



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

PS:\>Get-HELP Get-AzVirtualNetworkGatewayNatRule -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-AzVirtualNetworkGatewayNatRule

SYNOPSIS

Gets a Virtual Network Gateway NatRule.

SYNTAX

```

Get-AzVirtualNetworkGatewayNatRule [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
-ParentObject <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway> [<CommonParameters>]
```

```

Get-AzVirtualNetworkGatewayNatRule [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
```

-ParentResourceId <System.String> [<CommonParameters>]

Get-AzVirtualNetworkGatewayNatRule [-DefaultProfile

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

<System.String>]

-ParentResourceName <System.String> -ResourceGroupName <System.String> [<CommonParameters>]

DESCRIPTION

Get-AzVirtualNetworkGatewayNatRule cmdlet returns a virtual network gateway nat rule object of your virtual network gateway based on Name and ParentResourceName.

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

-Name <System.String>

The resource name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-ParentObject <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>

The parent VirtualNetworkGateway for this VirtualNetworkGatewayNatRule.

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

-ParentResourceId <System.String>

The resource id of the parent VirtualNetworkGateway for this VirtualNetworkGatewayNatRule.

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

-ParentResourceName <System.String>

The parent resource name.

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

-ResourceGroupName <System.String>

The resource group name.

Required? true
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.PSVirtualNetworkGateway

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGatewayNatRule

NOTES

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

Get-AzVirtualNetworkGatewayNatRule -ResourceGroupName "rg1" -Name "natRule1" -ParentResourceName gw1

Name : natRule1

ProvisioningState : Succeeded

Type : Static

```

Mode          : IngressSnat
InternalMappings : [
    {
        "AddressSpace": "25.0.0.0/16"
    }
]
ExternalMappings : [
    {
        "AddressSpace": "30.0.0.0/16"
    }
]
IpConfigurationId :
                Id
                :
/subscriptions/7afd8f92-c220-4f53-886e-1df53a69afd4/resourceGroups/rg1/providers/Microsoft.Network/virtualNetworkGateways/gw1/natRules/natRule1
Etag          : W/"5150d788-e165-42ba-99c4-8138a545fce9"

```

----- Example 2: -----

```
Get-AzVirtualNetworkGatewayNatRule -ResourceGroupName "rg1" -ParentResourceName "gw1"
```

```

Name          : natRule1
ProvisioningState : Succeeded
Type          : Static
Mode          : IngressSnat
InternalMappings : [
    {
        "AddressSpace": "25.0.0.0/16"
    }
]

```

ExternalMappings : [

```
{
  "AddressSpace": "30.0.0.0/16"
}
```

IpConfigurationId :

Id :

/subscriptions/7afd8f92-c220-4f53-886e-1df53a69afd4/resourceGroups/rg1/providers/Microsoft.Network/virtualNetworkGateways/gw1/natRules/natRule1

Etag : W/"5150d788-e165-42ba-99c4-8138a545fce9"

Name : natRule2

ProvisioningState : Succeeded

Type : Static

Mode : EgressSnat

InternalMappings : [

```
{
  "AddressSpace": "20.0.0.0/16"
}
```

ExternalMappings : [

```
{
  "AddressSpace": "50.0.0.0/16"
}
```

IpConfigurationId :

Id :

/subscriptions/7afd8f92-c220-4f53-886e-1df53a69afd4/resourceGroups/rg1/providers/Microsoft.Network/virtualNetworkGateways/gw1/natRules/natRule2

Etag : W/"5150d788-e165-42ba-99c4-8138a545fce9"

RELATED LINKS

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

New-AzVirtualNetworkGatewayNatRule

Remove-AzVirtualNetworkGatewayNatRule

Update-AzVirtualNetworkGatewayNatRule