



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

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

NAME

New-AzStorageTableSASToken

SYNOPSIS

Generates an SAS token for an Azure Storage table.

SYNTAX

```

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

```

```

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

```

```

<System.String>] [-EndRowKey <System.String>]
    [-ExpiryTime <System.Nullable`1[System.DateTime]>] [-FullUri] [-IPAddressOrRange <System.String>] -Policy
<System.String> [-Protocol {HttpsOnly | HttpsOrHttp}]
    [-StartPartitionKey <System.String>] [-StartRowKey <System.String>] [-StartTime
<System.Nullable`1[System.DateTime]>] [<CommonParameters>]

```

DESCRIPTION

The New-AzStorageTableSASToken cmdlet generates a Shared Access Signature (SAS) token for an Azure Storage table.

PARAMETERS

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

Specifies an Azure storage context. To obtain a storage context, use 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

-EndPartitionKey <System.String>

Specifies the partition key of the end of the range for the token that this cmdlet creates.

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

-EndRowKey <System.String>

Specifies the row key for the end of the range for the token that this cmdlet creates.

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

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

Specifies when the SAS token expires.

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

-FullUri <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet returns the full queue URI with the SAS 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 the name of an Azure Storage table. This cmdlet creates an SAS token for the table that this parameter specifies.

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

-Permission <System.String>

Specifies permissions for an Azure Storage table. It is important to note that this is a string, like `rwd` (for Read, Write and Delete).

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

-Policy <System.String>

Specifies a stored access policy, which includes the permissions for this SAS token.

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

-Protocol <System.Nullable`1[Microsoft.Azure.Cosmos.Table.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

-StartPartitionKey <System.String>

Specifies the partition key of the start of the range for the token that this cmdlet creates.

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

-StartRowKey <System.String>

Specifies the row key for the start of the range for the token that this cmdlet creates.

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

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

Specifies when the SAS token becomes valid.

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

System.String

NOTES

Example 1: Generate an SAS token that has full permissions for a table

```
New-AzStorageTableSASToken -Name "ContosoResources" -Permission "raud"
```

This command generates an SAS token with full permissions for the table named ContosoResources. That token is for read, add, update, and delete permissions.

-- Example 2: Generate an SAS token for a range of partitions --

```
New-AzStorageTableSASToken -Name "ContosoResources" -Permission "raud" -StartPartitionKey "a" -EndPartitionKey "b"
```

This command generates an SAS token with full permissions for the table named ContosoResources. The command limits the token to the range that the StartPartitionKey and EndPartitionKey parameters specify.

Example 3: Generate an SAS token that has a stored access policy for a table

```
New-AzStorageTableSASToken -Name "ContosoResources" -Policy "ClientPolicy01"
```

This command generates an SAS token for the table named ContosoResources. The command specifies the stored access policy named ClientPolicy01.

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

New-AzStorageContext