

Assignment

Create a NAT gateway using the Azure portal

Select **NAT gateways** and then Select **+ Create**.

Here, I create a new Resource Group (NATGW-1).

1)

The screenshot shows the Microsoft Azure portal interface for creating a NAT gateway. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, and a search bar. The breadcrumb trail indicates the user is in the 'Home' page, navigating through 'NAT gateways'. The main heading is 'Create network address translation (NAT) gateway'. Below this, there are tabs for 'Basics', 'Outbound IP', 'Subnet', 'Tags', and 'Review + create'. The 'Basics' tab is active. A descriptive text explains that an Azure NAT gateway can be used to translate outbound flows from a virtual network to the public internet. The 'Project details' section requires selecting a 'Subscription' (currently 'Azure for Students') and a 'Resource group'. A modal dialog is open for creating a new resource group, with the 'Name' field set to 'NATGW-1'. The 'Instance details' section includes fields for 'NAT gateway name', 'Region', 'Availability zone', and 'TCP idle timeout (minutes)'. The bottom of the wizard shows a 'Review + create' button and navigation links for '< Previous' and 'Next: Outbound IP >'. The Windows taskbar at the bottom shows the time as 10:17 on 05-06-2024.

2) Created a new public IP address (NATGWDemo).

The screenshot shows the Microsoft Azure portal interface for creating a NAT gateway, specifically the 'Outbound IP' tab. The top navigation bar is consistent with the previous screenshot. The breadcrumb trail is 'Home > NAT gateways >'. The main heading is 'Create network address translation (NAT) gateway'. The 'Outbound IP' tab is active, showing instructions on configuring public IP addresses and prefixes. The 'Public IP addresses' section has a dropdown menu with '(New) NATGWDemo' selected. Below it, there is a link to 'Create a new public IP address'. The 'Public IP Prefixes' section has a dropdown menu with '0 selected' and a link to 'Create a new public IP prefix'. The bottom of the wizard shows a 'Review + create' button and navigation links for '< Previous' and 'Next: Subnet >'. The Windows taskbar at the bottom shows the time as 10:19 on 05-06-2024.

3) Now, Here it is created.

Microsoft Azure | Upgrade | Search resources, services, and docs (G+J)

Home > Microsoft.NatGateway-20240605101320 | Overview

Deployment

Search | Delete | Cancel | Redeploy | Download | Refresh

Your deployment is complete

Deployment name : Microsoft.NatGateway-20240605101320 | Start time : 6/5/2024, 10:23:08 AM
Subscription : Azure for Students | Correlation ID : 03d71316-7eaa-4e74-8598-ffc0029dfeb
Resource group : NATGW-1

Deployment details

Next steps

[Go to resource group](#)

Give feedback

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4)

Microsoft Azure | Upgrade | Search resources, services, and docs (G+J)

Home > Microsoft.NatGateway-20240605101320 | Overview >

NATGW-1 | Resource group

Search | Create | Manage view | Delete resource group | Refresh | Export to CSV | Open query | Assign tags | Move | Delete | Export template

Essentials | JSON View

Resources | Recommendations

Filter for any field... | Type equals all | Location equals all | Add filter

Showing 1 to 2 of 2 records. | Show hidden types | No grouping | List view

Name	Type	Location
NATGW-Demo	NAT gateway	West US 3
NATGWDemo	Public IP address	West US 3

< Previous | Page 1 of 1 | Next >

[Give feedback](#)

5)

Microsoft Azure

Upgrade

Search resources, services, and docs (G+J)

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DEFAULT DIRECTORY (ANANIAS...

Home > Microsoft.NatGateway-20240605101320 | Overview > NATGW-1 >

NATGWDemo

Public IP address

Search

Associate Dissociate Delete Move Refresh Open in mobile Give feedback

Overview

Activity log

Access control (IAM)

Tags

Settings

Monitoring

Automation

Help

Essentials

Resource group (move) : NATGW-1

Location (move) : West US 3

Subscription (move) : Azure for Students

Subscription ID : 2d2cdb67-7017-4999-b1f1-b4aa20476c72

SKU : Standard

Tier : Regional

IP address : 4.227.126.34

DNS name : -

Domain name label scope : -

Associated to : NATGW-Demo

Virtual machine : -

Routing preference : Microsoft network

Tags (edit) : Add tags

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Use public IP addresses for public connections to Azure resources

Associate and configure public IP addresses to various Azure resources [Learn more.](#)

Associate to a resource

Associate your public IP address to an Azure

Configure a public IP address

Configure a DNS idle time, name, and alias record

Protect IP address

Choose the right DDoS protection level for your IP

Search

ENG IN

10:27

05-06-2024