	FSCluster	Share

This example retrieves information about the SMB client named Server01 connected to the SMB witness servers in a cluster.

RELATED LINKS

Online

Version:

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

Move-SmbWitnessClient