



Windows PowerShell Get-Help on Cmdlet 'Add-AzApplicationGatewayRequestRoutingRule'

PS: \> Get-HELP Add-AzApplicationGatewayRequestRoutingRule -Full

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Add-AzApplicationGatewayRequestRoutingRule

SYNOPSIS

Adds a request routing rule to an application gateway.

SYNTAX

Add-AzApplicationGatewayRequestRoutingRule -ApplicationGateway

<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-BackendAddressPool

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayBackendAddressPool>] [-BackendHttpSettings

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayBackendHttpSettings>] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HttpListener

<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayHttpListener>] -Name <System.String> [-Priority

<System.Nullable`1[System.Int32]>]

[-RedirectConfiguration <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayRedirectConfiguration>]

`[-RewriteRuleSet`

`<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayRewriteRuleSet>] -RuleType {Basic |`

`PathBasedRouting} [-UrlPathMap`

`<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayUrlPathMap>] [<CommonParameters>]`

`Add-AzApplicationGatewayRequestRoutingRule -ApplicationGateway`

`<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-BackendAddressPoolId <System.String>]`

`[-BackendHttpSettingsId <System.String>] [-DefaultProfile`

`<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-HttpListenerId`

`<System.String>] -Name <System.String> [-Priority <System.Nullable`1[System.Int32]>] [-RedirectConfigurationId`

`<System.String>] [-RewriteRuleSetId <System.String>]`

`-RuleType {Basic | PathBasedRouting} [-UrlPathMapId <System.String>] [<CommonParameters>]`

DESCRIPTION

The `Add-AzApplicationGatewayRequestRoutingRule` cmdlet adds a request routing rule to an application gateway.

PARAMETERS

`-ApplicationGateway <Microsoft.Azure.Commands.Network.Models.PSApplicationGateway>`

Specifies an application gateway to which this cmdlet adds a request routing rule.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

`-BackendAddressPool <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayBackendAddressPool>`

Specifies an application gateway back-end address pool object.

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-BackendAddressPoolId <System.String>

Specifies an application gateway back-end address pool ID.

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

-BackendHttpSettings <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayBackendHttpSettings>

Specifies a back-end HTTP settings object for an application gateway.

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

-BackendHttpSettingsId <System.String>

Specifies a backend HTTP settings ID for an application gateway.

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

-HttpListener <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayHttpListener>

Specifies application gateway HTTP listener object.

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

-HttpListenerId <System.String>

Specifies application gateway HTTP listener ID.

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

-Name <System.String>

Specifies the name of request routing rule this cmdlet adds.

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

-Priority <System.Nullable`1[System.Int32]>

The priority of the rule

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RedirectConfiguration <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayRedirectConfiguration>

Application gateway RedirectConfiguration

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RedirectConfigurationId <System.String>

ID of the application gateway RedirectConfiguration

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RewriteRuleSet <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayRewriteRuleSet>

Application gateway RewriteRuleSet

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RewriteRuleSetId <System.String>

ID of the application gateway RewriteRuleSet

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

-RuleType <System.String>

Specifies the type of request routing rule.

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

-UrlPathMap <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayUrlPathMap>

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

-UrlPathMapId <System.String>

Specifies the URL path map ID for the routing rule.

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

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

NOTES

Example 1: Add a request routing rule to an application gateway

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$Appgw = Add-AzApplicationGatewayRequestRoutingRule -ApplicationGateway $AppGw -Name "Rule01" -RuleType
Basic -Priority 100 -BackendHttpSettings $Setting
```

-HttpListener \$Listener -BackendAddressPool \$Pool

The first command gets the application gateway and stores it in the \$AppGw variable. The second command adds the request routing rule to the application gateway.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/add-azapplicationgatewayrequestroutingrule>

Get-AzApplicationGatewayRequestRoutingRule

New-AzApplicationGatewayRequestRoutingRule

Remove-AzApplicationGatewayRequestRoutingRule

Set-AzApplicationGatewayRequestRoutingRule