



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

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

SYNOPSIS

Adds back-end TCP/TLS settings to an application gateway.

SYNTAX

```

Add-AzApplicationGatewayBackendSetting -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HostName
    <System.String>] -Name <System.String>
    [-PickHostNameFromBackendAddress] -Port <System.Int32> [-Probe
    <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbe>] [-ProbeId <System.String>]
    -Protocol {TCP | TLS} [-Timeout <System.Int32>] [-TrustedRootCertificate
    <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayTrustedRootCertificate[]>]

```

[<CommonParameters>]

DESCRIPTION

The `Add-AzApplicationGatewayBackendSetting` cmdlet adds back-end TCP/TLS settings to an application gateway. Back-end settings are applied to all back-end servers in the pool.

PARAMETERS

`-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

`-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>

The name of the backend settings

Required? true
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>

Port

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

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

Application gateway Probe

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

-ProbeId <System.String>

ID of the application gateway Probe

Required? false
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

-Timeout <System.Int32>

Timeout. Default value 30 seconds.

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 TCP/TLS settings to an application gateway

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

```
$AppGw = Add-AzApplicationGatewayBackendSetting -ApplicationGateway $Appgw -Name "Setting01" -Port 88  
-Protocol TCP
```

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 settings to the application gateway, setting the port to 88 and the protocol to TCP and names the settings Setting01.

RELATED LINKS

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

Get-AzApplicationGatewayBackendSetting

New-AzApplicationGatewayBackendSetting

Remove-AzApplicationGatewayBackendSetting

Set-AzApplicationGatewayBackendSetting