



Windows PowerShell Get-Help on Cmdlet 'Set-AzStorageContainerAcl'

PS:\>Get-HELP Set-AzStorageContainerAcl -Full

NAME

Set-AzStorageContainerAcl

SYNOPSIS

Sets the public access permission to a storage container.

SYNTAX

```
Set-AzStorageContainerAcl [-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>] [-DefaultProfile
                                <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>]
[<CommonParameters>]
```

DESCRIPTION

The Set-AzStorageContainerAcl cmdlet sets the public access permission to the specified storage container in Azure.

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 the Azure storage context. You can create it by using the `New-AzStorageContext` cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

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 container name.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-PassThru <System.Management.Automation.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

-Permission <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 in 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. Restricts access to only the storage account owner.

Required?	true
Position?	1
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. Server side time out for each request.

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>).

INPUTS

System.String

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

OUTPUTS

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

NOTES

----- Example 1: Set azure storage container ACL by name -----

```
Set-AzStorageContainerAcl -Container "Container01" -Permission Off -PassThru
```

This command creates a container that has no public access.

Example 2: Set azure storage container ACL by using the pipeline

```
Get-AzStorageContainer container* | Set-AzStorageContainerAcl -Permission Blob -PassThru
```

This command gets all storage containers whose name starts with container and then passes the result on the pipeline to set the permission for them all to Blob access.

RELATED LINKS

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

[Get-AzStorageContainer](#)

[New-AzStorageContainer](#)

[Remove-AzStorageContainer](#)