



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

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

NAME

New-AzFrontDoorRoutingRuleObject

SYNOPSIS

Create a PSRoutingRuleObject for Front Door creation

SYNTAX

```
New-AzFrontDoorRoutingRuleObject [-AcceptedProtocol {Http | Https}] -BackendPoolName <System.String>
[-CustomForwardingPath <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DynamicCompression {Enabled | Disabled}] [-EnableCaching
<System.Boolean>] [-EnabledState {Enabled | Disabled}] [-ForwardingProtocol <System.String>] -FrontDoorName
<System.String> -FrontendEndpointName <System.String[]>
-Name <System.String> [-PatternToMatch <System.String[]>] [-QueryParamStripDirective <System.String>]
-ResourceGroupName <System.String> [-RulesEngineName
<System.String>] [<CommonParameters>]
```

```
New-AzFrontDoorRoutingRuleObject [-AcceptedProtocol {Http | Https}] [-CustomFragment <System.String>]
[-CustomHost <System.String>] [-CustomPath <System.String>]
```

[-CustomQueryString <System.String>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnabledState
 {Enabled | Disabled}] -FrontDoorName <System.String> -FrontendEndpointName <System.String[]> -Name
 <System.String> [-PatternToMatch <System.String[]>]
 [-RedirectProtocol <System.String>] [-RedirectType <System.String>] -ResourceGroupName <System.String>
 [-RulesEngineName <System.String>] [<CommonParameters>]

DESCRIPTION

Create a PSRoutingRuleObject for Front Door creation

PARAMETERS

-AcceptedProtocol <Microsoft.Azure.Commands.FrontDoor.Models.PSProtocol[]>
 Protocol schemes to match for this rule. Default value is {Https, Http}

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-BackendPoolName <System.String>
 Resource id of the BackendPool which this rule routes to

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-CustomForwardingPath <System.String>

The custom path used to rewrite resource paths matched by this rule. Leave empty to use incoming path. *Page 2/10*

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-CustomFragment <System.String>

Fragment to add to the redirect URL. Fragment is the part of the URL that comes after #. Do not include the #.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-CustomHost <System.String>

Host to redirect. Leave empty to use the incoming host as the destination host.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-CustomPath <System.String>

The full path to redirect. Path cannot be empty and must start with /. Leave empty to use the incoming path as destination path.

Required? false
Position? named
Default value None
Accept pipeline input? False

Accept wildcard characters? false

-CustomQueryString <System.String>

The set of query strings to be placed in the redirect URL. Setting this value would replace any existing query string; leave empty to preserve the incoming query

string. Query string must be in ``<key>=<value>`` format. The first ? and & will be added automatically so do not include them in the front, but do separate multiple query strings with &.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-DynamicCompression <Microsoft.Azure.Commands.FrontDoor.Models.PSEnabledState>

Whether to enable dynamic compression for cached content when caching is enabled. Default value is Enabled

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnableCaching <System.Boolean>

Whether to enable caching for this route. Default value is false

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnabledState <Microsoft.Azure.Commands.FrontDoor.Models.PSEnabledState>

Whether to enable use of this rule. Default value is Enabled

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ForwardingProtocol <System.String>

The protocol this rule will use when forwarding traffic to backends Default value is MatchRequest.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontDoorName <System.String>

The name of the Front Door to which this routing rule belongs.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendEndpointName <System.String[]>

The names of Frontend endpoints associated with this rule

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

RoutingRule name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PatternToMatch <System.String[]>

The route patterns of the rule, Must not have any * except possibly after the final / at the end of the path. Default value is /*

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-QueryParameterStripDirective <System.String>

The treatment of URL query terms when forming the cache key. Default value is StripAll

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RedirectProtocol <System.String>

The protocol of the destination to where the traffic is redirected. Default value is MatchRequest

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RedirectType <System.String>

The redirect type the rule will use when redirecting traffic. Default Value is Moved

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name that the RoutingRule will be created in.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RulesEngineName <System.String>

A reference to a specific Rules Engine Configuration to apply to this route.

Required? false

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.FrontDoor.Models.PSRoutingRule

NOTES

Example 1: Create a PSRoutingRuleObject for Front Door creation with a forwarding rule

```

New-AzFrontDoorRoutingRuleObject -Name $routingRuleName -FrontDoorName $frontDoorName
-ResourceGroupName $rgname -FrontendEndpointName "frontendEndpoint1"
-BackendPoolName "backendPool1"

FrontendEndpointIds      : {/subscriptions/{subid}/resourceGroups/{rgname}/pro
                           viders/Microsoft.Network/frontDoors/{frontdoorname}/FrontendEndpoints/frontendEndpoint1}
AcceptedProtocols        : {Http, Https}
PatternsToMatch           : {/*}
HealthProbeSettings       :
RouteConfiguration        : Microsoft.Azure.Commands.FrontDoor.Models.PSForwardingConfiguration
EnabledState              : Enabled
ResourceState              :
Id                        :
Name                      : {routingRuleName}
Type                      :

```

Example 2: Create a PSRoutingRuleObject for Front Door creation with a redirect rule

```

$customHost = "www.contoso.com"
$customPath = "/images/contoso.png"
$queryString = "field1=value1&field2=value2"
$destinationFragment = "section-header-2"

```

```

New-AzFrontDoorRoutingRuleObject -Name $routingRuleName -FrontDoorName $frontDoorName
-ResourceGroupName $rgname -FrontendEndpointName "frontendEndpoint1" -CustomHost
$customHost -CustomPath $customPath -CustomQueryString $queryString -CustomFragment $destinationFragment

FrontendEndpointIds      : {/subscriptions/{subid}/resourceGroups/{rgname}/pro
                           viders/Microsoft.Network/frontDoors/{frontdoorname}/FrontendEndpoints/frontendEndpoint1}
AcceptedProtocols        : {Http, Https}
PatternsToMatch           : {/*}

```

HealthProbeSettings :
RouteConfiguration : Microsoft.Azure.Commands.FrontDoor.Models.PSRedirectConfiguration
EnabledState : Enabled
ResourceState :
Id :
Name : {routingRuleName}
Type :

Create a PSRoutingRuleObject for Front Door creation

RELATED LINKS

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

New-AzFrontDoor

Set-AzFrontDoor