



Windows PowerShell Get-Help on Cmdlet 'Set-AzLoadBalancerOutboundRuleConfig'

PS:\>Get-HELP Set-AzLoadBalancerOutboundRuleConfig -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

Set-AzLoadBalancerOutboundRuleConfig

SYNOPSIS

Sets an outbound rule configuration for a load balancer.

SYNTAX

```
Set-AzLoadBalancerOutboundRuleConfig [-AllocatedOutboundPort <System.Int32>] -BackendAddressPool
<Microsoft.Azure.Commands.Network.Models.PSBackendAddressPool>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableTcpReset] -FrontendIpConfiguration
<Microsoft.Azure.Commands.Network.Models.PSResourceId[]> [-IdleTimeoutInMinutes <System.Int32>] -LoadBalancer
<Microsoft.Azure.Commands.Network.Models.PSLoadBalancer>
-Name <System.String> -Protocol <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```

Set-AzLoadBalancerOutboundRuleConfig [-AllocatedOutboundPort <System.Int32>] -BackendAddressPoolId
<System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnableTcpReset]
-FrontendIpConfiguration
<Microsoft.Azure.Commands.Network.Models.PSResourceId[]> [-IdleTimeoutInMinutes <System.Int32>] -LoadBalancer
<Microsoft.Azure.Commands.Network.Models.PSLoadBalancer>
-Name <System.String> -Protocol <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzLoadBalancerOutboundRuleConfig cmdlet sets an outbound rule configuration for an Azure load balancer.

PARAMETERS

-AllocatedOutboundPort <System.Int32>

The number of outbound ports to be used for NAT.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-BackendAddressPool <Microsoft.Azure.Commands.Network.Models.PSBackendAddressPool>

A reference to a pool of DIPs. Outbound traffic is randomly load balanced across IPs in the backend IPs.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-BackendAddressPoolId <System.String>

A reference to a pool of DIPs. Outbound traffic is randomly load balanced across IPs in the backend IPs.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
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

-EnableTcpReset <System.Management.Automation.SwitchParameter>

Receive bidirectional TCP Reset on TCP flow idle timeout or unexpected connection termination. This element is only used when the protocol is set to TCP.

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

-FrontendIpConfiguration <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>

The Frontend IP addresses of the load balancer.

Required? true
Position? named
Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-IdleTimeoutInMinutes <System.Int32>

The timeout for the TCP idle connection

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer>

The reference of the load balancer resource.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Name <System.String>

Name of the outbound rule.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Protocol <System.String>

Protocol - TCP, UDP or All

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
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

Microsoft.Azure.Commands.Network.Models.PSLoadBalancer

System.Int32

System.String

Microsoft.Azure.Commands.Network.Models.PSResourceId[]

Microsoft.Azure.Commands.Network.Models.PSBackendAddressPool

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSLoadBalancer

NOTES

Example 1: Modify the outbound rule configuration on a load balancer

```
$slb = Get-AzLoadBalancer -ResourceGroupName "MyResourceGroup" -Name "MyLoadBalancer"
```

```
    $slb | Add-AzLoadBalancerOutboundRuleConfig -Name "NewRule" -Protocol "Tcp" -FrontendIPConfiguration  
$slb.FrontendIPConfigurations[0] -BackendAddressPool
```

```
$slb.BackendAddressPools[0] -IdleTimeoutInMinutes 5
```

```
    $slb | Set-AzLoadBalancerOutboundRuleConfig -Name "NewRule" -Protocol "Tcp" -FrontendIPConfiguration  
$slb.FrontendIPConfigurations[0] -BackendAddressPool
```

```
$slb.BackendAddressPools[0] -IdleTimeoutInMinutes 10
```

The first command gets the load balancer named MyLoadBalancer, and then stores it in the \$slb variable. The second command uses the pipeline operator to pass the load

balancer in \$slb to Add-AzLoadBalancerOutboundRuleConfig, which adds an outbound rule configuration to it. The third command passes the load balancer to

Set-AzLoadBalancerOutboundRuleConfig , which saves and updates the outbound rule configuration.

RELATED LINKS

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

Add-AzLoadBalancerOutboundRuleConfig

Get-AzLoadBalancerOutboundRuleConfig

New-AzLoadBalancerOutboundRuleConfig

Remove-AzLoadBalancerOutboundRuleConfig