



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

PS:\>Get-HELP Set-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

Set-AzNatGateway

SYNOPSIS

Update Nat Gateway Resource with Public Ip Address, Public Ip Prefix and IdleTimeoutInMinutes.

SYNTAX

```

Set-AzNatGateway [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IdleTimeoutInMinutes
<System.Int32>] -InputObject <Microsoft.Azure.Commands.Network.Models.PSNatGateway> [-PublicIpAddress
<Microsoft.Azure.Commands.Network.Models.PSResourceId[]>]
[-PublicIpPrefix <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IdleTimeoutInMinutes
                                     <System.Int32>] -Name <System.String> [-PublicIpAddress
<Microsoft.Azure.Commands.Network.Models.PSResourceId[]>] [-PublicIpPrefix
    <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>] -ResourceGroupName <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

Set-AzNatGateway [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-IdleTimeoutInMinutes
    <System.Int32>] [-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>] [-PublicIpPrefix
<Microsoft.Azure.Commands.Network.Models.PSResourceId[]>]
-ResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Update Nat Gateway Resource with Public Ip Address, Public Ip Prefix and IdleTimeoutInMinutes.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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

-IdleTimeoutInMinutes <System.Int32>

The idle timeout of the nat gateway.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies Nat Gateway Resource.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Name of the Nat Gateway Resource.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>

An array of public ip addresses associated with the nat gateway resource.

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

-PublicIpPrefix <Microsoft.Azure.Commands.Network.Models.PSResourceId[]>

An array of public ip prefixes associated with the nat gateway resource.

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

-ResourceGroupName <System.String>

Name of the Resource Group.

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

-ResourceId <System.String>

Specifies the Id of the Nat Gateway resource.

Required? true
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

Microsoft.Azure.Commands.Network.Models.PSNatGateway

OUTPUTS

NOTES

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

```
$nGateway = Get-AzNatGateway -ResourceGroupName "natgateway_test" -Name "ng1"
```

```
$pipArray = $pip, $pip2
```

```
$natUpdate = Set-AzNatGateway -InputObject $nGateway -IdleTimeoutInMinutes 5 -PublicIpAddress $pipArray
```

```
$natUpdate = Set-AzNatGateway -ResourceGroupName "natgateway_test" -Name "ng1" -PublicIpAddress $pipArray
```

```
$natUpdate = Set-AzNatGateway -ResourceId "natgateway_id" -PublicIpAddress $pipArray
```

RELATED LINKS

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