Windows PowerShell Get-Help on Cmdlet 'Grant-FileShareAccess'

PS:\>Get-HELP Grant-FileShareAccess -Full

NAME

   Grant-FileShareAccess

SYNOPSIS

   Grants access to a file share.

SYNTAX

   Grant-FileShareAccess -AccessRight {Full | Modify | Read | Custom} -AccountName <String[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-FileServer

   <CimInstance>] -Name <String[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

   Grant-FileShareAccess -AccessRight {Full | Modify | Read | Custom} -AccountName <String[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] -InputObject

   <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

   Grant-FileShareAccess -AccessRight {Full | Modify | Read | Custom} -AccountName <String[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-PassThru]

   [-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Grant-FileShareAccess cmdlet grants access to a file share for the specified accounts by adding an Allow access control entry (ACE) to the share's security

descriptor.

PARAMETERS

-AccessRight <AccessRight>

Specifies the access rights for the accounts. The acceptable values for this parameter are:

- Full

- Modify

- Read

- Custom

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-AccountName <String[]>

Specifies an array of account names. This cmdlet grants file share access to the account names that you specify.

Required?   true

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

-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

-FileServer <CimInstance>

Specifies a file server.

    Required?   false

    Position?   named

    Default value   None

    Accept pipeline input?   True (ByValue)

    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 file share names. This cmdlet grants access to the file share names you specify. Because the file share name is not a worldwide unique name,

you can use a different parameter set to avoid confusion.

    Required?   true

    Position?   named

    Default value   None

    Accept pipeline input?   False

    Accept wildcard characters? false

-PassThru [<SwitchParameter>]

    Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

    Required?   false

Position?   named

Default value   False

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 PowerShellr 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

-UniqueId <String[]>

   Specifies an array of unique IDs of file shares.

   Required?   true

   Position?   named

   Default value   None

   Accept pipeline input?   True (ByPropertyName)

   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

OUTPUTS

NOTES

    * When used in Failover Cluster, cmdlets from the Storage module operate on cluster level (all servers in the cluster).

    ------------ Example 1: Grant full access to a user ------------

PS C:\>Grant-FileShareAccess -Name "SalesFiles" -AccessRight "Full" -AccountName "Contoso\Jack"

This command grants Jack full access to the SalesFiles file share.

RELATED LINKS

                                                            Online   Version:

https://learn.microsoft.com/powershell/module/storage/grant-fileshareaccess?view=windowsserver2022-ps&wt.mc_id=ps-ge

thelp

Block-FileShareAccess

Revoke-FileShareAccess

Unblock-FileShareAccess