



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

PS:\>Get-HELP Set-AzApplicationGatewayHttpListener -Full

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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-AzApplicationGatewayHttpListener

SYNOPSIS

Modifies an HTTP listener for an application gateway.

SYNTAX

Set-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>]

Set-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 Set-AzApplicationGatewayHttpListener cmdlet modifies an HTTP listener for an Azure application gateway.

PARAMETERS

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

Specifies the application gateway with which this cmdlet associates the 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 front-end IP address of the application gateway.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendIPConfigurationId <System.String>

Specifies the ID of the front-end IP address of the application gateway.

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.

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 sends the 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 HTTP listener.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Protocol <System.String>

Specifies the protocol that the HTTP listener uses. The acceptable values for this parameter are: - Http

- Https

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

-RequireServerNameIndication <System.String>

Specifies whether the cmdlet requires a server name indication. The acceptable values for this parameter are: true or false.

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.

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

-SslCertificateId <System.String>

Specifies the Secure Socket Layer (SSL) certificate ID of the HTTP listener.

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

NOTES

----- Example 1: Set an HTTP listener -----

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

```
$AppGw = Set-AzApplicationGatewayHttpListener -ApplicationGateway $AppGw -Name "Listener01" -Protocol Http  
-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 HTTP listener for the gateway to use the front-end configuration stored in \$FIP01 with the HTTP protocol on port 80.

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

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

```
$AppGw = Set-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/set-azapplicationgatewayhttplistener>

`Add-AzApplicationGatewayHttpListener`

`Get-AzApplicationGatewayHttpListener`

`New-AzApplicationGatewayHttpListener`

`Remove-AzApplicationGatewayHttpListener`