



python



PowerShell

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PowerShell Get-Help on command 'Block-SmbShareAccess'

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

NAME

Block-SmbShareAccess

SYNOPSIS

Adds a deny ACE for a trustee to the security descriptor of the SMB share.

SYNTAX

```
Block-SmbShareAccess [-AccountName <String[]>] [-AsJob] [-CimSession  
<CimSession[]>] [-Force] -InputObject <CimInstance[]> [-ThrottleLimit <Int32>]  
[-Confirm] [-WhatIf] [<CommonParameters>]
```

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

DESCRIPTION

The Block-SmbShareAccess cmdlet adds a deny access control entry (ACE) to the security descriptor of the Server Message Block (SMB) share.

PARAMETERS

-AccountName <String[]>

Specifies the name of the account for the user who is being denied access to the share. Use a comma-separated list to deny share access to multiple accounts.

-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.

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

-InputObject <CimInstance[]>

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

-Name <String[]>

Specifies the name of the SMB share.

-ScopeName <String[]>

Specifies the scope of the share specified 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

----- Example 1: Add a deny ACS -----

```
PS C:\>Block-SmbShareAccess -Name VMFiles -AccountName Contoso\Guest
```

Confirm

Are you sure you want to perform this action?

Performing operation 'Modify' on Target 'Contoso-SO,VMFiles'.

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default

is "Y"): Y

Name	ScopeName	AccountName
AccessControlType	AccessRight	

```

-----
-----
VMFiles          Contoso-SO      Contoso\Guest    Deny
                Full
VMFiles          Contoso-SO      Contoso\Administrator Allow
                Full
VMFiles          Contoso-SO      Contoso\Contoso-HV1$ Allow
                Full
VMFiles          Contoso-SO      Contoso\Contoso-HV2$ Allow
                Full
VMFiles          Contoso-SO      Contoso\Domain Admins Allow
                Change

```

This command adds a deny ACE for a trustee to the security descriptor of an SMB share named VMFiles.

----- Example 2: Add a deny ACS without confirmation -----

```
PS C:\>Block-SmbShareAccess -Name VMFiles -AccountName "Guest Users" -Force
```

```

Name            ScopeName      AccountName
AccessControlType AccessRight
-----
-----
VMFiles          Contoso-SO      Contoso\Guest    Deny
                Full
VMFiles          Contoso-SO      Contoso\Administrator Allow
                Full
VMFiles          Contoso-SO      Contoso\Contoso-HV1$ Allow
                Full
VMFiles          Contoso-SO      Contoso\Contoso-HV2$ Allow
                Full
VMFiles          Contoso-SO      Contoso\Domain Admins Allow
                Change

```

This command adds a deny ACE for a trustee to the security descriptor of an SMB share named VMFiles without confirmation from the user.

REMARKS

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

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

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

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