## Windows PowerShell Get-Help on Cmdlet 'Get-FileShare'

*PS:\>Get-HELP Get-FileShare -Full*

NAME

   Get-FileShare

SYNOPSIS

   Retrieves file share objects and their properties.

SYNTAX

  Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-FileServer <CimInstance>] [-Name <String[]>] [-Protocol {NFS |
SMB}] [-ThrottleLimit <Int32>]

  [<CommonParameters>]


  Get-FileShare [-AsJob] [-CimSession <CimSession[]>] [-Name <String[]>] [-Protocol {NFS | SMB}] [-ThrottleLimit <Int32>]
[-Volume <CimInstance>] [<CommonParameters>]


    Get-FileShare  [-AsJob]  [-CimSession  <CimSession[]>]  [-Name  <String[]>]  [-Protocol  {NFS  |  SMB}]  [-Subsystem
<CimInstance>] [-ThrottleLimit <Int32>] [<CommonParameters>]


     Get-FileShare   [-AsJob]   [-CimSession   <CimSession[]>]   [-ThrottleLimit   <Int32>]   [-UniqueId   <String[]>]
[<CommonParameters>]

DESCRIPTION

The Get-FileShare cmdlet gets objects that correspond to the file shares on the specified server. You must have local administrator credentials on a server to

retrieve the objects.

PARAMETERS

-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

-FileServer <CimInstance>

Specifies the file server on which the file share is hosted. To obtain a FileServer , use the Get-StorageFileServer

cmdlet.

    Required?              false

    Position?           named

    Default value       None

    Accept pipeline input?    True (ByValue)

    Accept wildcard characters?  false

  -Name <String[]>

    Specifies the name of the file share to get.

    Required?              false

    Position?           named

    Default value       None

    Accept pipeline input?    False

    Accept wildcard characters?  false

  -Protocol <FileSharingProtocol[]>

    Specifies the file sharing protocol of the file shares that this cmdlet gets. The acceptable values for this parameter are:

SMB and NFS.

    Required?              false

    Position?           named

    Default value       None

    Accept pipeline input?    False

    Accept wildcard characters?  false

  -Subsystem <CimInstance>

    Specifies the storage subsystem from which to get file shares. To obtain a StorageSubsystem object, use the

Get-StorageSubSystem cmdlet.

    Required?              false

    Position?           named

Default value            None

Accept pipeline input?      True (ByValue)

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 a unique ID.


Required?            false

Position?            named

Default value            None

Accept pipeline input?       True (ByPropertyName)

Accept wildcard characters?  false


-Volume <CimInstance>

Specified the volume object that contains the file share to get. To obtain a volume, use the Get-Volume cmdlet.


Required?            false

Position?            named

Default value            None

Accept pipeline input?      True (ByValue)

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: Get all file shares on the local server ------


PS C:\>Get-FileShare


This command lists all the file shares on the local server. You must have local administrator permissions on the server to

run this command.

Example 2: Get all NFS file shares on the specified file server


PS C:\>Get-FileShare -Protocol NFS -FileServer (Get-StorageFileServer -FriendlyName "FileServer01")


This command lists all NFS file shares on the file server named FileServer01. You must have local administrator

credentials on the server to run this command. The

command gets the file server by using the Get-StorageFileServer cmdlet.


RELATED LINKS

https://learn.microsoft.com/powershell/module/storage/get-fileshare?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Get-StorageFileServer

Get-StorageSubSystem

Get-Volume