



Windows PowerShell Get-Help on Cmdlet 'Revoke-SmbShareAccess'

PS:\>Get-HELP Revoke-SmbShareAccess -Full

NAME

Revoke-SmbShareAccess

SYNOPSIS

Removes all of the allow ACEs for a trustee from the security descriptor of the SMB share.

SYNTAX

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

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

DESCRIPTION

The Revoke-SmbShareAccess cmdlet removes all of the allow access control entries (ACEs) for a trustee from the security descriptor of the Server Message Block (SMB)

share.

PARAMETERS

`-AccountName <String[]>`

Specifies an array of names of the trustees. Use a comma-separated list to specify multiple trustees.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-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

-Force [<SwitchParameter>]

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <CimInstance[]>

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

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <String[]>

Specifies an array of names of the SMB shares.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ScopeName <String[]>

Specifies an array of names of the scopes.

Required? false

Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SmbInstance <SmbInstance>

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

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

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

Required? false
Position? named
Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

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

Microsoft.Management.Infrastructure.CimInstance#root/Microsoft/Windows/SMB/MSFT_SmbShareAccessControlEntry

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management Instrumentation (WMI) objects. The path after the

pound sign (#) provides the namespace and class name for the underlying WMI object. This cmdlet returns a MSFT_SmbShareAccessControlEntry object.

NOTES

----- Example 1: Remove the allow ACEs for a trustee -----

```
PS C:\>Revoke-SmbShareAccess -Name "VMFiles" -AccountName "Domain Admins"
```

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\Administrator	Allow	Full
VMFiles	Contoso-SO	Contoso\Contoso-HV1\$	Allow	Full
VMFiles	Contoso-SO	Contoso\Contoso-HV2\$	Allow	Full

This command removes all of the allow ACEs for a trustee from the security descriptor of the SMB share named VMFiles.

Example 2: Remove the allow ACEs for a trustee without confirmation

```
PS C:\>Revoke-SmbShareAccess -Name "VMFiles" -AccountName "Contoso\Contoso-HV2$" -Force
```

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

This command removes all of the allow ACEs for a trustee from the security descriptor of the SMB share named VMFiles without user confirmation.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/smbshare/revoke-smbshareaccess?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Block-SmbShareAccess

Get-SmbShareAccess

Grant-SmbShareAccess

Unblock-SmbShareAccess