



Windows PowerShell Get-Help on Cmdlet 'Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping'

PS:\>Get-HELP Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping -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

Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping

SYNOPSIS

Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping retrieves inbound nat rule port mapping list for one backend address.

SYNTAX

```
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IpAddress <System.String>] -LoadBalancer <Microsoft.Azure.Commands.Network.Models.PSLoadBalancer> [-Name
<System.String>] [-NetworkInterfaceIpConfigurationId
<System.String>] [<CommonParameters>]
```

```
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-IpAddress <System.String>] -LoadBalancerName <System.String> [-Name <System.String>]
[-NetworkInterfaceIpConfigurationId <System.String>] -ResourceGroupName
    <System.String> [<CommonParameters>]
```

```
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-IpAddress <System.String>] [-NetworkInterfaceIpConfigurationId <System.String>] -ResourceId <System.String>
[<CommonParameters>]
```

DESCRIPTION

Get-AzLoadBalancerBackendAddressPool retrieves inbound nat rule port mapping list for one backend address.

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

-IpAddress <System.String>

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

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

Specifies the load balancer that has the backend address pool

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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 address pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NetworkInterfaceIpConfigurationId <System.String>

Required? false

Position? named

Default value None
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

<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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSInboundNatRulePortMapping

NOTES

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

Get inbound nat rule port mapping by NIC id

```
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping -ResourceGroupName $rgname -LoadBalancerName  
$lbName -NetworkInterfaceIpConfigurationId $ipconfig.Id -Name  
pool1
```

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

Get inbound nat rule port mapping by ip address

```
$testIpAddress1 = "10.0.0.5"  
  
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping -ResourceGroupName $rgname -LoadBalancerName  
$lbName -Name $backendAddressPoolName -IpAddress $testIpAddress1
```

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

Get inbound nat rule port mapping by ip address and load balancer object

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

```
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping -LoadBalancer $slb -Name  
$backendAddressPoolName -IpAddress $testIpAddress1
```

----- Example 4 -----

Get inbound nat rule port mapping by ip address and backend pool id

```
Get-AzLoadBalancerBackendAddressInboundNatRulePortMapping -ResourceId $backendPool1.Id -IpAddress  
$testIpAddress1
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/get-azloadbalancerbackendaddressinboundnatruleportmapping>

Get-AzLoadBalancer