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### ***Windows PowerShell Get-Help on Cmdlet 'Get-SmbBandwidthLimit'***

**PS:\>Get-HELP Get-SmbBandwidthLimit -Full**

#### **NAME**

Get-SmbBandwidthLimit

#### **SYNOPSIS**

Gets the list of SMB bandwidth caps for each traffic category.

#### **SYNTAX**

```
Get-SmbBandwidthLimit [[-Category] {Default | VirtualMachine | LiveMigration | StorageReplication} [-AsJob]
[-CimSession <CimSession[]>] [-ThrottleLimit <Int32>
[<CommonParameters>]
```

#### **DESCRIPTION**

The Get-SmbBandwidthLimit cmdlet gets the list of Server Message Block (SMB) bandwidth caps for each traffic category. SMB bandwidth caps limit the amount of data that the server can send for each traffic category.

#### **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

**-Category <BandwidthLimitCategory[]>**

Specifies an array of categories of SMB bandwidth limits to get. The acceptable values for this parameter are:

- Default

- VirtualMachine

- LiveMigration

Required?        false

Position?        1

Default value    None

Accept pipeline input?    True (ByPropertyName)

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/?LinkId=227967>)

or

[Get-CimSession] (<https://go.microsoft.com/fwlink/?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

#### -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

## OUTPUTS

## NOTES

\* Before you can use this cmdlet, you must enable the feature by using the following command:

`Install-WindowsFeature -Name FS-SMBBW` For more information, type

`Get-Help Install-WindowsFeature`. When you enable the feature, the SMB server creates a new SMB performance

counter set that has an instance per category. The performance counters in this set use the same counters as the SMB Client Shares performance counters.

----- Example 1: Get SMB bandwidth caps for all categories -----

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

This command gets the SMB bandwidth caps for all traffic categories.

----- Example 2: Get SMB bandwidth caps for a category -----

```
PS C:\> Get-SmbBandwidthLimit -Category LiveMigration
```

This command gets the SMB bandwidth cap for Live Migration traffic.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/smbshare/get-smbbandwidthlimit?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/smbshare/get-smbbandwidthlimit?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Install-WindowsFeature

Set-SmbBandwidthLimit

Remove-SmbBandwidthLimit