



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

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

NAME

New-AzCdnOriginGroup

SYNOPSIS

Creates a new origin group within the specified endpoint.

SYNTAX

```
New-AzCdnOriginGroup -EndpointName <String> -Name <String> -ProfileName <String> -ResourceGroupName
<String> [-SubscriptionId <String>] [-HealthProbeSetting
    <IHealthProbeParameters>] [-Origin <IResourceReference[]>] [-ResponseBasedOriginErrorDetectionSetting
    <IResponseBasedOriginErrorDetectionParameters>]
    [-TrafficRestorationTimeToHealedOrNewEndpointsInMinute <Int32>] [-DefaultProfile <PSObject>] [-AsJob] [-Break]
    [-HttpPipelineAppend <SendAsyncStep[]>]
    [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
    [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
    [<CommonParameters>]
```

DESCRIPTION

Creates a new origin group within the specified endpoint.

PARAMETERS

-EndpointName <String>

Name of the endpoint under the profile which is unique globally.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Name <String>

Name of the origin group which is unique within the endpoint.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProfileName <String>

Name of the CDN profile which is unique within the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

Name of the Resource group within the Azure subscription.

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

-SubscriptionId <String>

Azure Subscription ID.

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

-HealthProbeSetting <IHealthProbeParameters>

Health probe settings to the origin that is used to determine the health of the origin.

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

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

-Origin <IResourceReference[]>

The source of the content being delivered via CDN within given origin group.

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

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResponseBasedOriginErrorDetectionSetting <IResponseBasedOriginErrorDetectionParameters>

The JSON object that contains the properties to determine origin health using real requests/responses.

This property is currently not supported.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TrafficRestorationTimeToHealedOrNewEndpointsInMinute <Int32>

Time in minutes to shift the traffic to the endpoint gradually when an unhealthy endpoint comes healthy or a new endpoint is added.

Default is 10 mins.

This property is currently not supported.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

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

-NoWait [<SwitchParameter>]

Run the command asynchronously

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

-Proxy <Uri>

The URI for the proxy server to use

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

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

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

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

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>).

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Cdn.Models.Api20240201.IOriginGroup

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.

HEALTHPROBESETTING <IHealthProbeParameters>: Health probe settings to the origin that is used to determine the health of the origin.

[ProbeIntervallnSecond <Int32?>]: The number of seconds between health probes.Default is 240sec.

[ProbePath <String>]: The path relative to the origin that is used to determine the health of the origin.

[ProbeProtocol <ProbeProtocol?>]: Protocol to use for health probe.

[ProbeRequestType <HealthProbeRequestType?>]: The type of health probe request that is made.

ORIGIN <IResourceReference[]>: The source of the content being delivered via CDN within given origin group.

[Id <String>]: Resource ID.

RESPONSEBASEDORIGINERRORDETECTIONSETTING <IResponseBasedOriginErrorDetectionParameters>: The JSON object that contains the properties to determine origin health

using real requests/responses. This property is currently not supported.

[HttpErrorRange <IHttpErrorRangeParameters[]>]: The list of Http status code ranges that are considered as server errors for origin and it is marked as

unhealthy.

[Begin <Int32?>]: The inclusive start of the http status code range.

[End <Int32?>]: The inclusive end of the http status code range.

[ResponseBasedDetectedErrorType <ResponseBasedDetectedErrorTypes?>]: Type of response errors for user

requests for which origin will be deemed unhealthy

[ResponseBasedFailoverThresholdPercentage <Int32?>]: The percentage of failed requests in the sample where failover should trigger.

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

```
PS C:\>$healthProbeParameters = New-AzCdnHealthProbeParametersObject -ProbeIntervalInSecond 120 -ProbePath
"/check-health.aspx" -ProbeProtocol "Http"
-ProbeRequestType "HEAD"

$origin = Get-AzCdnOrigin -ResourceGroupName testps-rg-da16jm -ProfileName cdn001 -EndpointName endptest001
-Name origin1

New-AzCdnOriginGroup -ResourceGroupName testps-rg-da16jm -ProfileName cdn001 -EndpointName endptest001
-Name org001 -HealthProbeSetting $healthProbeParameters -Origin
@(@{ Id = $origin.Id })
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.cdn/new-azcdnorigingroup>