



Windows PowerShell Get-Help on Cmdlet 'New-AzDataLakeGen2SasToken'

PS:\>Get-HELP New-AzDataLakeGen2SasToken -Full

NAME

New-AzDataLakeGen2SasToken

SYNOPSIS

Generates a SAS token for Azure DatalakeGen2 item.

SYNTAX

```

New-AzDataLakeGen2SasToken [-FileSystem] <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.DateTimeOffset]>] [-FullUri] [-IPAddressOrRange <System.String>] [-Path <System.String>]
[-Permission <System.String>] [-Protocol {None |
HttpsAndHttp | Https}] [-StartTime <System.Nullable`1[System.DateTimeOffset]>] [<CommonParameters>]

```

```

New-AzDataLakeGen2SasToken [-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.DateTimeOffset]>]

[-FullUri]

-InputObject

<Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureDataLakeGen2Item>

[-IPAddressOrRange <System.String>] [-Permission <System.String>] [-Protocol {None | HttpsAndHttp | Https}]

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

[<CommonParameters>]

DESCRIPTION

The New-AzDataLakeGen2SasToken cmdlet generates a Shared Access Signature (SAS) token for an Azure DatalakeGen2 item.

PARAMETERS

-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

-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.DateTimeOffset]>

Expiry Time

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

-FileSystem <System.String>

FileSystem name

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

-FullUri <System.Management.Automation.SwitchParameter>

Display full uri with sas token

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

-InputObject <Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureDataLakeGen2Item>

Azure Datalake Gen2 Item Object to remove.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-IPAddressOrRange <System.String>

IP, or IP range ACL (access control list) that the request would be accepted by Azure Storage.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Path <System.String>

The path in the specified FileSystem that should be retrieved. Can be a file or directory In the format 'directory/file.txt' or 'directory1/directory2/'. Skip set

this parameter to get the root directory of the Filesystem.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Permission <System.String>

Permissions for a blob. Permissions can be any not-empty subset of "racwdlmeop".

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

-Protocol <System.Nullable`1[Azure.Storage.Sas.SasProtocol]>

Protocol can be used in the request with this SAS token.

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

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

Start Time

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.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureDataLakeGen2Item

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

OUTPUTS

System.String

NOTES

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

```
New-AzDataLakeGen2SasToken -FileSystem "filesystem1" -Path "dir1/dir2" -Permission racwdlmeop
```

This example generates a DatalakeGen2 SAS token with full permission.

Example 2: Generate a SAS token with specific StartTime, ExpireTime, Protocol, IPAddressOrRange, Encryption Scope, by pipeline a datalakegen2 item

```
Get-AzDataLakeGen2Item -FileSystem test -Path "testdir/dir2" | New-AzDataLakeGen2SasToken -Permission rw  
-Protocol Https -IPAddressOrRange 10.0.0.0-12.10.0.0  
-StartTime (Get-Date) -ExpiryTime (Get-Date).AddDays(6) -EncryptionScope scopename
```

This example generates a DatalakeGen2 SAS token by pipeline a datalake gen2 item, and with specific StartTime, ExpiryTime, Protocol, IPAddressOrRange, Encryption Scope, and Permission.

ExpireTime, Protocol, IPAddressOrRange, Encryption

Scope.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/new-azdatalakegen2sastoken>