



Windows PowerShell Get-Help on Cmdlet 'Add-AzServiceFabricClientCertificate'

PS: \>Get-HELP Add-AzServiceFabricClientCertificate -Full

NAME

Add-AzServiceFabricClientCertificate

SYNOPSIS

Add common name or thumbprint to the cluster for client authentication purposes.

SYNTAX

```
Add-AzServiceFabricClientCertificate [-ResourceGroupName] <System.String> [-Name] <System.String> [-Admin]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Thumbprint
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Add-AzServiceFabricClientCertificate [-ResourceGroupName] <System.String> [-Name] <System.String> [-Admin]
-CommonName <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -IssuerThumbprint
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Add-AzServiceFabricClientCertificate [-ResourceGroupName] <System.String> [-Name] <System.String>
[-AdminClientThumbprint <System.String[]>] [-DefaultProfile
```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-ReadonlyClientThumbprint <System.String[]>] [-Confirm] [-WhatIf]

[<CommonParameters>]

Add-AzServiceFabricClientCertificate [-ResourceGroupName] <System.String> [-Name] <System.String>

-ClientCertificateCommonName

<Microsoft.Azure.Commands.ServiceFabric.Models.PSClientCertificateCommonName[]> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

Use Add-AzServiceFabricClientCertificate to add a common name and issuer thumbprint or certificate thumbprint to the cluster, so the client can use it for authentication.

PARAMETERS

-Admin <System.Management.Automation.SwitchParameter>

Client authentication type

Required? false

Position? named

Default value False

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-AdminClientThumbprint <System.String[]>

Specify client certificate thumbprint which only has admin permission

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ClientCertificateCommonName <Microsoft.Azure.Commands.ServiceFabric.Models.PSClientCertificateCommonName[]>

Specify client common name , issuer thumbprint and authentication type

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-CommonName <System.String>

Specify client certificate common name

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

-IssuerThumbprint <System.String>

Specify thumbprint of client certificate's issuer

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

-Name <System.String>

Specify the name of the cluster

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

-ReadOnlyClientThumbprint <System.String[]>

Specify client certificate thumbprint which only has read only permission

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

-ResourceGroupName <System.String>

Specify the name of the resource group.

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

-Thumbprint <System.String>

Specify client certificate thumbprint

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

System.Management.Automation.SwitchParameter

System.String

System.String[]

Microsoft.Azure.Commands.ServiceFabric.Models.PSClientCertificateCommonName[]

OUTPUTS

Microsoft.Azure.Commands.ServiceFabric.Models.PSCluster

NOTES

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

```
Add-AzServiceFabricClientCertificate -ResourceGroupName 'Group1' -Name 'Contoso01SFCluster' -Thumbprint
5F3660C715EBBDA31DB1FFDCF508302348DE8E7A -Admin
```

This command will add the certificate with thumbprint '5F3660C715EBBDA31DB1FFDCF508302348DE8E7A' to the cluster, so the client can use the certificate as admin to communicate with the cluster.

----- Example 2 -----

```
Add-AzServiceFabricClientCertificate -ResourceGroupName 'Group2' -Name 'Contoso02SFCluster' -CommonName  
'Contoso.com' -IssuerThumbprint
```

```
5F3660C715EBBDA31DB1FFDCF508302348DE8E7A
```

This command will add a read only client certificate that's common name is 'Contoso.com' and issuer thumbprint is '5F3660C715EBBDA31DB1FFDCF508302348DE8E7A' to the cluster.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.servicefabric/add-azservicefabricclientcertificate>

[Remove-AzServiceFabricClientCertificate](#)