



python



PowerShell

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PowerShell Get-Help on command 'Grant-SmbShareAccess'

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

NAME

Grant-SmbShareAccess

SYNOPSIS

Adds an allow access control entry (ACE) for a trustee to the security descriptor of the Server Message Block (SMB) share.

SYNTAX

```
Grant-SmbShareAccess [-AccessRight {Full | Change | Read}] [-AccountName  
<String[]>] [-AsJob] [-CimSession <CimSession[]>] [-Force] -InputObject  
<CimInstance[]> [-ThrottleLimit <Int32>] [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

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

DESCRIPTION

The Grant-SmbShareAccess cmdlet adds an allow access control entry (ACE) for a trustee to a security descriptor of the Server Message Block (SMB) share.

PARAMETERS

-AccessRight <ShareAccessRight>

Specifies the access right to grant to the trustee. The acceptable values for this parameter are: Full, Change, or Read.

-AccountName <String[]>

Specifies the name of the trustee. Use a comma-separated list to specify multiple trustees.

-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 (/powershell/module/cimcmdlets/new-cimsession) 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 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: Adds an allow ACE for a trustee -----

```
PS C:\>Grant-SmbShareAccess -Name "VMFiles" -AccountName  
"Contoso\Contoso-HV2$" -AccessRight Full
```

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

This command adds an allow ACE for a trustee to the security descriptor of the SMB share named VMFiles for the account named Contoso\Contoso-HV2\$.

Example 2: Adds an allow ACE for a trustee without confirmation

```
PS C:\>Grant-SmbShareAccess -Name VMFiles -AccountName "Contoso\Domain Admins" -AccessRight Change -Force
```

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

This command adds an allow ACE for a trustee to the security descriptor of the SMB share named VMFiles for the account named Contoso\Contoso-HV2\$ without user confirmation.

REMARKS

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

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

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

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