



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

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

NAME

New-AzStorageContainer

SYNOPSIS

Creates an Azure storage container.

SYNTAX

```
New-AzStorageContainer [-Name] <System.String> [[-Permission] {Off | Container | Blob | Unknown}]
[-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>] [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>]
[-DefaultEncryptionScope <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-PreventEncryptionScopeOverride <System.Boolean> [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[<CommonParameters>]
```

DESCRIPTION

The New-AzStorageContainer cmdlet creates an Azure storage container.

PARAMETERS

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

Specifies the client-side time-out interval, in seconds, for one service request. If the previous call fails in the specified interval, this cmdlet retries the request. If this cmdlet does not receive a successful response before the interval elapses, this cmdlet returns an error.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the maximum concurrent network calls. You can use this parameter to limit the concurrency to throttle local CPU and bandwidth usage by specifying the

maximum number of concurrent network calls. The specified value is an absolute count and is not multiplied by the core count. This parameter can help reduce

network connection problems in low bandwidth environments, such as 100 kilobits per second. The default value is 10.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>

Specifies a context for the new container.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-DefaultEncryptionScope <System.String>

Default the container to use specified encryption scope for all writes.

Required? true

Position? named

Default value None

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

-Name <System.String>

Specifies a name for the new container.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Permission <System.Nullable`1[Microsoft.Azure.Storage.Blob.BlobContainerPublicAccessType]>

Specifies the level of public access to this container. By default, the container and any blobs in it can be accessed only by the owner of the storage account. To

grant anonymous users read permissions to a container and its blobs, you can set the container permissions to enable public access. Anonymous users can read blobs

in a publicly available container without authenticating the request. The acceptable values for this parameter are: - Container. Provides full read access to a

container and its blobs. Clients can enumerate blobs in the container through anonymous request, but cannot enumerate containers in the storage account. - Blob.

Provides read access to blob data throughout a container through anonymous request, but does not provide access to container data. Clients cannot enumerate blobs

in the container by using anonymous request. - Off. Which restricts access to only the storage account owner.

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

-PreventEncryptionScopeOverride <System.Boolean>

Block override of encryption scope from the container default.

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

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

Specifies the service side time-out interval, in seconds, for a request. If the specified interval elapses before the service processes the request, the storage service returns an error.

Required?	false
Position?	named
Default value	None

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

System.String

Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageContainer

NOTES

----- Example 1: Create an Azure storage container -----

New-AzStorageContainer -Name "ContainerName" -Permission Off

This command creates a storage container.

----- Example 2: Create multiple Azure storage containers -----

```
"container1 container2 container3".split() | New-AzStorageContainer -Permission Container
```

This example creates multiple storage containers. It uses the Split method of the .NET String class and then passes the names on the pipeline.

Example 3: Create an Azure storage container with Encryption Scope

```
$container = New-AzStorageContainer -Name "mycontainer" -DefaultEncryptionScope "myencryptscope"  
-PreventEncryptionScopeOverride $true
```

```
$container.BlobContainerProperties.DefaultEncryptionScope  
myencryptscope
```

```
$container.BlobContainerProperties.PreventEncryptionScopeOverride  
True
```

This command creates a storage container, with default Encryption Scope as myencryptscope, and prevent blob upload with different Encryption Scope to this container.

RELATED LINKS

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

Get-AzStorageContainer

Remove-AzStorageContainer

Set-AzStorageContainerAcl