



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

PS: \> Get-HELP New-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

New-AzApplicationGatewaySslCertificate

SYNOPSIS

Creates an SSL certificate for an Azure application gateway.

SYNTAX

New-AzApplicationGatewaySslCertificate [-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 New-AzApplicationGatewaySslCertificate cmdlet creates an SSL certificate for an Azure application gateway.

PARAMETERS

-CertificateFile <System.String>

Specifies the path of the .pfx file of the SSL certificate that this cmdlet creates.

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.

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 creates.

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 that this cmdlet creates.

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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslCertificate

NOTES

Example 1: Create an SSL certificate for an Azure application gateway.

```
$password = ConvertTo-SecureString $passwordPlainText -AsPlainText -Force  
$cert = New-AzApplicationGatewaySslCertificate -Name "Cert01" -CertificateFile "D:\cert01.pfx" -Password $password
```

This command creates a SSL certificate named Cert01 for the default application gateway and stores the result in the variable named \$Cert.

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

```
$secret = Get-AzKeyVaultSecret -VaultName "keyvault01" -Name "sslCert01"  
$secretId = $secret.Id.Replace($secret.Version, "") # https://<keyvaultname>.vault.azure.net/secrets/  
$cert = New-AzApplicationGatewaySslCertificate -Name "Cert01" -KeyVaultSecretId $secretId
```

Get the secret and create an SSL Certificate using `New-AzApplicationGatewaySslCertificate`. Note: As version-less secretId is provided here, Application Gateway will sync the certificate in regular intervals with the KeyVault.

Example 3: Create an SSL certificate using KeyVault Secret and add to an Application Gateway.

```
$secret = Get-AzKeyVaultSecret -VaultName "keyvault01" -Name "sslCert01"  
$secretId = $secret.Id # https://<keyvaultname>.vault.azure.net/secrets/<hash>  
$cert = New-AzApplicationGatewaySslCertificate -Name "Cert01" -KeyVaultSecretId $secretId
```

Get the secret and create an SSL Certificate using `New-AzApplicationGatewaySslCertificate`. 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/new-azapplicationgatewaysslcertificate>

Add-AzApplicationGatewaySslCertificate

Get-AzApplicationGatewaySslCertificate

Remove-AzApplicationGatewaySslCertificate

Set-AzApplicationGatewaySslCertificate