



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzApplicationGatewayBackendSetting'***

***PS: \>Get-HELP New-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**

New-AzApplicationGatewayBackendSetting

### **SYNOPSIS**

Creates back-end TCP/TLS setting for an application gateway.

### **SYNTAX**

```

New-AzApplicationGatewayBackendSetting [-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 `New-AzApplicationGatewayBackendSetting` cmdlet creates back-end TCP/TLS settings for an application gateway. Back-end settings are applied to all back-end servers in a pool.

## 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

`-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

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about\\_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

## INPUTS

None

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayBackendSettings

## NOTES

----- Example 1: Create back-end TCP\TLS settings -----

```
$Setting = New-AzApplicationGatewayBackendSetting -Name "Setting01" -Port 80 -Protocol Tcp
```

This command creates back-end settings named Setting01 on port 80, using the Tcp protocol The settings are stored in the \$Setting variable.

## RELATED LINKS

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

Add-AzApplicationGatewayBackendSetting

Get-AzApplicationGatewayBackendSetting

Remove-AzApplicationGatewayBackendSetting

Set-AzApplicationGatewayBackendSetting