



Windows PowerShell Get-Help on Cmdlet 'New-AzStorageSyncServerEndpoint'

PS:\>Get-HELP New-AzStorageSyncServerEndpoint -Full

NAME

New-AzStorageSyncServerEndpoint

SYNOPSIS

This command creates a new server endpoint on a registered server. This enables the specified path on the server to start syncing the files with other endpoints in the sync group.

SYNTAX

```
New-AzStorageSyncServerEndpoint [-ParentObject] <Microsoft.Azure.Commands.StorageSync.Models.PSSyncGroup>
[-AsJob] [-CloudTiering] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-InitialDownloadPolicy {AvoidTieredFiles | NamespaceOnly |
    NamespaceThenModifiedFiles}] [-InitialUploadPolicy {Merge | ServerAuthoritative}] [-LocalCacheMode
{DownloadNewAndModifiedFiles | UpdateLocallyCachedFiles}] -Name
    <System.String> -ServerLocalPath <System.String> -ServerResourceId <System.String> [-TierFilesOlderThanDays
    <System.Nullable`1[System.Int32]>]
[-VolumeFreeSpacePercent <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-AzStorageSyncServerEndpoint [-ParentResourceId] <System.String> [-AsJob] [-CloudTiering] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-InitialDownloadPolicy {AvoidTieredFiles | NamespaceOnly |
    NamespaceThenModifiedFiles}] [-InitialUploadPolicy {Merge | ServerAuthoritative}] [-LocalCacheMode
{DownloadNewAndModifiedFiles | UpdateLocallyCachedFiles}] -Name
    <System.String> -ServerLocalPath <System.String> -ServerResourceId <System.String> [-TierFilesOlderThanDays
<System.Nullable`1[System.Int32]>]
[-VolumeFreeSpacePercent <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
New-AzStorageSyncServerEndpoint [-ResourceGroupName] <System.String> [-StorageSyncServiceName]
<System.String> [-SyncGroupName] <System.String> [-AsJob]
    [-CloudTiering] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InitialDownloadPolicy
{AvoidTieredFiles
    | NamespaceOnly | NamespaceThenModifiedFiles}] [-InitialUploadPolicy {Merge | ServerAuthoritative}]
[-LocalCacheMode {DownloadNewAndModifiedFiles |
    UpdateLocallyCachedFiles}] -Name <System.String> -ServerLocalPath <System.String> -ServerResourceId
<System.String> [-TierFilesOlderThanDays
    <System.Nullable`1[System.Int32]>] [-VolumeFreeSpacePercent <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

This command creates a new server endpoint on a registered server. This enables the specified path on the server to start syncing the files with other endpoints in

the sync group. If there are already files on other endpoints in the sync group and this newly added location also contains files, a reconciliation process will

attempt to determine if files are in fact the same ones in the same folders as on other endpoints. The namespaces will merge and reconciliation helps to prevent

conflict files. If there are files on other server endpoints it is often better to start with an empty location on this server, so that the files from the cloud come

down to the server in an automatic process called fast disaster recovery. Namespace metadata will be synced down first, then the data stream of each file is

downloaded. If a file is requested by a user or application out of download order, that file will be recalled with priority to satisfy the access request. You can

optionally use cloud tiering on this server endpoint to determine if this endpoint is supposed to become a cache of the complete set of files from the cloud. If cloud

tiering is used, then the file content download will stop at the point defined by the cloud tiering policies you can set.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-CloudTiering <System.Management.Automation.SwitchParameter>

Cloud Tiering Parameter

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InitialDownloadPolicy <System.String>

Initial download policy Parameter

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InitialUploadPolicy <System.String>

Initial upload policy Parameter

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-LocalCacheMode <System.String>

Local cache mode Parameter

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Name of the ServerEndpoint.

Required? true

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ParentObject <Microsoft.Azure.Commands.StorageSync.Models.PSSyncGroup>

SyncGroup Object, normally passed through the parameter.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-ParentResourceId <System.String>

SyncGroup Parent Resource Id

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ServerLocalPath <System.String>

Server Local Path Parameter

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ServerResourceId <System.String>

RegisteredServer Resource Id

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-StorageSyncServiceName <System.String>

Name of theStorageSyncService.

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SyncGroupName <System.String>

Name of the SyncGroup.

Required? true
Position? 2
Default value None
Accept pipeline input? False

Accept wildcard characters? false

-TierFilesOlderThanDays <System.Nullable`1[System.Int32]>

Tier Files Older Than Days Parameter

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VolumeFreeSpacePercent <System.Nullable`1[System.Int32]>

Volume Free Space Percent Parameter

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.StorageSync.Models.PSSyncGroup

System.String

OUTPUTS

Microsoft.Azure.Commands.StorageSync.Models.PSServerEndpoint

NOTES

----- Example 1 -----

```
$RegisteredServer = Get-AzStorageSyncServer -ResourceGroupName "myResourceGroup" -StorageSyncServiceName  
"myStorageSyncServiceName"
```



```
New-AzStorageSyncServerEndpoint -ResourceGroupName "myResourceGroup" -StorageSyncServiceName  
"myStorageSyncServiceName" -SyncGroupName "mySyncGroupName" -Name  
"myServerEndpointName" -ServerResourceId $RegisteredServer.ResourceId -ServerLocalPath "myServerLocalPath"  
-CloudTiering -TierFilesOlderThanDays  
"myTierFilesOlderThanDays"
```

This command creates a new server endpoint on a registered server and inserts it into a sync group. This way it is part of a topology of other endpoints and file

metadata and content will immediately start to sync between all locations referenced as endpoints in the sync group.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/Az.storage/new-AzStorageSyncServerEndpoint>