



Windows PowerShell Get-Help on Cmdlet 'New-AzApiManagementCertificate'

PS: \>Get-HELP New-AzApiManagementCertificate -Full

NAME

New-AzApiManagementCertificate

SYNOPSIS

Creates an API Management certificate to be used during Authentication with Backend.

SYNTAX

```

New-AzApiManagementCertificate [-CertificateId <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-KeyVault
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementKeyVaultEntity>]
[-PfxBytes <System.Byte[]>] [-PfxPassword <System.String>]
[<CommonParameters>]

```

```

New-AzApiManagementCertificate [-CertificateId <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-KeyVault

```

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementKeyVaultEntity>]

[-PfxFilePath <System.String>] [-PfxPassword <System.String>]

[<CommonParameters>]

DESCRIPTION

The New-AzApiManagementCertificate cmdlet creates an Azure API Management certificate.

PARAMETERS

-CertificateId <System.String>

Specifies the ID of the certificate to create. If you do not specify this parameter, an ID is generated for you.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>

Specifies a PsApiManagementContext object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, 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

-KeyVault

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementKeyVaultEntity>

KeyVault used to fetch certificate data. This parameter is required if -PfxFilePath not specified. See New-AzApiManagementKeyVaultObject for details.

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

-PfxBytes <System.Byte[]>

Specifies an array of bytes of the certificate file in .pfx format. This parameter is required if you do not specify the PfxFilePath parameter.

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

-PfxFilePath <System.String>

Specifies the path to the certificate file in .pfx format to create and upload. This parameter is required if you do not specify the PfxBytes parameter.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PfxPassword <System.String>

Specifies the password for the certificate.

Required? false

Position? named

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

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext

System.String

System.Byte[]

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementCertificate

NOTES

----- Example 1: Create and upload a certificate -----

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"
```

```
New-AzApiManagementCertificate -Context $ApiMgmtContext -PfxFilePath "C:\contoso\certificates\apimanagement.pfx"  
-PfxPassword "1111"
```

This command uploads a certificate to Api Management. This certificate can be used for mutual authentication with backend using policies.

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

```
New-AzApiManagementCertificate -CertificateId '0123456789' -Context <PsApiManagementContext> -PfxFilePath  
'C:\contoso\certificates\apimanagement.pfx' -PfxPassword  
'1111'
```

----- Example 3 : Create a keyVault Certificate -----

```
$secretIdentifier = 'https://contoso.vault.azure.net/secrets/xxxx'
```

```
$keyvault = New-AzApiManagementKeyVaultObject -SecretIdentifier $secretIdentifier
```

```
$keyVaultcert = New-AzApiManagementCertificate -Context $context -CertificateId $kvcertId -KeyVault $keyvault
```

The first command creates a keyvault. The second command creates a certificate using secret from this keyvault.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.apimanagement/new-azapimanagementcertificate>

[Get-AzApiManagementCertificate](#)

[Remove-AzApiManagementCertificate](#)

[Set-AzApiManagementCertificate](#)