



Windows PowerShell Get-Help on Cmdlet 'Set-AzApplicationGatewayListener'

PS:\>Get-HELP Set-AzApplicationGatewayListener -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

Set-AzApplicationGatewayListener

SYNOPSIS

Modifies a TCP/TLS listener for an application gateway.

SYNTAX

Set-AzApplicationGatewayListener -ApplicationGateway

<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile

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

[-FrontendIPConfiguration

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFrontendIPConfiguration>] [-FrontendPort

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFrontendPort>] [-HostNames <System.String[]>]

-Name <System.String> -Protocol {TCP | TLS}

[-SslCertificate <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslCertificate>] [-SslProfile

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslProfile>] [<CommonParameters>]

Set-AzApplicationGatewayListener -ApplicationGateway

<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile

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

[-FrontendIPConfigurationId <System.String>] [-FrontendPortId

<System.String>] [-HostNames <System.String[]>] -Name <System.String> -Protocol {TCP | TLS} [-SslCertificateId

<System.String>] [-SslProfileId <System.String>]

[<CommonParameters>]

DESCRIPTION

The Set-AzApplicationGatewayListener cmdlet modifies a TCP\TLS listener for an Azure application gateway.

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

-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

-FrontendIPConfiguration <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFrontendIPConfiguration>

Application gateway FrontendIPConfiguration

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendIPConfigurationId <System.String>

ID of the application gateway FrontendIPConfiguration

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendPort <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFrontendPort>

Application gateway FrontendPort

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendPortId <System.String>

ID of the application gateway FrontendPort

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-HostNames <System.String[]>

Host names

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

-Name <System.String>

The name of the Listener

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

-Protocol <System.String>

Protocol

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

-SslCertificate <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslCertificate>

Application gateway SslCertificate

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

-SslCertificateId <System.String>

ID of the application gateway SslCertificate

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

-SslProfile <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslProfile>

SslProfile

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

-SslProfileId <System.String>

SslProfileId

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: Set a TCP listener -----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$AppGw = Set-AzApplicationGatewayListener -ApplicationGateway $AppGw -Name "Listener01" -Protocol Tcp
-FrontendIpConfiguration $FIP01 -FrontendPort 80
```

The first command gets the application gateway named ApplicationGateway01 that belongs to the resource group named ResourceGroup01 and stores it in the \$AppGw variable. The second command sets the listener for the gateway to use the front-end configuration stored in \$FIP01 with the Tcp protocol on port 80.

----- Example 2: Add a TLS listener with SSL Certificate -----

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

$AppGw = Set-AzApplicationGatewayListener -ApplicationGateway $AppGw -Name "Listener01" -Protocol "Tls"
-FrontendIpConfiguration $FIP01 -FrontendPort $FP01
-SslCertificate $SSLCert01
```

The first command gets the application gateway and stores it in the \$AppGw variable. The second command adds the listener, which uses the Tls protocol, with SSL Certificates , to the application gateway.

RELATED LINKS

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

Add-AzApplicationGatewayListener

Get-AzApplicationGatewayListener

New-AzApplicationGatewayListener

Remove-AzApplicationGatewayListener