



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

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

NAME

Get-AzBatchCertificate

SYNOPSIS

Gets the certificates in a Batch account.

SYNTAX

```
Get-AzBatchCertificate -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Filter  
<System.String>] [-MaxCount <System.Int32>] [-Select  
    <System.String>] [<CommonParameters>]  
  
Get-AzBatchCertificate [-ThumbprintAlgorithm] <System.String> [-Thumbprint] <System.String> -BatchContext  
<Microsoft.Azure.Commands.Batch.BatchAccountContext>  
    [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]  
    [-Select <System.String>] [<CommonParameters>]
```

The Get-AzBatchCertificate cmdlet gets the certificates in the Azure Batch account that the BatchContext parameter specifies. To obtain a particular certificate,

specify the ThumbprintAlgorithm and Thumbprint parameters. Specify the Filter parameter to get the certificates that match an Open Data Protocol (OData) filter.

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

-Filter <System.String>

Specifies an OData filter clause. If you specify this parameter, this cmdlet gets the certificates that match the filter.

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

-MaxCount <System.Int32>

Specifies the maximum number of certificates 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

-Select <System.String>

Specifies an OData select clause. Specify a value for this parameter to get specific properties rather than all object properties.

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

-Thumbprint <System.String>

Specifies the thumbprint of the certificate that this cmdlet gets.

Required?	true
Position?	1

Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ThumbprintAlgorithm <System.String>

Specifies the algorithm used to derive the Thumbprint parameter. Currently, the only valid value is sha1.

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.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSCertificate

----- Example 1: Get a certificate by thumbprint -----

```
Get-AzBatchCertificate -ThumbprintAlgorithm "sha1" -Thumbprint "C1E494A415149C5F211C4778B52F2E834A07247C"
-BatchContext $Context
```

Thumbprint : c1e494a415149c5f211c4778b52f2e834a07247c

ThumbprintAlgorithm : sha1

Url :

[https://pstests.eastus.batch.azure.com/certificates\(thumbprintAlgorithm=sha1,thumbprint=C1E494A415149C5F211C4778B52F2E834A07247C\)](https://pstests.eastus.batch.azure.com/certificates(thumbprintAlgorithm=sha1,thumbprint=C1E494A415149C5F211C4778B52F2E834A07247C))

C)

State : Active

StateTransitionTime : 10/6/2015 6:21:16 PM

PreviousState :

PreviousStateTransitionTime :

Data :

CertificateFormat :

Password :

PublicData :

MIIB9DCCAAGGgAwIBAgIQpUXhwCuAPJRDhI7kY/0PdTAJBgUrDgMCHQUAMBYxFDASBgNVBAMTC0JhdGNvVGZvdDAxMB4XDTE1MTAwMjE2MjkwNVVoXDTM5MTIzMTIzNTk

1OVowFJEUMBIGA1UEAxMLQmF0Y2hUZXR0MDEwZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAM06unpRipn3BmHBM75d0s8w/Wwifci16PoJo4c2V68GwsCCFsNOn5

ypo7BBXo1fpBjrns05w+koaE5LjxkBSVm+TkogwbKIW6WURTM0O5viRVbPnEEU/Y01Pj5cJEIFuLEk9Uoe/r/IP8b5A607t1cPjSXkwhEZEYc3LkHDS00ZAqMBAAGjS

zBJMEcGA1UdAQRAMD6AEFRsTASrvF+FmPulCooZXaKhGDAWMRQwEgYDVQQDEwCYXRjaFRlc3QwMYIQCpUXhwCu

APJRDhI7kY/0PdTAJBgUrDgMCHQUAA4GBALt0F8Ep

+8XVE/M2aNtxzIku72gxiOiAo1HmpUaixXx3gl8kdP3xgoKMaq4JskqdLmbJJUnCQ3wmzsdPwjswsW2ycT12zuBddaiS+id98k
8U/KYc6FxmGS+H70FYOxARLn7P4FS

SBf/QCyign+BherzezdZ5NBdfzbmWxIMP5iFJ

DeleteCertificateError :

This command gets a single certificate that has the specified thumbprint. The certificate thumbprint algorithm is sha1.

----- Example 2: Get filtered certificates -----

Get-AzBatchCertificate -Filter "state eq 'active'" -BatchContext \$Context

Thumbprint : 025b351b087a084c5067f5e71eff8591970323f9

ThumbprintAlgorithm : sha1

Url :

[https://pstests.eastus.batch.azure.com/certificates\(thumbprintAlgorithm=sha1,thumbprint=025b351b087a084c5067f5e71eff8591970323f9\)](https://pstests.eastus.batch.azure.com/certificates(thumbprintAlgorithm=sha1,thumbprint=025b351b087a084c5067f5e71eff8591970323f9))

State : Active

StateTransitionTime : 10/6/2015 6:21:17 PM

PreviousState :

PreviousStateTransitionTime :

Data :

CertificateFormat :

Password :

PublicData :

MIIB9DCCAAGGawIBAgIQy9W5y8iwhppGhtAG06dHKTAJBgUrDgMCHQUAMBYxFDASBgNVBAMTC0JhdGNvVGZvdDA
yMB4XDTE1MTAwMjE2MjE2MjE2NTk

1OVowFJEUMBIGA1UEAxMLQmF0Y2hUZXR0MDIwZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAJxagvVrlnKfv6hfz
SiFJUkdGkPjC3tFiKebK6laeHzesFdFfupXUE

wT0xOWh9xwa3OVkPECEc/u1sw3iVX/J4AODiwzmOWutoVRpWjxGFpgw9+dPvXMjs/Ue7JL7ag3siHs5EcarW91qKbgtko6i
/r4emaRyk60U93TrbWQAWJ9AgMBAAGjS

zBJMEcGA1UdAQRAMD6AEAdqsOpyeXF/uDe7ZGKeez+hGDAWMRQwEgYDVQQDEwtCYXRjaFRlc3QwMolQy9W5y8iw
hppGhtAG06dHKTAJBgUrDgMCHQUAA4GBAC0MaAem

6ByyURFvGnFZyjEepjXC5wcaGq+gguDfE8rG88ceig1ZqewdcmC1y4p05uBhbmETbYVWzJarNsHYq2LTihi4t2J4jt2YVYz/I
RdUB82iaFFbJRSPrN+6xD3KM2Ive5N

4OjtlZAdiXiSUYFf3I6ypberUsAdba3QQajCN

DeleteCertificateError :

Thumbprint : c1e494a415149c5f211c4778b52f2e834a07247c

ThumbprintAlgorithm : sha1

Url :

[https://pstests.eastus.batch.azure.com/certificates\(thumbprintAlgorithm=sha1,thumbprint=c1e494a415149c5f211c4778b52f2e834a07247c\)](https://pstests.eastus.batch.azure.com/certificates(thumbprintAlgorithm=sha1,thumbprint=c1e494a415149c5f211c4778b52f2e834a07247c))

State : Active

StateTransitionTime : 10/6/2015 6:21:16 PM

PreviousState :

PreviousStateTransitionTime :

Data :

CertificateFormat :

Password :

PublicData :

MIIB9DCCAAGGawIBAgIQpUXhwCuAPJRDhl7kY/0PdTAJBgUrDgMCHQUAMBYxFDASBgNVBAMTC0JhdGNvVGZvdDA
xMB4XDTE1MTAwMjE2MjkwNVVoXDTM5MTIzMTIzNTk

1OVowFJEUMBIGA1UEAxMLQmF0Y2hUZXRhZG90MDEwZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAM06unpRipn3B
mHBM75d0s8w/Wwifci16PoJo4c2V68GwsCCFsNOn5

ypo7BBXo1fpBjrns05w+koaE5LjxkBSVm+TkogwbKIW6WURTM0O5viRVbPnEEU/Y01Pj5cJEIFuLEk9Uoe/r/IP8b5A607t1cP
jSXkwhEZEYc3LkHDS00ZAjAgMBAAGjS

zBJMEcGA1UdAQRAMD6AEFRsTAsrvF+FmPulCooZXaKhGDAWMRQwEgYDVQQDEwtCYXRjaFRlc3QwMYIQpUXhwCu
APJRDhl7kY/0PdTAJBgUrDgMCHQUAA4GBALt0F8Ep

+8XVE/M2aNtxzIku72gxiOiAo1HmpUaixXx3gl8kdP3xgoKMaq4JskqdLmbJJUnCQ3wmzsdPwjswsW2ycT12zuBddaiS+id98k
8U/KYc6FxMgS+H70FYOxARLn7P4FS

SBf/QCyign+BherzezdZ5NBdfzbnWxIMP5iFJ

DeleteCertificateError :

This command gets all certificates in the active state from the Batch account. The Filter parameter specifies the state.

RELATED LINKS

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

Get-AzBatchAccountKey

New-AzBatchCertificate

Remove-AzBatchCertificate

Azure Batch Cmdlets