



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

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

New-AzLoadBalancerProbeConfig

### **SYNOPSIS**

Creates a probe configuration for a load balancer.

### **SYNTAX**

```

New-AzLoadBalancerProbeConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -IntervalInSeconds
    <System.Int32> -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 New-AzLoadBalancerProbeConfig cmdlet creates a probe configuration for an Azure 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 a load-balanced service.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

**-Name** <System.String>

Specifies the name of the probe configuration to create.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

**-Port** <System.Int32>

Specifies the port on which the new probe 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 probe configuration. 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 a 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

System.String

System.Int32

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSProbe

## NOTES

----- Example 1: Create a probe configuration -----

```
New-AzLoadBalancerProbeConfig -Name "MyProbe" -Protocol "http" -Port 80 -IntervalInSeconds 15 -ProbeCount 15  
-ProbeThreshold 15
```

This command creates a probe configuration named MyProbe using the HTTP protocol. The new probe will connect to a load-balanced service on port 80.

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

```
New-AzLoadBalancerProbeConfig -IntervalInSeconds 15 -Name 'MyProbe' -Port 80 -ProbeCount 15 -ProbeThreshold 15  
-Protocol 'http' -RequestPath 'healthcheck.aspx'
```

## RELATED LINKS

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

Add-AzLoadBalancerProbeConfig

Get-AzLoadBalancerProbeConfig

Remove-AzLoadBalancerProbeConfig

Set-AzLoadBalancerProbeConfig