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

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

NAME

Get-AzBatchRemoteDesktopProtocolFile

SYNOPSIS

Gets an RDP file from a compute node.

SYNTAX

Get-AzBatchRemoteDesktopProtocolFile [[-ComputeNode] <Microsoft.Azure.Commands.Batch.Models.PSComputeNode>] -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestinationPath <System.String> [<CommonParameters>]

Get-AzBatchRemoteDesktopProtocolFile [[-ComputeNode] <Microsoft.Azure.Commands.Batch.Models.PSComputeNode>] -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestinationStream <System.IO.Stream> [<CommonParameters>]

Get-AzBatchRemoteDesktopProtocolFile [-PoolId] <System.String> [-ComputeNodeId] <System.String> -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestinationPath <System.String> [<CommonParameters>]

Get-AzBatchRemoteDesktopProtocolFile [-PoolId] <System.String> [-ComputeNodeId] <System.String> -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DestinationStream <System.IO.Stream> [<CommonParameters>]

DESCRIPTION

The Get-AzBatchRemoteDesktopProtocolFile cmdlet gets a Remote Desktop Protocol (RDP) file from a compute node and saves it as a file or to a user supplied stream.

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

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

Specifies a compute node, as a PSComputeNode object, to which the .rdp file points. To obtain a compute node object, use the Get-AzBatchComputeNode cmdlet.

Required?   false

Position?   0

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-ComputeNodeId <System.String>

Specifies the ID of the compute node to which the .rdp file points.

Required?   true

Position?   1

Default value   None

Accept pipeline input?   True (ByPropertyName)

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

-DestinationPath <System.String>

Specifies the file path where this cmdlet saves the .rdp file.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-DestinationStream <System.IO.Stream>

Specifies the stream into which this cmdlet directs the RDP data. This cmdlet does not close or rewind this stream.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-PoolId <System.String>

Specifies the ID of the pool that contains the compute node from which this cmdlet gets an .rdp file.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,
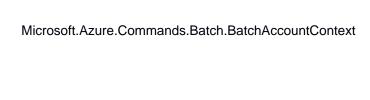
ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

Microsoft.Azure.Commands.Batch.Models.PSComputeNode

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

System.Void

NOTES

Example 1: Get an RDP file from a specified compute node and save the file

Get-AzBatchRemoteDesktopProtocolFile -PoolId "Pool06" -ComputeNodeId "ComputeNode01" -DestinationPath "C:\PowerShell\ComputeNode01.rdp" -BatchContext $Context

This command gets an RDP file from the compute node that has the ID ComputeNode01 in the pool that has the ID Pool06. The command saves the .rdp file as

C:\PowerShell\MyComputeNode.rdp. Use the Get-AzBatchAccountKey cmdlet to assign a context to the $Context variable.

Example 2: Get an RDP file from a compute node and save the file by using the pipeline

Get-AzBatchComputeNode -PoolId "Pool06" -Id "ComputeNode02" -BatchContext $Context | Get-AzBatchRemoteDesktopProtocolFile -DestinationPath

"C:\PowerShell\MyComputeNode02.rdp" -BatchContext $Context

This command gets the compute node that has the ID ComputeNode02 in the pool that has the ID Pool06. The command

passes that compute node to the current cmdlet by

using the pipeline operator. The current cmdlet gets an .rpd file from the compute node, and then saves the contents as a

file that is named

C:\PowerShell\MyComputeNode02.rdp.

Example 3: Get a RDP file from a specified compute node and direct it to a stream

```
$Stream = New-Object -TypeName "System.IO.MemoryStream"
    Get-AzBatchRemoteDesktopProtocolFile "Pool06" -ComputeNodeId "ComputeNode03" -DestinationStream $Stream
-BatchContext $Context
```

The first command creates a stream by using the New-Object cmdlet, and then stores it in the $Stream variable. The

second command gets an .rdp file from the compute

node that has the ID ComputeNode03 in the pool that has the ID Pool06. The command directs file contents to the stream

in $Stream.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.batch/get-azbatchremotedesktopprotocolfile

Get-AzBatchAccountKey

Get-AzBatchComputeNode

Azure Batch Cmdlets