



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

PS: \> Get-HELP New-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

New-AzApplicationGatewayListener

SYNOPSIS

Creates an TCP/TLS listener for an application gateway.

SYNTAX

```
New-AzApplicationGatewayListener [-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>]
```

<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 New-AzApplicationGatewayListener cmdlet creates an TCP\TLS listener for an Azure application gateway.

PARAMETERS

-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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayListener

NOTES

----- Example 1: Create an TCP listener -----

```
$Listener = New-AzApplicationGatewayListener -Name "Listener01" -Protocol "Tcp" -FrontendIpConfiguration $Fip01  
-FrontendPort $FP01
```

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

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

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

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

RELATED LINKS

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

Add-AzApplicationGatewayListener

Get-AzApplicationGatewayListener

Remove-AzApplicationGatewayListener

Set-AzApplicationGatewayListener