PowerShell Get-Help on command 'New-StorageFileServer'

PS C:\Users\wahid> Get-Help New-StorageFileServer

NAME

　　New-StorageFileServer

SYNOPSIS

　　Creates a storage file server.

SYNTAX

　　New-StorageFileServer [-AsJob] [-CimSession <CimSession[]>] [-FriendlyName

　　<String>] -HostNames <String[]> -InputObject <CimInstance[]> -Protocols {NFS |

　　SMB} [-ThrottleLimit <Int32>] [<CommonParameters>]

　　New-StorageFileServer [-StorageSubSystemFriendlyName] <String[]> [-AsJob]

　　[-CimSession <CimSession[]>] [-FriendlyName <String>] -HostNames <String[]>

　　-Protocols {NFS | SMB} [-ThrottleLimit <Int32>] [<CommonParameters>]

　　New-StorageFileServer [-AsJob] [-CimSession <CimSession[]>] [-FriendlyName

　　<String>] -HostNames <String[]> -Protocols {NFS | SMB} -StorageSubSystemName

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

　　New-StorageFileServer [-AsJob] [-CimSession <CimSession[]>] [-FriendlyName

<String>] -HostNames <String[]> -Protocols {NFS | SMB}

-StorageSubSystemUniqueId <String[]> [-ThrottleLimit <Int32>]

[<CommonParameters>]

DESCRIPTION

The New-StorageFileServer cmdlet creates a file server for a specified Storage

subsystem exposed by a Storage provider. For Windows network-attached storage

(NAS), this cmdlet enables the necessary roles and features to implement a

scale-out file server instance on a cluster.

Not all systems support file servers other than the default.

PARAMETERS

-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

(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.

-FriendlyName <String>

Specifies a friendly name for the file server. A friendly name is not

required to be unique.

Some Storage subsystems do not allow a friendly name when creating a file

server. In this scenario, the file server may be assigned a friendly name

by this operation.

-HostNames <String[]>

   Specifies an array of names of access points for the file server.

-InputObject <CimInstance[]>

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

-Protocols <FileSharingProtocol[]>

   Specifies the file sharing protocol. Valid values are: SMB, NFS, or both.

-StorageSubSystemFriendlyName <String[]>

   Specifies the friendly name of the Storage subsystem to host the file

   server.

-StorageSubSystemName <String[]>

   Specifies the name of the Storage subsystem to host the file server.

-StorageSubSystemUniqueId <String[]>

   Specifies the unique ID of the Storage subsystem to host the file server.

-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.

<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: Create a file server ---------------

PS C:\>New-StorageFileServer -FriendlyName "SalesFiles"

-StorageSubSystemFriendlyName "Sales-cluster" -HostName "salesfiles" -Protocol

SMB -ContinuouslyAvailabe $True

This command creates a scale-out file server on the sales-cluster subsystem.

REMARKS

To see the examples, type: "get-help New-StorageFileServer -examples".

For more information, type: "get-help New-StorageFileServer -detailed".

For technical information, type: "get-help New-StorageFileServer -full".

For online help, type: "get-help New-StorageFileServer -online"