



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

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

NAME

Get-AzBatchSubtask

SYNOPSIS

Gets the subtask information of the specified task.

SYNTAX

```
Get-AzBatchSubtask [-JobId] <System.String> [-TaskId] <System.String> -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-MaxCount
<System.Int32>] [<CommonParameters>]
```

```
Get-AzBatchSubtask [[-Task] <Microsoft.Azure.Commands.Batch.Models.PSCloudTask>] -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-MaxCount
<System.Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzBatchSubtask cmdlet retrieves the subtask information about the specified task. Subtasks provide parallel processing for individual tasks, and enable precise monitoring of task execution and progress.

PARAMETERS

-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

Specifies the BatchAccountContext instance that this cmdlet uses to interact with the Batch service. If you use the Get-AzBatchAccount cmdlet to get your

BatchAccountContext, then Microsoft Entra authentication will be used when interacting with the Batch service. To use shared key authentication instead, use the

Get-AzBatchAccountKey cmdlet to get a BatchAccountContext object with its access keys populated. When using shared key authentication, the primary access key is

used by default. To change the key to use, set the BatchAccountContext.KeyInUse property.

Required? true

Position? named

Default value None

Accept pipeline input? True (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

-JobId <System.String>

Specifies the ID of the job that contains the task whose subtasks this cmdlet gets.

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

-MaxCount <System.Int32>

Specifies the maximum number of subtasks to return. If you specify a value of zero (0) or less, the cmdlet does not use an upper limit. The default value is 1000.

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

-Task <Microsoft.Azure.Commands.Batch.Models.PSCloudTask>

Specifies an object reference to the task that contain the subtasks that this cmdlet returns. This object reference is created by using the Get-AzBatchTask cmdlet and storing the returned object in a variable.

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

-TaskId <System.String>

Specifies the ID of the task whose subtasks this cmdlet returns.

Required?	true
Position?	1
Default value	None

Accept pipeline input? True (ByPropertyName)

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.Azure.Commands.Batch.Models.PSCloudTask

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSSubtaskInformation

NOTES

----- Example 1: Return all subtasks for a specified task -----

\$Context = Get-AzBatchAccountKey -AccountName "contosobatchaccount"

```
Get-AzBatchSubtask -JobId "Job-01" -TaskID "myTask" -BatchContext $Context
```

These commands return all the subtasks for the task with the ID myTask. To do this, the first command in the example creates an object reference to the account keys

for the batch account contosobatchaccount. This object reference is stored in a variable named \$context. The second command then uses that object reference and the

Get-AzBatchSubtask cmdlet to return all the subtasks for myTask, a task that runs as part of job Job-01.

RELATED LINKS

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

Get-AzBatchTask