



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

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

SYNOPSIS

Updates the backend pool on a loadbalancer

SYNTAX

```

Set-AzLoadBalancerBackendAddressPool [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSBackendAddressPool> [-PassThru] [-TunnelInterface
<Microsoft.Azure.Commands.Network.Models.PSTunnelInterface[]>] [-Confirm]
    [-WhatIf] [<CommonParameters>]
```

```

Set-AzLoadBalancerBackendAddressPool [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
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```

```

-LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> -LoadBalancerBackendAddress
    <Microsoft.Azure.Commands.Network.Models.PSLoadBalancerBackendAddress[]> -Name <System.String> [-PassThru]
[-TunnelInterface
    <Microsoft.Azure.Commands.Network.Models.PSTunnelInterface[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzLoadBalancerBackendAddressPool [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
    -LoadBalancerBackendAddress <Microsoft.Azure.Commands.Network.Models.PSLoadBalancerBackendAddress[]>
-LoadBalancerName <System.String> -Name <System.String>
    [-PassThru] -ResourceGroupName <System.String> [-TunnelInterface
    <Microsoft.Azure.Commands.Network.Models.PSTunnelInterface[]>] [-Confirm] [-WhatIf]
    [<CommonParameters>]

```

```

Set-AzLoadBalancerBackendAddressPool [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
    -LoadBalancerBackendAddress <Microsoft.Azure.Commands.Network.Models.PSLoadBalancerBackendAddress[]>
[-PassThru] -ResourceId <System.String> [-TunnelInterface
    <Microsoft.Azure.Commands.Network.Models.PSTunnelInterface[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Updates the backend pool on a loadbalancer

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

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

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

The backend address pool to set

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

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

The load balancer resource.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-LoadBalancerBackendAddress <Microsoft.Azure.Commands.Network.Models.PSLoadBalancerBackendAddress[]>

The backend addresses.

Required? true

Position? named

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

-LoadBalancerName <System.String>

The name of the load balancer.

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

-Name <System.String>

The name of the backend pool.

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

-PassThru <System.Management.Automation.SwitchParameter>

{{ Fill PassThru Description }}

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

-ResourceGroupName <System.String>

The resource group name of the load balancer.

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

-ResourceId <System.String>

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

-TunnelInterface <Microsoft.Azure.Commands.Network.Models.PSTunnelInterface[]>

Gateway Load Balancer provider configurations.

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSBackendAddressPool

NOTES

----- Example 1 -----

```
# Set by name and modified input object

$virtualNetwork = Get-AzVirtualNetwork -Name $vnetName -ResourceGroupName $resourceGroup

$lb = Get-AzLoadBalancer -ResourceGroupName $resourceGroup -Name $loadBalancerName

$ip1 = New-AzLoadBalancerBackendAddressConfig -IpAddress "10.0.0.5" -Name "TestVNetRef" -VirtualNetworkId
$virtualNetwork.Id

$ip2 = New-AzLoadBalancerBackendAddressConfig -IpAddress "10.0.0.6" -Name "TestVNetRef2" -VirtualNetworkId
$virtualNetwork.Id

$ip3 = New-AzLoadBalancerBackendAddressConfig -IpAddress "10.0.0.7" -Name "TestVNetRef3" -VirtualNetworkId
$virtualNetwork.id

$tunnelInterface1 = New-AzLoadBalancerBackendAddressPoolTunnelInterfaceConfig -Protocol "Vxlan" -Type "Internal"
-Port 2000 -Identifier 800

$tunnelInterface2 = New-AzLoadBalancerBackendAddressPoolTunnelInterfaceConfig -Protocol "Vxlan" -Type "External"
-Port 2001 -Identifier 801

New-AzLoadBalancerBackendAddressPool -ResourceGroupName $resourceGroup -LoadBalancerName
$loadBalancerName -Name $backendPool3 -TunnelInterface $tunnelInterface1,
$tunnelInterface2

$ips = @($ip1, $ip2)

$b2 = Get-AzLoadBalancerBackendAddressPool -ResourceGroupName $resourceGroup -LoadBalancerName
$loadBalancerName -Name $backendPool1

$b2.LoadBalancerBackendAddresses.Add($ip3)

Set-AzLoadBalancerBackendAddressPool -InputObject $b2
```

----- Example 2 -----

```
# Set by specific backend from piped loadbalancer and set two IP's
```

```
$lb | Set-AzLoadBalancerBackendAddressPool -LoadBalancerBackendAddress $ips -Name $backendPool1
```

----- Example 3 -----

Set by ResourceId

```
Set-AzLoadBalancerBackendAddressPool -ResourceId $b2.Id -LoadBalancerBackendAddress  
$b2.LoadBalancerBackendAddresses
```

RELATED LINKS

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