



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

PS:\>Get-HELP New-AzContainerAppProbeObject -Full

NAME

New-AzContainerAppProbeObject

SYNOPSIS

Create an in-memory object for ContainerAppProbe.

SYNTAX

```
New-AzContainerAppProbeObject [-FailureThreshold <Int32>] [-HttpGetHost <String>] [-HttpGetHttpHeader  
<IContainerAppProbeHttpGetHttpHeadersItem[]>] [-HttpGetPath  
<String>] [-HttpGetPort <Int32>] [-HttpGetScheme <String>] [-InitialDelaySecond <Int32>] [-PeriodSecond <Int32>]  
[-SuccessThreshold <Int32>] [-TcpSocketHost <String>]  
[-TcpSocketPort <Int32>] [-TerminationGracePeriodSecond <Int64>] [-TimeoutSecond <Int32>] [-Type <String>]  
[<CommonParameters>]
```

DESCRIPTION

Create an in-memory object for ContainerAppProbe.

PARAMETERS

-FailureThreshold <Int32>

Minimum consecutive failures for the probe to be considered failed after having succeeded.

Defaults to 3.

Minimum value is 1.

Maximum value is 10.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-HttpGetHost <String>

Host name to connect to, defaults to the pod IP.

You probably want to set "Host" in httpHeaders instead.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpGetHTTPHeader <IContainerAppProbeHttpGetHttpHeadersItem[]>

Custom headers to set in the request.

HTTP allows repeated headers.

To construct, see NOTES section for HTTPGETHTTPHEADER properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpGetPath <String>

Path to access on the HTTP server.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpGetPort <Int32>

Name or number of the port to access on the container.

Number must be in the range 1 to 65535.

Name must be an IANA_SVC_NAME.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-HttpGetScheme <String>

Scheme to use for connecting to the host.

Defaults to HTTP.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InitialDelaySecond <Int32>

Number of seconds after the container has started before liveness probes are initiated.

Minimum value is 1.

Maximum value is 60.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-PeriodSecond <Int32>

How often (in seconds) to perform the probe.

Default to 10 seconds.

Minimum value is 1.

Maximum value is 240.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SuccessThreshold <Int32>

Minimum consecutive successes for the probe to be considered successful after having failed.

Defaults to 1.

Must be 1 for liveness and startup.

Minimum value is 1.

Maximum value is 10.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-TcpSocketHost <String>

Optional: Host name to connect to, defaults to the pod IP.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TcpSocketPort <Int32>

Number or name of the port to access on the container.

Number must be in the range 1 to 65535.

Name must be an IANA_SVC_NAME.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-TerminationGracePeriodSecond <Int64>

Optional duration in seconds the pod needs to terminate gracefully upon probe failure.

The grace period is the duration in seconds after the processes running in the pod are sent a termination signal and the time when the processes are forcibly

halted with a kill signal.

Set this value longer than the expected cleanup time for your process.

If this value is nil, the pod's terminationGracePeriodSeconds will be used.

Otherwise, this value overrides the value provided by the pod spec.

Value must be non-negative integer.

The value zero indicates stop immediately via the kill signal (no opportunity to shut down).

This is an alpha field and requires enabling ProbeTerminationGracePeriod feature gate.

Maximum value is 3600 seconds (1 hour).

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-TimeoutSecond <Int32>

Number of seconds after which the probe times out.
Defaults to 1 second.
Minimum value is 1.
Maximum value is 240.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-Type <String>

The type of probe.

Required? false
Position? named
Default value
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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.App.Models.ContainerAppProbe

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

HTTPGETHTTPHEADER <IContainerAppProbeHttpGetHttpHeadersItem[]>: Custom headers to set in the request.

HTTP allows repeated headers.

Name <String>: The header field name

Value <String>: The header field value

----- EXAMPLE 1 -----

```
PS C:\>$probeHttpGetHttpHeader = New-AzContainerAppProbeHeaderObject -Name "Custom-Header" -Value  
"Awesome"
```

```
New-AzContainerAppProbeObject -Type "Liveness" -HttpGetPath "/health" -HttpGetPort 8080 -InitialDelaySecond 3  
-PeriodSecond 3 -HttpGetHttpHeader  
$probeHttpGetHttpHeader
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/Az.App/new-azcontainerappprobeobject>