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

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

NAME

   Get-BitsTransfer

SYNOPSIS

   Gets the associated BitsJob object for an existing BITS transfer job.

SYNTAX

   Get-BitsTransfer [[-Name] <String[]>] [[-AllUsers]] [<CommonParameters>]

   Get-BitsTransfer [-JobId] <Guid[]> [<CommonParameters>]

DESCRIPTION

   The Get-BitsTransfer cmdlet retrieves a set of Background Intelligent Transfer Service (BITS) transfer jobs. By default, the cmdlet returns the jobs that are owned by

   the current user. However, if you have administrative credentials, you can specify the AllUsers parameter so that the command returns jobs that are owned by all

   users. The returned jobs can be filtered by name or ID. The jobs are represented by BitsJob objects.

PARAMETERS

-AllUsers [<SwitchParameter>]

Indicates that this cmdlet gets BITS transfer jobs that are owned by all users. If this parameter is not specified, only jobs that are owned by the current user

are returned. This parameter requires administrative credentials.

Required?   false

Position?   1

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-JobId <Guid[]>

Specifies an array of BITS jobs by job ID. Only the BITS jobs that include a job ID in this array are returned. If BitsJob objects are piped to this cmdlet, their

job IDs are used as the values of this parameter.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-Name <String[]>

Specifies an array of BITS jobs based on job name. Only BITS jobs with job names that match a name in this array are returned. You can use standard wildcard

characters such as the asterisk (*) and the question mark (?). Or, you can use a range operator such as"[a-r]".

For example, you can use any of the following commands:

`Get-BitsTransfer -Name "BITS*"`

`Get-BitsTransfer -Name "BITS Transfer"`

`Get-BitsTransfer -Name "BITS Transfe[a-r]"`

A combination of the wildcard character and range operators is also possible.

Required?   false

Position?   0

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

Microsoft.BackgroundIntelligentTransfer.Management.BitsJob[]

This cmdlet accepts one or more BitsJob objects as input that populates the JobId parameter (based on the property

name).

OUTPUTS

Microsoft.BackgroundIntelligentTransfer.Management.BitsJob[]

This cmdlet generates the BitsJob objects that are associated with the retrieved BITS transfer jobs.

NOTES

- Example 1: Get all BitsJob objects owned by the current user -

PS C:\> Get-BitsTransfer

JobId	DisplayName	TransferType	JobState	OwnerAccount
07acbe90-7d25-4d05-a...	TestJob2	Download	Suspended	DOMAIN01\user01
c0dd3d8c-c3a2-4562-8...	TestJob1	Download	Transferred	DOMAIN01\user01
1ef8c549-7a92-4173-b...	BitsJobTransfer	Download	Transferred	DOMAIN01\user01
2c8302d5-3f44-4981-8...	BitsJobTransfer	Download	Transferred	DOMAIN01\user01

This command gets all the BitsJob objects that are owned by the current user.

---- Example 2: Get the BitsJob object identified by job ID ----

PS C:\> Get-BitsTransfer -JobId C0DD3D8C-C3A2-4562-8324-80B19224879C

JobId	DisplayName	TransferType	JobState	OwnerAccount
c0dd3d8c-c3a2-4562-8...	TestJob1	Download	Transferred	DOMAIN01\user01

This command gets the BitsJob object that is identified by the specified job ID.

Example 3: Get all BitsJob objects with a specific display name

PS C:\> Get-BitsTransfer -AllUsers -Name "*Microsoft*", "*Windows*"

JobId	DisplayName	TransferType	JobState	OwnerAccount
07acbe90-7d25-4d05-a...	MicrosoftTest	Download	Suspended	DOMAIN01\user01
c0dd3d8c-c3a2-4562-8...	WindowsTest	Download	Transferred	DOMAIN01\user02

This command gets all the BitsJob objects, owned by all users, where the DisplayName property of the BitsJob object contains either Microsoft or Windows. If the user

does not have administrative credentials, this command returns an error because it uses the AllUsers parameter.

Example 4: Get a BitsJob object identified by a specific display name

C:\PS>Get-BitsTransfer -Name "TestJob1"

JobId	DisplayName	TransferType	JobState	OwnerAccount
c0dd3d8c-c3a2-4562-8...	TestJob1	Download	Transferred	DOMAIN01\user01

This command gets the BitsJob object that is identified by the specified display name.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/bitstransfer/get-bitstransfer?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Add-BitsFile

Complete-BitsTransfer

Remove-BitsTransfer

Resume-BitsTransfer

Set-BitsTransfer

Start-BitsTransfer

Suspend-BitsTransfer