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Windows PowerShell Get-Help on Cmdlet 'New-AzApplicationGatewayProbeConfig'

PS:\>Get-HELP New-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

New-AzApplicationGatewayProbeConfig

SYNOPSIS

Creates a health probe.

SYNTAX

New-AzApplicationGatewayProbeConfig [-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> [<CommonParameters>]

DESCRIPTION

The New-AzApplicationGatewayProbeConfig cmdlet creates a health probe.

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>

Specifies the host name that this cmdlet sends the probe.

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>

   Specifies the port used for probing backend servers.

   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

None

OUTPUTS

    Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayProbe

NOTES

    ---------- Example 1: Example1: Create a health probe ----------

        New-AzApplicationGatewayProbeConfig -Name "Probe03" -Protocol Http -HostName "contoso.com" -Path "/path/custompath.htm" -Interval 30 -Timeout 120 -UnhealthyThreshold 8

   This command creates a health probe named Probe03, with HTTP protocol, a 30 second interval, timeout of 120 seconds, and an unhealthy threshold of 8 retries.

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

      New-AzApplicationGatewayProbeConfig -Interval 30 -Match <PSApplicationGatewayProbeHealthResponseMatch> -Name 'Probe03' -Path '/path/custompath.htm'
    -PickHostNameFromBackendHttpSettings -Protocol https -Timeout 120 -UnhealthyThreshold 8

RELATED LINKS

   Online Version: https://learn.microsoft.com/powershell/module/az.network/new-azapplicationgatewayprobeconfig

   Create custom probe for Application Gateway using PowerShell for Azure Resource Manager

   https://azure.microsoft.com/en-us/documentation/articles/application-gateway-create-probe-ps/#

Add-AzApplicationGatewayProbeConfig

Get-AzApplicationGatewayProbeConfig

Remove-AzApplicationGatewayProbeConfig

Set-AzApplicationGatewayProbeConfig