



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzFrontDoorCdnRule'***

***PS:\>Get-HELP New-AzFrontDoorCdnRule -Full***

### NAME

New-AzFrontDoorCdnRule

### SYNOPSIS

Creates a new delivery rule within the specified rule set.

### SYNTAX

```
New-AzFrontDoorCdnRule -Name <String> -ProfileName <String> -ResourceGroupName <String> -SetName <String>
[-SubscriptionId <String>] [-Action
    <IDeliveryRuleAction1[]>] [-Condition <IDeliveryRuleCondition[]>] [-MatchProcessingBehavior
    <MatchProcessingBehavior>] [-Order <Int32>] [-DefaultProfile <PSObject>]
    [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait]
    [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
    [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

### DESCRIPTION

Creates a new delivery rule within the specified rule set.

## PARAMETERS

### -Name <String>

Name of the delivery rule 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 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

### -SetName <String>

Name of the rule set under the profile.

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

-Action <IDeliveryRuleAction1[]>

A list of actions that are executed when all the conditions of a rule are satisfied.  
To construct, see NOTES section for ACTION properties and create a hash table.

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

-Condition <IDeliveryRuleCondition[]>

A list of conditions that must be matched for the actions to be executed  
To construct, see NOTES section for CONDITION properties and create a hash table.

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

Accept wildcard characters? false

#### -MatchProcessingBehavior <MatchProcessingBehavior>

If this rule is a match should the rules engine continue running the remaining rules or stop.

If not present, defaults to Continue.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -Order <Int32>

The order in which the rules are applied for the endpoint.

Possible values {0,1,2,3,?????????}.

A rule with a lesser order will be applied before a rule with a greater order.

Rule with order 0 is a special rule.

It does not require any condition and actions listed in it will always be applied.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

## INPUTS

## OUTPUTS

## 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.

**ACTION** <IDeliveryRuleAction1[]>: A list of actions that are executed when all the conditions of a rule are satisfied.

**Name** <DeliveryRuleAction>: The name of the action for the delivery rule.

**CONDITION** <IDeliveryRuleCondition[]>: A list of conditions that must be matched for the actions to be executed

**Name** <MatchVariable>: The name of the condition for the delivery rule.

#### ----- EXAMPLE 1 -----

```
PS C:\>$conditions = @(
```

```
    New-AzFrontDoorCdnRuleClientPortConditionObject -Name ClientPort -ParameterOperator Equal
    -ParameterMatchValue 80,81
```

```
    New-AzFrontDoorCdnRuleIsDeviceConditionObject -Name IsDevice -ParameterMatchValue Mobile
```

```
    New-AzFrontDoorCdnRuleSslProtocolConditionObject -Name SslProtocol -ParameterMatchValue TLSv1.2
```

```
);
```

```
$actions = @(
```

```
    New-AzFrontDoorCdnRuleRequestHeaderActionObject -Name ModifyRequestHeader -ParameterHeaderAction
    Append -ParameterHeaderName a1 -ParameterValue a1
```

```
    New-AzFrontDoorCdnRuleResponseHeaderActionObject -Name ModifyResponseHeader -ParameterHeaderAction
```



Append -ParameterHeaderName a1 -ParameterValue a1

```
New-AzFrontDoorCdnRuleUrlRedirectActionObject -Name UrlRedirect -ParameterRedirectType Moved  
-ParameterDestinationProtocol MatchRequest  
);
```

```
New-AzFrontDoorCdnRule -ResourceGroupName testps-rg-da16jm -ProfileName fdp-v542q6 -RuleSetName ruleset001  
-Name rule1 -Action $actions -Condition $conditions
```

## RELATED LINKS

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