



## ***Windows PowerShell Get-Help on Cmdlet 'Set-AzApplicationGatewayProbeConfig'***

***PS:\>Get-HELP Set-AzApplicationGatewayProbeConfig -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**

Set-AzApplicationGatewayProbeConfig

### **SYNOPSIS**

Sets the health probe configuration on an existing Application Gateway.

### **SYNTAX**

```

Set-AzApplicationGatewayProbeConfig -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HostName
<System.String>] -Interval <System.Int32> [-Match
    <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbeHealthResponseMatch>] [-MinServers
<System.Int32>] -Name <System.String> [-Path <System.String>]
    [-PickHostNameFromBackendHttpSettings] [-Port <System.Int32>] -Protocol {Http | Https | TCP | TLS} -Timeout
<System.Int32> -UnhealthyThreshold <System.Int32>

```

## DESCRIPTION

The Set-AzApplicationGatewayProbeConfig cmdlet sets the health probe configuration on an existing Application Gateway.

## PARAMETERS

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

Specifies the application gateway to which this cmdlet sends a probe.

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>

Specifies the host name that this cmdlet sends the probe to.

Required?	false
Position?	named
Default value	None

Accept pipeline input? False

Accept wildcard characters? false

**-Interval <System.Int32>**

Specifies the probe interval in seconds. This is the time interval between two consecutive probes. This value is between 1 second and 86400 seconds.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

**-Match <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbeHealthResponseMatch>**

Body that must be contained in the health response. Default value is empty

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

**-MinServers <System.Int32>**

Minimum number of servers that are always marked healthy. Default value is 0

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

**-Name <System.String>**

Specifies the name of the probe.

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

**-Path <System.String>**

Specifies the relative path of probe. Valid paths start with the slash character (/). The probe is sent to <Protocol>://<host>:<port><path>.

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

**-PickHostNameFromBackendHttpSettings <System.Management.Automation.SwitchParameter>**

Whether the host header should be picked from the backend http settings. Default value is false

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

**-Port <System.Int32>**

Port that is used for probing the backend server

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

Accept wildcard characters? false

-Protocol <System.String>

Specifies the protocol used to send probe.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Timeout <System.Int32>

Specifies the probe timeout in seconds. This cmdlet marks the probe as failed if a valid response is not received with this timeout period. Valid values are between 1 second and 86400 seconds.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-UnhealthyThreshold <System.Int32>

Specifies the probe retry count. The backend server is marked down after consecutive probe failure count reaches the unhealthy threshold. Valid values are between 1 second and 20 seconds.

Required? true

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: Set the configuration for a health probe on an application gateway

```
Set-AzApplicationGatewayProbeConfig -ApplicationGateway Gateway -Name "Probe05" -Protocol Http -HostName  
"contoso.com" -Path "/path/custompath.htm" -Interval 30  
-Timeout 120 -UnhealthyThreshold 8
```

This command sets the configuration for a health probe named Probe05 for the application gateway named Gateway. The command also sets the unhealthy threshold to 8 retries and times out after 120 seconds.

```
Set-AzApplicationGatewayProbeConfig -ApplicationGateway Gateway -Interval 30 -Match
<PSApplicationGatewayProbeHealthResponseMatch> -Name 'Probe05' -Path
'/path/custompath.htm' -PickHostNameFromBackendHttpSettings -Protocol https -Timeout 120 -UnhealthyThreshold 8
```

## RELATED LINKS

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

Add-AzApplicationGatewayProbeConfig

Get-AzApplicationGatewayProbeConfig

New-AzApplicationGatewayProbeConfig

Remove-AzApplicationGatewayProbeConfig