



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

PS: \> Get-HELP New-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

New-AzApplicationGatewayHttpListener

SYNOPSIS

Creates an HTTP listener for an application gateway.

SYNTAX

New-AzApplicationGatewayHttpListener [-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>]

New-AzApplicationGatewayHttpListener [-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 New-AzApplicationGatewayHttpListener cmdlet creates an HTTP listener for an Azure application gateway.

PARAMETERS

-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>

Specifies the object reference to a top-level firewall policy. The object reference can be created by using **New-AzApplicationGatewayWebApplicationFirewallPolicy**

cmdlet. \$firewallPolicy = New-AzApplicationGatewayFirewallPolicy -Name "wafPolicy1" -ResourceGroup "rgName" A firewall policy created using the above commandlet

can be referred at a path-rule level. he above command would create a default policy settings and managed rules. Instead of the default values, users can specify

PolicySettings, ManagedRules by using **New-AzApplicationGatewayFirewallPolicySettings** and **New-AzApplicationGatewayFirewallPolicyManagedRules** respectively.

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

-FirewallPolicyId <System.String>

Specifies the ID of an existing top-level web application firewall resource. Firewall policy IDs can be returned by using the

Get-AzApplicationGatewayWebApplicationFirewallPolicy cmdlet. After we have the ID you can use **FirewallPolicyId** parameter instead of **FirewallPolicy** parameter. For

instance: `-FirewallPolicyId
"/subscriptions/<subscription-id>/resourceGroups/<resource-group-id>/providers/Microsoft.Network/ApplicationGatewayWebApplicationFirewallPolicies/<firewallPolicyName>"`

Required? false
Position? named
Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies front-end IP configuration object for the HTTP listener.

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 configuration for the HTTP listener.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the front-end port for the HTTP listener.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendPortId <System.String>

Specifies the ID of the front-end port object for the HTTP listener.

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

-HostName <System.String>

Specifies the host name of the application gateway HTTP listener.

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 that this cmdlet creates.

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.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RequireServerNameIndication <System.String>

Required? false

Position? named

Default value true

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the SSL certificate object for the HTTP listener.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SslCertificateId <System.String>

Specifies the ID of the SSL certificate for 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

None

OUTPUTS

NOTES

----- Example 1: Create an HTTP listener -----

```
$Listener = New-AzApplicationGatewayHttpListener -Name "Listener01" -Protocol "Http" -FrontendIpConfiguration $Fip01  
-FrontendPort $FP01
```

This command creates an HTTP listener named Listener01 and stores the result in the variable named \$Listener.

----- Example 2: Create an HTTP listener with SSL -----

```
$Listener = New-AzApplicationGatewayHttpListener -Name "Listener01" -Protocol "Https" -FrontendIpConfiguration  
$Fip01 -FrontendPort $FP01 -SslCertificate $SSLCert01
```

This command creates an HTTP listener that uses SSL offload and provides the SSL certificate in the \$SSLCert01 variable. The command stores the result in the variable named \$Listener.

--- Example 3: Create an HTTP listener with firewall-policy ---

```
$Listener = New-AzApplicationGatewayHttpListener -Name "Listener01" -Protocol "Http" -FrontendIpConfiguration $Fip01  
-FrontendPort $FP01 -FirewallPolicy  
$firewallPolicy
```

This command creates an HTTP listener named Listener01, FirewallPolicy as \$firewallPolicy and stores the result in the variable named \$Listener.

---- Example 4: Add a HTTPS listener with SSL and HostNames ----

```
$Listener = New-AzApplicationGatewayHttpListener -Name "Listener01" -Protocol "Https" -FrontendIpConfiguration $Fip01 -FrontendPort $FP01 -SslCertificate $SSLCert01  
-HostNames "*.contoso.com","www.microsoft.com"
```

This command creates an HTTP listener that uses SSL offload and provides the SSL certificate in the \$SSLCert01 variable along with two HostNames. The command stores

the result in the variable named \$Listener.

RELATED LINKS

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

Add-AzApplicationGatewayHttpListener

Get-AzApplicationGatewayHttpListener

Remove-AzApplicationGatewayHttpListener

Set-AzApplicationGatewayHttpListener