



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

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

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Add-AzApplicationGatewaySslCertificate

SYNOPSIS

Adds an SSL certificate to an application gateway.

SYNTAX

```
Add-AzApplicationGatewaySslCertificate -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-CertificateFile <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-KeyVaultSecretId <System.String>] -Name <System.String>
[-Password <System.Security.SecureString>] [<CommonParameters>]
```

DESCRIPTION

The Add-AzApplicationGatewaySslCertificate cmdlet adds an SSL certificate to an application gateway.

PARAMETERS

-ApplicationGateway <Microsoft.Azure.Commands.Network.Models.PSApplicationGateway>

Specifies the name of application gateway to which this cmdlet adds an SSL certificate.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-CertificateFile <System.String>

Specifies the .pfx file of an SSL certificate that this cmdlet adds.

Required? false

Position? named

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

-KeyVaultSecretId <System.String>

SecretId (uri) of the KeyVault Secret. Use this option when a specific version of secret needs to be used. *Page 2/5*

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

-Name <System.String>

Specifies the name of the SSL certificate that this cmdlet adds.

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

-Password <System.Security.SecureString>

Specifies the password of the SSL certificate that this cmdlet adds.

Required? false
Position? named
Default value None
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

NOTES

Example 1: Add an SSL certificate using pfx to an application gateway.

```
$AppGW = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$password = ConvertTo-SecureString $passwordPlainString -AsPlainText -Force
$AppGW = Add-AzApplicationGatewaySslCertificate -ApplicationGateway $AppGW -Name "Cert01" -CertificateFile
"D:\cert01.pfx" -Password $password
```

This command gets an application gateway named ApplicationGateway01 and then adds an SSL certificate named Cert01 to it.

Example 2: Add an SSL certificate using KeyVault Secret (version-less secretId) to an application gateway.

```
$AppGW = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$secret = Get-AzKeyVaultCertificate -VaultName "keyvault01" -Name "sslCert01"
$secretId = $secret.Id.Replace($secret.Version, "") # https://<keyvaultname>.vault.azure.net/secrets/
$AppGW = Add-AzApplicationGatewaySslCertificate -ApplicationGateway $AppGW -Name "Cert01" -KeyVaultSecretId
$secretId
```

Get the secret and reference it in the `Add-AzApplicationGatewaySslCertificate` to add it to the Application Gateway with

name `Cert01`. Note: As version-less

secretId is provided here, Application Gateway will sync the certificate in regular intervals with the KeyVault.

Example 3: Add an SSL certificate using KeyVault Secret (versioned secretId) to an application gateway.

```
$AppGW = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$secret = Get-AzKeyVaultCertificate -VaultName "keyvault01" -Name "sslCert01"
$secretId = $secret.Id # https://<keyvaultname>.vault.azure.net/secrets/<hash>
$AppGW = Add-AzApplicationGatewaySslCertificate -ApplicationGateway $AppGW -Name "Cert01" -KeyVaultSecretId
$secretId
```

Get the secret and reference it in the `Add-AzApplicationGatewaySslCertificate` to add it to the Application Gateway with name `Cert01`. Note: If it is required that

Application Gateway syncs the certificate with the KeyVault, please provide the version-less secretId.

RELATED LINKS

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

Get-AzApplicationGatewaySslCertificate

New-AzApplicationGatewaySslCertificate

Remove-AzApplicationGatewaySslCertificate

Set-AzApplicationGatewaySslCertificate