



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

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

NAME

Set-AzStorageBlobImmutabilityPolicy

SYNOPSIS

Creates or updates ImmutabilityPolicy of a Storage blob.

SYNTAX

```
Set-AzStorageBlobImmutabilityPolicy [-Blob] <System.String> [-Container] <System.String> [-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>] -ExpiresOn
<System.Nullable`1[System.DateTimeOffset]> [-PolicyMode
{Unlocked | Locked | Mutable}] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-TagCondition
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-AzStorageBlobImmutabilityPolicy -BlobBaseClient <Azure.Storage.Blobs.Specialized.BlobBaseClient>
[-ClientTimeoutPerRequest <System.Nullable`1[System.Int32]>]
                                     [-ConcurrentTaskCount          <System.Nullable`1[System.Int32]>]          Page 6 of 7
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ExpiresOn
<System.Nullable`1[System.DateTimeOffset]> [-PolicyMode
    {Unlocked | Locked | Mutable}] [-ServerTimeoutPerRequest <System.Nullable`1[System.Int32]>] [-TagCondition
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzStorageBlobImmutabilityPolicy cmdlet creates or updates ImmutabilityPolicy of a Storage blob. The cmdlet only works when the blob container has already enabled immutable Storage with versioning.

PARAMETERS

-Blob <System.String>

Blob name

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BlobBaseClient <Azure.Storage.Blobs.Specialized.BlobBaseClient>

BlobBaseClient Object

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

The client side maximum execution time for each request in seconds.

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

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

The total amount of concurrent async tasks. The default value is 10.

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

-Container <System.String>

Container name

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

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

Azure Storage Context Object

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

-ExpiresOn <System.Nullable`1[System.DateTimeOffset]>

Blob ImmutabilityPolicy ExpiresOn

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PolicyMode <System.String>

Blob ImmutabilityPolicy PolicyMode

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The server time out for each request in seconds.

Required? false

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

-TagCondition <System.String>

Optional Tag expression statement to check match condition. The blob request will fail when the blob tags does not match the given expression. See details in

<https://learn.microsoft.com/en-us/rest/api/storageservices/specifying-conditional-headers-for-blob-service-operations#tags-conditional-operations>.

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

Azure.Storage.Blobs.Specialized.BlobBaseClient

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

OUTPUTS

Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureStorageBlob

NOTES

Example 1: Create or update immutability policy of a Storage blob.

```
$blob = Set-AzStorageBlobImmutabilityPolicy -Container $containerName -Blob $blobname -ExpiresOn  
(Get-Date).AddDays(100) -PolicyMode Unlocked
```

\$blob

AccountName: mystorageaccount, ContainerName: mycontainer

Name	BlobType	Length	ContentType	LastModified	AccessTier	SnapshotTime
------	----------	--------	-------------	--------------	------------	--------------

IsDeleted VersionId

testblob	BlockBlob	10485760	application/octet-stream	2021-07-19 08:56:00Z	Hot	
----------	-----------	----------	--------------------------	----------------------	-----	--

False

2021-07-19T08:56:01.8120788Z *

\$blob.BlobProperties.ImmutabilityPolicy

ExpiresOn	PolicyMode
-----------	------------

10/27/2021 8:56:32 AM +00:00	Unlocked
------------------------------	----------

This command creates or updates ImmutabilityPolicy of a Storage blob, then show the blob and its ImmutabilityPolicy.

The command only works when the blob container

has already enabled immutable Storage with versioning.

RELATED LINKS

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