



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

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

SYNOPSIS

Adds an HTTP listener to an application gateway.

SYNTAX

Add-AzApplicationGatewayHttpListener -ApplicationGateway

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

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayCustomError[]>] [-DefaultProfile

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

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayWebApplicationFirewallPolicy>]

[-FrontendIPConfiguration

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

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

```

[-HostNames <System.String[]>] -Name <System.String> -Protocol
    {Http | Https} [-RequireServerNameIndication {true | false}] [-SslCertificate
<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslCertificate>]
    [-SslProfile <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewaySslProfile>] [<CommonParameters>]

Add-AzApplicationGatewayHttpListener -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-CustomErrorConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayCustomError[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FirewallPolicyId
<System.String>] [-FrontendIPConfigurationId
    <System.String>] [-FrontendPortId <System.String>] [-HostName <System.String>] [-HostNames <System.String[]>]
-Name <System.String> -Protocol {Http | Https}
    [-RequireServerNameIndication {true | false}] [-SslCertificateId <System.String>] [-SslProfileId <System.String>]
[<CommonParameters>]

```

DESCRIPTION

The Add-AzApplicationGatewayHttpListener cmdlet adds a HTTP listener to an application gateway.

PARAMETERS

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

Specifies the application gateway to which this cmdlet adds an HTTP listener.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-CustomErrorConfiguration <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayCustomError[]>

Customer error of an application gateway

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

-FirewallPolicy <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayWebApplicationFirewallPolicy>

FirewallPolicy

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

-FirewallPolicyId <System.String>

FirewallPolicyId

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

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

Specifies the application gateway front-end IP resource object.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendIPConfigurationId <System.String>

Specifies the application gateway front-end IP ID.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the application gateway front-end port object.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendPortId <System.String>

Specifies the application gateway front-end port ID.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HostName <System.String>

Specifies the host name that this cmdlet adds a HTTP listener to.

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>

Specifies the name of the front-end port that this command adds.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Protocol <System.String>

Specifies the protocol of the HTTP listener. Both HTTP and HTTPS are supported.

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

-RequireServerNameIndication <System.String>

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

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

Specifies the SSL certificate of the HTTP listener. Must be specified if HTTPS is chosen as listener protocol.

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

-SslCertificateId <System.String>

Specifies the SSL certificate ID of the HTTP listener. Must be specified if HTTPS is chosen as listener protocol.

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: Add a HTTP listener -----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$Appgw = Add-AzApplicationGatewayHttpListener -ApplicationGateway $AppGw -Name "listener01" -Protocol "Http"
-FrontendIpConfiguration $FIP01 -FrontendPort $FP01
```

The first command gets the application gateway and stores it in the \$AppGw variable. The second command adds the HTTP listener to the application gateway.

----- Example 2: Add a HTTPS listener with SSL -----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$AppGw = Add-AzApplicationGatewayHttpListener -ApplicationGateway $AppGw -Name "Listener01" -Protocol "Https"
-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 HTTPS protocol, to the application gateway.

---- Example 3: Add a HTTPS listener with SSL and HostNames ----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$AppGw = Add-AzApplicationGatewayHttpListener -ApplicationGateway $AppGw -Name "Listener01" -Protocol "Https"
-FrontendIpConfiguration $FIP01 -FrontendPort $FP01
```

```
-SslCertificate $SSLCert01 -HostNames "*.contoso.com","www.microsoft.com"
```

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

Certificates and HostNames, to the application gateway.

RELATED LINKS

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

Get-AzApplicationGatewayHttpListener

New-AzApplicationGatewayHttpListener

Remove-AzApplicationGatewayHttpListener

Set-AzApplicationGatewayHttpListener