



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataLakeGen2ItemContent'

PS:\>Get-HELP Get-AzDataLakeGen2ItemContent -Full

NAME

Get-AzDataLakeGen2ItemContent

SYNOPSIS

Download a file.

SYNTAX

```
Get-AzDataLakeGen2ItemContent [-FileSystem] <System.String> [-Path] <System.String> [-AsJob] [-CheckMd5]
[-ConcurrentTaskCount <System.Nullable`1[System.Int32]>]
[-Context <Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Destination
<System.String>] [-Force] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Get-AzDataLakeGen2ItemContent [-AsJob] [-CheckMd5] [-ConcurrentTaskCount <System.Nullable`1[System.Int32]>]
[-Context
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.IStorageContext>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Destination
<System.String>] [-Force] -InputObject
```

<Microsoft.WindowsAzure.Commands.Common.Storage.ResourceModel.AzureDataLakeGen2Item> [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

The Get-AzDataLakeGen2ItemContent cmdlet download a file in a Filesystem in an Azure storage account. This cmdlet only works if Hierarchical Namespace is enabled for

the Storage account. This kind of account can be created by run "New-AzStorageAccount" cmdlet with "-EnableHierarchicalNamespace \$true".

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-CheckMd5 <System.Management.Automation.SwitchParameter>

check the md5sum

Required? false

Position? named

Default value False

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

-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

-Destination <System.String>

Destination local file path.

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

-Force <System.Management.Automation.SwitchParameter>

Force to overwrite the existing blob or file

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 download.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Path <System.String>

The path in the specified Filesystem that should be removed. Can be a file or directory In the format 'directory/file.txt' or 'directory1/directory2/'

Required? true

Position? 1

Default value None
Accept pipeline input? True (ByValue)
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

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

NOTES

----- Example 1: Download a file without prompt -----

Get-AzDataLakeGen2ItemContent -FileSystem "filesystem1" -Path "dir1/file1" -Destination \$localDestFile -Force

FileSystem Name: filesystem1

Path	IsDirectory	Length	LastModified	Permissions	Owner	Group
----	-----	-----	-----	-----	-----	
dir1/file1	False	1024	2020-03-23 09:29:18Z	rwx---rwx	\$superuser	\$superuser

This command downloads a file to a local file without prompt.

Example 2: Get a file, then pipeline to download the file to a local file

Get-AzDataLakeGen2Item -FileSystem "filesystem1" -Path "dir1/file1" | Get-AzDataLakeGen2ItemContent -Destination \$localDestFile

FileSystem Name: filesystem1

Path	IsDirectory	Length	LastModified	Permissions	Owner	Group
----	-----	-----	-----	-----	-----	
dir1/file1	False	1024	2020-03-23 09:29:18Z	rwx---rwx	\$superuser	\$superuser

This command first gets a file, then pipeline to download the file to a local file.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.storage/get-azdatalakegen2itemcontent>