



## ***Windows PowerShell Get-Help on Cmdlet 'Get-AzNatGateway'***

***PS:\>Get-HELP Get-AzNatGateway -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-AzNatGateway

### **SYNOPSIS**

Gets a Nat Gateway resource in a resource group by name or NatGateway Id or all Nat Gateway resources in a resource group.

### **SYNTAX**

```

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

```

Get-AzNatGateway [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ResourceGroupName
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```

<System.String>]

[<CommonParameters>]

Get-AzNatGateway

[-DefaultProfile

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

-ResourceId

<System.String>

[<CommonParameters>]

## DESCRIPTION

Gets a Nat Gateway resource in a resource group by name OR NatGateway Id OR all Nat Gateway resources in a resource group.

## 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 name of the nat gateway.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name of the nat gateway.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

Nat Gateway Id

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>).

## INPUTS

System.String

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSNatGateway

## NOTES

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

```
Get-AzNatGateway -ResourceGroupName "natgateway_test"
```

IdleTimeoutInMinutes : 4

ProvisioningState : Succeeded

Sku : Microsoft.Azure.Commands.Network.Models.PSNatGatewaySku

PublicIpAddresses :

{/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/publicIPAddresses/Test\_Pip}

PublicIpPrefixes : {}

SkuText : {

"Name": "Standard"

}

PublicIpAddressesText : [

{

"Id":

"/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/publicIPAddresses/Test\_Pip"

}

]

PublicIpPrefixesText : []

ResourceGroupName : natgateway\_test

Location : eastus2

ResourceGuid :

Type : Microsoft.Network/natGateways

Tag :

TagsTable :

Name : nat\_gateway  
Etag : W/"178470d2-7b86-4ddd-b954-e0cd3ab30a90"  
Id :

/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/natGateways/nat\_gateway

IdleTimeoutInMinutes : 4  
ProvisioningState : Succeeded  
Sku : Microsoft.Azure.Commands.Network.Models.PSNatGatewaySku  
PublicIpAddresses : {}  
PublicIpPrefixes : {}  
SkuText : {  
    "Name": "Standard"  
}

PublicIpAddressesText : []

PublicIpPrefixesText : []

ResourceGroupName : natgateway\_test

Location : eastus2

ResourceGuid :

Type : Microsoft.Network/natGateways

Tag :

TagsTable :

Name : ng1

Etag : W/"bdf98e30-d6c6-4af2-8f62-10d1fdaa6e84"

Id : /subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/natGateways/ng1

Get-AzNatGateway -ResourceGroupName "natgateway\_test" -Name "nat\_gateway"

IdleTimeoutInMinutes : 4

ProvisioningState : Succeeded

Sku : Microsoft.Azure.Commands.Network.Models.PSNatGatewaySku

PublicIpAddresses

{/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/publicIPAddresses/Test\_Pip}

PublicIpPrefixes : {}

SkuText : {

"Name": "Standard"

}

PublicIpAddressesText : [

{

"Id":

"/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/publicIPAddresses/Test\_Pip"

}

]

PublicIpPrefixesText : []

ResourceGroupName : natgateway\_test

Location : eastus2

ResourceGuid :

Type : Microsoft.Network/natGateways

Tag :

TagsTable :

Name : nat\_gateway

Etag : W/"178470d2-7b86-4ddd-b954-e0cd3ab30a90"

Id

:

/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/natGateways/nat\_gateway

Get-AzNatGateway

-ResourceId

"/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/natGateways/nat\_gateway"

IdleTimeoutInMinutes : 4

ProvisioningState : Succeeded

Sku : Microsoft.Azure.Commands.Network.Models.PSNatGatewaySku

PublicIpAddresses

:

{/subscriptions/<subid>/resourceGroups/natgateway\_test/providers/Microsoft.Network/publicIPAddresses/Test\_Pip}

PublicIpPrefixes : {}

```

SkuText      : {
    "Name": "Standard"
  }
PublicIpAddressesText : [
  {
    "Id":
"/subscriptions/<subid>/resourceGroups/natgateway_test/providers/Microsoft.Network/publicIPAddresses/Test_Pip"
  }
]
PublicIpPrefixesText : []
ResourceGroupName    : natgateway_test
Location             : eastus2
ResourceGuid         :
Type                 : Microsoft.Network/natGateways
Tag                  :
TagsTable            :
Name                 : nat_gateway
Etag                 : W/"178470d2-7b86-4ddd-b954-e0cd3ab30a90"
Id                   :
"/subscriptions/<subid>/resourceGroups/natgateway_test/providers/Microsoft.Network/natGateways/nat_gateway

```

## RELATED LINKS

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