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

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

NAME

   Block-FileShareAccess

SYNOPSIS

   Blocks access to a file share.

SYNTAX

   Block-FileShareAccess -AccountName <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-FileServer <CimInstance>] -Name <String[]> [-PassThru]

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

   Block-FileShareAccess -AccountName <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru] [-ThrottleLimit <Int32>]

  [-WhatIf] [<CommonParameters>]

   Block-FileShareAccess -AccountName <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] -UniqueId <String[]> [-WhatIf]

  [<CommonParameters>]

DESCRIPTION

   The Block-FileShareAccess cmdlet blocks access to the specified file share for the specified accounts by adding an access-denied access control entry (ACE) to the

   share's security descriptor.

PARAMETERS

  -AccountName <String[]>

    Specifies an array of account names to block.

    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 on which to set permissions.

```
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 the name of the file share for which the user is being granted access. Because the share name is not a worldwide unique name, 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.

    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: Block file share access --------------

PS C:\>Block-FileShareAccess -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 blocks the Guest account from accessing VMFiles.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/storage/block-fileshareaccess?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Grant-FileShareAccess

Revoke-FileShareAccess

Unblock-FileShareAccess