



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

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

SYNOPSIS

Adds back-end HTTP settings to an application gateway.

SYNTAX

```
Add-AzApplicationGatewayBackendHttpSetting [-AffinityCookieName <System.String>] -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway>
[AuthenticationCertificates
<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayAuthenticationCertificate[]>] [-ConnectionDraining
<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayConnectionDraining>] -CookieBasedAffinity
{Enabled | Disabled} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HostName
<System.String>] -Name <System.String> [-Path <System.String>]
```

[-PickHostNameFromBackendAddress] -Port <System.Int32> [-Probe
 <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbe>] [-ProbeId <System.String>]
 -Protocol {Http | Https} [-RequestTimeout <System.Int32>] [-TrustedRootCertificate
 <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayTrustedRootCertificate[]>] [<CommonParameters>]

DESCRIPTION

The Add-AzApplicationGatewayBackendHttpSetting cmdlet adds back-end HTTP settings to an application gateway.
 Back-end HTTP settings are applied to all back-end
 servers in the pool.

PARAMETERS

-AffinityCookieName <System.String>

Cookie name to use for the affinity cookie

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the name of application gateway for which this cmdlet adds settings.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-AuthenticationCertificates

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayAuthenticationCertificate[]>

Specifies authentication certificates for the application gateway.

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

-ConnectionDraining <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayConnectionDraining>

Connection draining of the backend http settings resource.

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

-CookieBasedAffinity <System.String>

Specifies whether cookie-based affinity should be enabled or disabled for the backend server pool. The acceptable values for this parameter are: Disabled, Enabled.

Required?	true
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

-HostName <System.String>

Sets host header to be sent to the backend servers.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the back-end HTTP settings which this cmdlet adds.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Path <System.String>

Path which should be used as a prefix for all HTTP requests. If no value is provided for this parameter, then no path will be prefixed.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PickHostNameFromBackendAddress <System.Management.Automation.SwitchParameter>

Flag if host header should be picked from the host name of the backend server.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Port <System.Int32>

Specifies the port of the back-end server pool.

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

-Probe <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbe>

Specifies a probe to associate with a back-end server.

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

-ProbeId <System.String>

Specifies the ID of the probe to associate with the back-end server.

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

-Protocol <System.String>

Specifies the protocol for communication between application gateway and back-end servers. The acceptable values for this parameter are: Http and Https.

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

-RequestTimeout <System.Int32>

Specifies the request time-out value.

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

-TrustedRootCertificate <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayTrustedRootCertificate[]>

Application gateway Trusted Root Certificates

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 back-end HTTP settings to an application gateway

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

```
$AppGw = Add-AzApplicationGatewayBackendHttpSetting -ApplicationGateway $AppGw -Name "Setting02" -Port 88  
-Protocol "HTTP" -CookieBasedAffinity "Disabled"
```

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 adds back-end HTTP settings to the application gateway, setting the port to 88 and the protocol to HTTP and names the settings Setting02.

----- Example 2 -----

```
Add-AzApplicationGatewayBackendHttpSetting -ApplicationGateway <PSApplicationGateway> -CookieBasedAffinity  
Enabled -Name 'Setting02' -PickHostNameFromBackendAddress
```

-Port 88 -Probe <PSApplicationGatewayProbe> -Protocol http -RequestTimeout <Int32>

RELATED LINKS

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

Get-AzApplicationGatewayBackendHttpSetting

New-AzApplicationGatewayBackendHttpSetting

Remove-AzApplicationGatewayBackendHttpSetting

Set-AzApplicationGatewayBackendHttpSetting