



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

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

#### **SYNOPSIS**

Updates a probe configuration for a load balancer.

#### **SYNTAX**

```
Set-AzLoadBalancerProbeConfig [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -IntervalInSeconds  
    <System.Int32> -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name <System.String>  
-Port <System.Int32> -ProbeCount <System.Int32>  
    [-ProbeThreshold <System.Nullable`1[System.Int32]>] [-Protocol <System.String>] [-RequestPath <System.String>]  
[-Confirm] [-WhatIf] [<CommonParameters>]
```

## DESCRIPTION

The Set-AzLoadBalancerProbeConfig cmdlet updates a probe configuration for a load balancer.

## 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

-IntervalInSeconds <System.Int32>

Specifies the interval, in seconds, between probes to each instance of the load-balanced service.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer>

Specifies a load balancer. This cmdlet updates a probe configuration for the load balancer that this parameter specifies.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the probe configuration that this cmdlet sets.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Port <System.Int32>

Specifies the port on which probes should connect to a load-balanced service.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProbeCount <System.Int32>

Specifies the number of per-instance consecutive failures for an instance to be considered unhealthy.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProbeThreshold <System.Nullable`1[System.Int32]>

Specifies the number of consecutive successful or failed probes in order to allow or deny traffic from being delivered to this endpoint.

Required? false

Position? named

Default value           None

Accept pipeline input?    True (ByPropertyName)

Accept wildcard characters? false

#### -Protocol <System.String>

Specifies the protocol to use for the probing. The acceptable values for this parameter are: Tcp or Http.

Required?               false

Position?               named

Default value           None

Accept pipeline input?    True (ByPropertyName)

Accept wildcard characters? false

#### -RequestPath <System.String>

Specifies the path in the load-balanced service to probe to determine health.

Required?               false

Position?               named

Default value           None

Accept pipeline input?    True (ByPropertyName)

Accept wildcard characters? false

#### -Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required?               false

Position?               named

Default value           False

Accept pipeline input?    False

Accept wildcard characters? false

#### -WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

|                             |       |
|-----------------------------|-------|
| Required?                   | false |
| Position?                   | named |
| Default value               | False |
| 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.PSLoadBalancer

System.String

System.Int32

#### OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSLoadBalancer

#### NOTES

- Example 1: Modify the probe configuration on a load balancer -

```
$slb = Get-AzLoadBalancer -Name "MyLoadBalancer" -ResourceGroupName "MyResourceGroup"
```

```
$slb | Add-AzLoadBalancerProbeConfig -Name "NewProbe" -Protocol "http" -Port 80 -IntervalInSeconds 15 -ProbeCount  
2 -ProbeThreshold 2 -RequestPath "healthcheck.aspx"
```

```
$slb | Set-AzLoadBalancerProbeConfig -Name "NewProbe" -Port 80 -IntervalInSeconds 15 -ProbeCount 2
```

The first command gets the loadbalancer named MyLoadBalancer, and then stores it in the \$slb variable. The second command uses the pipeline operator to pass the load

balancer in \$slb to Add-AzLoadBalancerProbeConfig, which adds a new probe configuration to it. The third command passes the load balancer to

Set-AzLoadBalancerProbeConfig, which sets the new configuration. Note that it is necessary to specify several of the same parameters that were specified in the

previous command because they are required by the current cmdlet.

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

```
Set-AzLoadBalancerProbeConfig -IntervalInSeconds 15 -Name 'NewProbe' -Port 443 -ProbeCount 2 -Protocol https  
-LoadBalancer <PSLoadBalancer>
```

## RELATED LINKS

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

Add-AzLoadBalancerProbeConfig

Get-AzLoadBalancer

Get-AzLoadBalancerProbeConfig

New-AzLoadBalancerProbeConfig

Remove-AzLoadBalancerProbeConfig

