



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

PS:\>Get-HELP Set-AzLoadBalancerFrontendIpConfig -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-AzLoadBalancerFrontendIpConfig

SYNOPSIS

Updates a front-end IP configuration for a load balancer.

SYNTAX

Set-AzLoadBalancerFrontendIpConfig [-DefaultProfile

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

[-GatewayLoadBalancerId

<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name

<System.String> [-PrivateIpAddress <System.String>]

[-PrivateIpAddressVersion {IPv4 | IPv6}] -Subnet <Microsoft.Azure.Commands.Network.Models.PSSubnet> [-Zone

<System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

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

[-GatewayLoadBalancerId

<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name

<System.String> [-PrivateIpAddress <System.String>]

[-PrivateIpAddressVersion {IPv4 | IPv6}] -SubnetId <System.String> [-Zone <System.String[]>] [-Confirm] [-WhatIf]

[<CommonParameters>]

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

[-GatewayLoadBalancerId

<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name

<System.String> -PublicIpAddress

<Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress> [-Zone <System.String[]>] [-Confirm] [-WhatIf]

[<CommonParameters>]

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

[-GatewayLoadBalancerId

<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name

<System.String> -PublicIpAddressId <System.String> [-Zone

<System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

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

[-GatewayLoadBalancerId

<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name

<System.String> -PublicIpAddressPrefix

<Microsoft.Azure.Commands.Network.Models.PSPublicIpPrefix> [-Zone <System.String[]>] [-Confirm] [-WhatIf]

[<CommonParameters>]

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

`[-GatewayLoadBalancerId`

`<System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -Name`

`<System.String> -PublicIpAddressPrefixId <System.String> [-Zone`

`<System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]`

DESCRIPTION

The `Set-AzLoadBalancerFrontendIpConfig` cmdlet updates a front-end IP configuration for a load balancer.

PARAMETERS

`-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

`-GatewayLoadBalancerId <System.String>`

Specifies the ID of the Gateway Load Balancer Provider Frontend Ip Configuration.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Specifies a load balancer. This cmdlet updates a front-end configuration for the load balancer that this parameter specifies.

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

-Name <System.String>

Specifies the name of the front-end IP configuration to set.

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

-PrivateIpAddress <System.String>

Specifies the private IP address of the load balancer that is associated with the front-end IP configuration to set.

Specify this parameter only if you also
specify the Subnet parameter.

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

-PrivateIpAddressVersion <System.String>

The private IP address version of the IP configuration.

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

Accept wildcard characters? false

-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>

Specifies the PublicIpAddress object that is associated with the front-end IP configuration to set.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublicIpAddressId <System.String>

Specifies the ID of the PublicIpAddress object that is associated with the front-end IP configuration that this cmdlet sets.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublicIpAddressPrefix <Microsoft.Azure.Commands.Network.Models.PSPublicIpPrefix>

Specifies the PublicIpAddressPrefix object to associate with a front-end IP configuration.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-PublicIpAddressPrefixId <System.String>

Specifies the ID of the PublicIpAddressPrefix object to associate with a front-end IP configuration.

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

-Subnet <Microsoft.Azure.Commands.Network.Models.PSSubnet>

Specifies the Subnet object that contains the front-end IP configuration that this cmdlet sets.

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

-SubnetId <System.String>

Specifies the ID of the subnet that contains the front-end IP configuration that this cmdlet sets.

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

-Zone <System.String[]>

A list of availability zones denoting the IP allocated for the resource needs to come from.

Required? false
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>).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSLoadBalancer

System.String

System.String[]

Microsoft.Azure.Commands.Network.Models.PSSubnet

Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSLoadBalancer

NOTES

Example 1: Modify the front-end IP configuration of a load balancer

```
$Subnet = Get-AzVirtualNetwork -Name "MyVnet" -ResourceGroupName "MyResourceGroup" |  
Get-AzVirtualNetworkSubnetConfig -Name "Subnet"  
$slb = Get-AzLoadBalancer -Name "MyLoadBalancer" -ResourceGroupName "MyResourceGroup"  
$slb | Add-AzLoadBalancerFrontendIpConfig -Name "NewFrontend" -Subnet $Subnet  
$slb | Set-AzLoadBalancerFrontendIpConfig -Name "NewFrontend" -Subnet $Subnet  
$slb | Set-AzLoadBalancer
```

The first command gets the virtual subnet named Subnet, and then stores it in the \$Subnet variable. The second command gets the associated load balancer named

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

Add-AzLoadBalancerFrontendIpConfig, which creates a front-end IP configuration named NewFrontend for \$slb. The fourth command passes the load balancer in \$slb to

Set-AzLoadBalancerFrontendIpConfig , which saves and updates the front-end IP configuration.

Example 2: Modify the front-end IP configuration of a load balancer with Gateway Load Balancer

```
$slb1 = Get-AzLoadBalancer -Name "MyLoadBalancer1" -ResourceGroupName "MyResourceGroup"
$feip = Get-AzLoadBalancerFrontendIpConfig -Name "MyFrontEnd" -LoadBalancer $slb1
$slb2 = Get-AzLoadBalancer -Name "MyLoadBalancer1" -ResourceGroupName "MyResourceGroup"
$slb2 | Set-AzLoadBalancerFrontendIpConfig -Name "NewFrontend" -PublicIpAddress $publicIp
-GatewayLoadBalancerId $feip.Id
$slb2 | Set-AzLoadBalancer
```

RELATED LINKS

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

Add-AzLoadBalancerFrontendIpConfig

Get-AzLoadBalancer

Get-AzLoadBalancerFrontendIpConfig

Get-AzVirtualNetwork

New-AzLoadBalancerFrontendIpConfig

Remove-AzLoadBalancerFrontendIpConfig