



python



PowerShell

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PowerShell Get-Help on command 'Get-SmbShareAccess'

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

NAME

Get-SmbShareAccess

SYNOPSIS

Retrieves the ACL of the SMB share.

SYNTAX

```
Get-SmbShareAccess [-AsJob] [-CimSession <CimSession[]>] -InputObject  
<CimInstance[]> [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

```
Get-SmbShareAccess [-Name] <String[]> [[-ScopeName] <String[]>] [-AsJob]  
[-CimSession <CimSession[]>] [-SmbInstance {Default | CSV | SBL | SR}]  
[-ThrottleLimit <Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Get-SmbShareAccess cmdlet gets objects that represent the rights that have been granted to security principles to access the Server Message Block (SMB) share.

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.

`-InputObject <CimInstance[]>`

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

`-Name <String[]>`

Specifies the name of the SMB share for which the access rights are retrieved.

`-ScopeName <String[]>`

Specifies the scope of the share by name.

`-SmbInstance <SmbInstance>`

Specifies the input to this cmdlet. You can use this parameter, or you can pipe the input to this cmdlet.

`-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.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-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: Get the ACL of a share -----

```
PS C:\>Get-SmbShareAccess -Name "VMFiles"
```

Name	ScopeName	AccountName	AccessControlType	AccessRight
-----	-----	-----		
-----	-----			
VMFiles	Contoso-SO	Contoso\Administrator	Allow	Full
VMFiles	Contoso-SO	Contoso\Contoso-HV1\$	Allow	Full

This command retrieves the ACL of an SMB share named VMFiles.

----- Example 2: Get the ACL of a share for a server -----

```
PS C:\>Get-SmbShareAccess -Name "VMFiles" -ScopeName "Contoso-SO" | Format-List
```

```
Name          : VMFiles
ScopeName     : Contoso-SO
```

AccountName : Contoso\Administrator

AccessControlType : Allow

AccessRight : Full

Name : VMFiles

ScopeName : Contoso-SO

AccountName : Contoso\Contoso-HV1\$

AccessControlType : Allow

AccessRight : Full

This command displays the information about the ACL of an SMB share named VMFiles connected to the SMB server named Contoso-SO.

REMARKS

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

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

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

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