



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

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

NAME

New-AzStorageContainerSASToken

SYNOPSIS

Generates an SAS token for an Azure storage container.

SYNTAX

```

New-AzStorageContainerSASToken [-Name] <System.String> [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EncryptionScope
<System.String>] [-ExpiryTime
<System.Nullable`1[System.DateTime]>] [-FullUri] [-IPAddressOrRange <System.String>] [-Permission <System.String>]
[-Protocol {HttpsOnly | HttpsOrHttp}] [-StartTime
<System.Nullable`1[System.DateTime]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

New-AzStorageContainerSASToken [-Name] <System.String> [-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EncryptionScope
<System.String>] [-ExpiryTime

```

<System.Nullable`1[System.DateTime]>] [-FullUri] [-IPAddressOrRange <System.String>] -Policy <System.String>
[-Protocol {HttpsOnly | HttpsOrHttp}] [-StartTime
<System.Nullable`1[System.DateTime]>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzStorageContainerSASToken cmdlet generates a Shared Access Signature (SAS) token for an Azure storage container.

PARAMETERS

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

Specifies an Azure storage context. You can create it by using the New-AzStorageContext cmdlet. When the storage context is based on OAuth authentication, will
generates a User Identity container SAS token.

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

-EncryptionScope <System.String>

Encryption scope to use when sending requests authorized with this SAS URI.

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

-ExpiryTime <System.Nullable`1[System.DateTime]>

Specifies the time at which the shared access signature becomes invalid. If the user sets the start time but not the expiry time, the expiry time is set to the start time plus one hour. If neither the start time nor the expiry time is specified, the expiry time is set to the current time plus one hour. When the storage context is based on OAuth authentication, the expire time must be in 7 days from current time, and must not be earlier than current time.

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

-FullUri <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet return the full blob URI and the shared access signature token.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-IPAddressOrRange <System.String>

Specifies the IP address or range of IP addresses from which to accept requests, such as 168.1.5.65 or 168.1.5.60-168.1.5.70. The range is inclusive.

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

-Name <System.String>

Specifies an Azure storage container name.

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

-Permission <System.String>

Specifies permissions for a storage container. It is important to note that this is a string, like `rwd` (for Read, Write and Delete). The permissions that are supported for container resource type are described here (<https://learn.microsoft.com/rest/api/storageservices/create-service-sas#permissions-for-a-directory-container-or-blob>).

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

-Policy <System.String>

Specifies an Azure Stored Access Policy.

Required? true
Position? named

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

-Protocol <System.Nullable`1[Microsoft.Azure.Storage.SharedAccessProtocol]>

Specifies the protocol permitted for a request. The acceptable values for this parameter are: * HttpsOnly

* HttpsOrHttp

The default value is HttpsOrHttp.

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

-StartTime <System.Nullable`1[System.DateTime]>

Specifies the time at which the shared access signature becomes valid.

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>).

INPUTS

System.String

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

OUTPUTS

System.String

NOTES

Example 1: Generate a container SAS token with full container permission

```
New-AzStorageContainerSASToken -Name "Test" -Permission rwdl
```

This example generates a container SAS token with full container permission.

- Example 2: Generate multiple container SAS token by pipeline -

```
Get-AzStorageContainer -Container test* | New-AzStorageContainerSASToken -Permission rwdl
```

This example generates multiple container SAS tokens by using the pipeline.

Example 3: Generate container SAS token with shared access policy

```
New-AzStorageContainerSASToken -Name "Test" -Policy "PolicyName"
```

This example generates a container SAS token with shared access policy.

Example 3: Generate a User Identity container SAS token with storage context based on OAuth authentication

```
$ctx = New-AzStorageContext -StorageAccountName $accountName -UseConnectedAccount
```

```
$StartTime = Get-Date
```

```
$EndTime = $StartTime.AddDays(6)
```

```
New-AzStorageContainerSASToken -Name "ContainerName" -Permission rwd -StartTime $StartTime -ExpiryTime  
$EndTime -context $ctx
```

This example generates a User Identity container SAS token with storage context based on OAuth authentication

RELATED LINKS

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

New-AzStorageBlobSASToken