



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

PS: \> Get-HELP Add-AzApplicationGatewaySslProfile -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-AzApplicationGatewaySslProfile

SYNOPSIS

Adds SSL profile to an application gateway.

SYNTAX

```

Add-AzApplicationGatewaySslProfile -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-ClientAuthConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayClientAuthConfiguration>] [-DefaultProfile
        <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> [-SslPolicy
        <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslPolicy>] [-TrustedClientCertificates
            <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayTrustedClientCertificate[]>]
    [<CommonParameters>]
```

DESCRIPTION

The Add-AzApplicationGatewaySslProfile cmdlet adds a SSL profile to an application gateway. The SSL profile is applied to HTTPS Listeners.

PARAMETERS

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

The applicationGateway

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ClientAuthConfiguration <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayClientAuthConfiguration>

Client authentication configuration settings

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

-Name <System.String>

The name of the SSL profile

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SslPolicy <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslPolicy>

SSL policy

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TrustedClientCertificates

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayTrustedClientCertificate[]>

The trusted client CA certificate chains

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>).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

NOTES

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

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"

$sslPolicy = New-AzApplicationGatewaySslPolicy -PolicyType Custom -MinProtocolVersion TLSv1_1 -CipherSuite
"TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256",
"TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384", "TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA",
"TLS_RSA_WITH_AES_128_GCM_SHA256"

$trustedClient01 = New-AzApplicationGatewayTrustedClientCertificate -Name "ClientCert01" -CertificateFile
"C:\clientCAChain1.cer"

$trustedClient02 = New-AzApplicationGatewayTrustedClientCertificate -Name "ClientCert02" -CertificateFile
"C:\clientCAChain2.cer"

$AppGw = Add-AzApplicationGatewaySslProfile -Name $sslProfile01Name -ApplicationGateway $AppGw -SslPolicy
$sslPolicy -TrustedClientCertificates
$trustedClient01,$trustedClient02
```

The first command gets the application gateway and stores it in the \$AppGw variable. The second command creates a new SSL policy and stores it in the \$sslPolicy

variable. The third and fourth command creates two new trusted client CA certificate chains and stores them in the \$ClientCert01 and \$ClientCert02 variables. The

fifth command adds the SSL profile with the the ssl policy and trusted client CA certificate chains to the application gateway \$AppGw.

RELATED LINKS

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

New-AzApplicationGatewaySslProfile

Get-AzApplicationGatewaySslProfile

Remove-AzApplicationGatewaySslProfile

Set-AzApplicationGatewaySslProfile