PowerShell Get-Help on command 'Get-SmbWitnessClient'

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

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.

-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.

-ClientName <String[]>

Specifies one or more SMB clients by name.

-Flags <Flags[]>

Specifies an array of flags.

-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

-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 PowerShellr 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 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.

REMARKS

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

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

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

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