



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

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

NAME

New-AzFrontDoorCdnRoute

SYNOPSIS

Creates a new route with the specified route name under the specified subscription, resource group, profile, and AzureFrontDoor endpoint.

SYNTAX

```
New-AzFrontDoorCdnRoute -EndpointName <String> -Name <String> -ProfileName <String> -ResourceGroupName
<String> [-SubscriptionId <String>]

    [-CacheConfigurationQueryParameter <String>] [-CacheConfigurationQueryStringCachingBehavior
<AfdQueryStringCachingBehavior>]

    [-CompressionSettingContentTypesToCompress <String[]>] [-CompressionSettingsIsCompressionEnabled]
[-CustomDomain <IActivatedResourceReference[]>] [-EnabledState
<EnabledState>] [-ForwardingProtocol <ForwardingProtocol>] [-HttpsRedirect <HttpsRedirect>] [-LinkToDefaultDomain
<LinkToDefaultDomain>] [-OriginGroupId <String>]

    [-OriginPath <String>] [-PatternsToMatch <String[]>] [-RuleSet <IResourceReference[]>] [-SupportedProtocol
<AfdEndpointProtocols[]>] [-DefaultProfile <PSObject>]

    [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait]
```

[-Proxy <Uri>] [-ProxyCredential <PSCredential>]

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Creates a new route with the specified route name under the specified subscription, resource group, profile, and AzureFrontDoor 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 routing rule.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProfileName <String>

Name of the Azure Front Door Standard or Azure Front Door Premium 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

-CacheConfigurationQueryParameter <String>

query parameters to include or exclude (comma separated).

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

-CacheConfigurationQueryStringCachingBehavior <AfdQueryStringCachingBehavior>

Defines how Frontdoor caches requests that include query strings.

You can ignore any query strings when caching, ignore specific query strings, cache every request with a unique URL, or cache specific query strings.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CompressionSettingContentTypesToCompress <String[]>

List of content types on which compression applies.

The value should be a valid MIME type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CompressionSettingIsCompressionEnabled [<SwitchParameter>]

Indicates whether content compression is enabled on AzureFrontDoor.

Default value is false.

If compression is enabled, content will be served as compressed if user requests for a compressed version.

Content won't be compressed on AzureFrontDoor when requested content is smaller than 1 byte or larger than 1 MB.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-CustomDomain <IActivatedResourceReference[]>

Domains referenced by this endpoint.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EnabledState <EnabledState>

Whether to enable use of this rule.

Permitted values are 'Enabled' or 'Disabled'

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ForwardingProtocol <ForwardingProtocol>

Protocol this rule will use when forwarding traffic to backends.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpsRedirect <HttpsRedirect>

Whether to automatically redirect HTTP traffic to HTTPS traffic.

Note that this is a easy way to set up this rule and it will be the first rule that gets executed.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-LinkToDefaultDomain <LinkToDefaultDomain>

whether this route will be linked to the default endpoint domain.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OriginGroupId <String>

Resource ID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OriginPath <String>

A directory path on the origin that AzureFrontDoor can use to retrieve content from, e.g.
contoso.cloudapp.net/originpath.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PatternsToMatch <String[]>

The route patterns of the rule.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RuleSet <IResourceReference[]>

rule sets referenced by this endpoint.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SupportedProtocol <AfdEndpointProtocols[]>

List of supported protocols for this route.

Required? false

Position? named

Default value

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>).

INPUTS

OUTPUTS

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

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.

CUSTOMDOMAIN <IActivatedResourceReference[]>: Domains referenced by this endpoint.

[Id <String>]: Resource ID.

RULESET <IResourceReference[]>: rule sets referenced by this endpoint.

[Id <String>]: Resource ID.

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

```
PS C:\>$originGroup = Get-AzFrontDoorCdnOriginGroup -ResourceGroupName testps-rg-da16jm -ProfileName fdp-v542q6 -OriginGroupName org001
```

```
$ruleSet = Get-AzFrontDoorCdnRuleSet -ResourceGroupName testps-rg-da16jm -ProfileName fdp-v542q6 -RuleSetName ruleset001
```

```
$customdomain = Get-AzFrontDoorCdnCustomDomain -ResourceGroupName testps-rg-da16jm -ProfileName fdp-v542q6 -CustomDomainName domain001
```

```
$ruleSetResoure = New-AzFrontDoorCdnResourceReferenceObject -Id $ruleSet.Id
```

```
$customdomainResoure = New-AzFrontDoorCdnResourceReferenceObject -Id $customdomain.Id
```

```
New-AzFrontDoorCdnRoute -ResourceGroupName testps-rg-da16jm -ProfileName fdp-v542q6 -EndpointName end001  
-Name route001 -OriginGroupId $originGroup.Id -RuleSet  
    @($ruleSetResoure) -PatternsToMatch "/" -LinkToDefaultDomain "Enabled" -EnabledState "Enabled" -CustomDomain  
    @($customdomainResoure)
```

RELATED LINKS

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