



Windows PowerShell Get-Help on Cmdlet 'Start-AzBatchComputeNodeServiceLogUpload'

PS:\>Get-HELP Start-AzBatchComputeNodeServiceLogUpload -Full

NAME

Start-AzBatchComputeNodeServiceLogUpload

SYNOPSIS

Upload compute node service log files to an Azure Storage container.

SYNTAX

```

Start-AzBatchComputeNodeServiceLogUpload [-ComputeNode]
<Microsoft.Azure.Commands.Batch.Models.PSComputeNode> [-ContainerUrl] <System.String> [-StartTime]
<System.DateTime> -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndTime
<System.Nullable`1[System.DateTime]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Start-AzBatchComputeNodeServiceLogUpload [-PoolId] <System.String> [-ComputeNodeId] <System.String>
[-ContainerUrl] <System.String> [-StartTime] <System.DateTime>
-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndTime
<System.Nullable`1[System.DateTime]>] [-Confirm] [-WhatIf]

```

DESCRIPTION

This cmdlet gathers Azure Batch service log files from compute nodes if you are experiencing an error and wish to escalate to Azure support. The Azure Batch service log files should be shared with Azure support to aid in debugging issues with the Batch service.

PARAMETERS

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

The BatchAccountContext instance to use when interacting 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

-ComputeNode <Microsoft.Azure.Commands.Batch.Models.PSComputeNode>

Specifies the PSComputeNode object from which service logs are retrieved.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-ComputeNodeId <System.String>

The id of the compute node.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ContainerUrl <System.String>

The container url to Azure Storage.

Required? true

Position? 2

Default value None

Accept pipeline input? False

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

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

The end time of service log to be uploaded (optional).

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-PoolId <System.String>

The id of the pool that contains the compute node.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-StartTime <System.DateTime>

The start time of service log to be uploaded.

Required? true
Position? 3
Default value None
Accept pipeline input? False
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

Microsoft.Azure.Commands.Batch.Models.PSComputeNode

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSStartComputeNodeServiceLogUploadResult

NOTES

----- Example 1 -----

```
$storageContext = New-AzStorageContext -StorageAccountName "contosogeneral" -StorageAccountKey "<Storage Key  
for ContosoGeneral ends with ==>"
```

```
$sasToken = New-AzStorageContainerSASToken -Name "contosocontainer" -Context $storageContext
```

```
$containerUrl = "https://contosogeneral.blob.core.windows.net/contosocontainer" + $sasToken
```

```
$batchContext = Get-AzBatchAccountKey -AccountName "contosobatch"
```

```
Start-AzBatchComputeNodeServiceLogUpload -BatchContext $batchContext -PoolId "contosopool" -ComputeNodeId  
"tvm-1612030122_1-20180405t234700z" -ContainerUrl
```

```
$containerUrl -StartTime "2018-01-01 00:00:00Z"
```

```
NumberOfFilesUploaded VirtualDirectoryName
```

```
-----
```

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```
contosobatch-22F48D278AD60CC2/contosopool/tvm-1612030122_1-20180405t234700z/bc3dd583-19a5-4665-aa83-87e4e  
1237d35
```

Upload compute node service logs written on or after January 1, 2018 midnight, which were obtained from the compute node, given pool id of the pool in which the compute node resides, and compute node id.

```
----- Example 2 -----
```

```
$storageContext = New-AzStorageContext -StorageAccountName "contosogeneral" -StorageAccountKey "<Storage Key  
for ContosoGeneral ends with ==>"
```

```
$sasToken = New-AzStorageContainerSASToken -Name "contosocontainer" -Context $storageContext
```

```
$containerUrl = "https://contosogeneral.blob.core.windows.net/contosocontainer" + $sasToken
```

```
$batchContext = Get-AzBatchAccountKey -AccountName "contosobatch"
```

```
Start-AzBatchComputeNodeServiceLogUpload -BatchContext $batchContext -PoolId "contosopool" -ComputeNodeId  
"tvm-1612030122_1-20180405t234700z" -ContainerUrl
```

```
$containerUrl -StartTime "2018-01-01 00:00:00Z" -EndTime "2018-01-10 00:00:00Z"
```

```
NumberOfFilesUploaded VirtualDirectoryName
```

```
-----
```

contosobatch-22F48D278AD60CC2/contosopool/tvm-1612030122_1-20180405t234700z/bc3dd583-19a5-4665-aa83-87e4e1237d35

Upload compute node service logs written on or after January 1, 2018 midnight and before January 10, 2018 midnight, which were obtained from the compute node, given
pool id of the pool in which the compute node resides, and compute node id.

----- Example 3 -----

```
$storageContext = New-AzStorageContext -StorageAccountName "contosogeneral" -StorageAccountKey "<Storage Key for ContosoGeneral ends with ==>"
```

```
$sasToken = New-AzStorageContainerSASToken -Name "contosocontainer" -Context $storageContext
```

```
$containerUrl = "https://contosogeneral.blob.core.windows.net/contosocontainer" + $sasToken
```

```
$batchContext = Get-AzBatchAccountKey -AccountName "contosobatch"
```

```
Get-AzBatchComputeNode -BatchContext $batchContext -Id "tvm-1612030122_1-20180405t234700z" -PoolId "contosopool" | Start-AzBatchComputeNodeServiceLogUpload
```

```
-BatchContext $batchContext -ContainerUrl $containerUrl -StartTime "2018-01-01 00:00:00Z" -EndTime "2018-01-10 00:00:00Z"
```

```
NumberOfFilesUploaded VirtualDirectoryName
```

```
-----
```

contosobatch-22F48D278AD60CC2/contosopool/tvm-1612030122_1-20180405t234700z/bc3dd583-19a5-4665-aa83-87e4e1237d35

Upload compute node service logs written on or after January 1, 2018 midnight and before January 10, 2018 midnight, which were obtained from the compute node object.

