

NSG-SUBNET-LEVEL

The screenshot shows the Microsoft Azure Portal interface. The user is viewing the 'Virtual machines' blade under the 'Compute infrastructure' category. The list of VMs is as follows:

Name	Subscription	Resource Group	Location	Status	Operating system	Size	Public IP address	Disk
App-01	Azure subscription	nandhini	West Europe	Running	Windows	Standard_D2s_v3	40.113.97.121	1
web-server01	Azure subscription	nandhini	Central India	Running	Linux	Standard_D2s_v3	52.172.251.244	1
web-server02	Azure subscription	nandhini	Central India	Running	Linux	Standard_D2s_v3	20.204.21.156	1
web-vm	Azure subscription	suresh-RG	France Central	Running	Linux	Standard_D2s_v3	20.199.119.122	1

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure Portal. The current step is 'VM applications'. The user has pasted the following custom data script into the text area:

```
#!/bin/bash
sudo su
apt update
apt install nginx -y
```

A note below the text area states: "Custom data on the selected image will be processed by cloud-init. Learn more about custom data for VMs".

At the bottom of the screen, there are navigation buttons: '< Previous', 'Next : Tags >', and 'Review + create'.

Microsoft Azure Portal | Microsoft Azure | CreateVm-canonical.ubuntu-24_04_its-server-20260128122220 | Overview

Your deployment is complete

Deployment name: CreateVm-canonical.ubuntu-24_04_its-server-2... Start time: 1/28/2026, 12:32:39 PM
Subscription: Azure subscription 1 Correlation ID: 5bf8843b-0dfb-4c05-a6bb-15afaa38bfcc

Deployment details

Next steps

Setup auto-shutdown: Recommended
Monitor VM health, performance and network dependencies: Recommended
Run a script inside the virtual machine: Recommended

Go to resource Create another VM

Give feedback Tell us about your experience with deployment

Cost Management: Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >

Microsoft Defender for Cloud: Secure your apps and infrastructure. Go to Microsoft Defender for Cloud >

Free Microsoft tutorials: Start learning today >

Work with an expert: Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >

Add or remove favorites by pressing Ctrl+Shift+F

27°C Sunny ENG IN 12:34 28-01-2026

Microsoft Azure Portal | Microsoft Azure | web-server02 - Microsoft Azure | Overview

Help me copy this VM in any region Manage this VM with Azure CLI

Standard HDD OS disks will be retired on September 8, 2028. →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CLI / PS

Essentials

Resource group (move): pandhini	Operating system: Linux
Status: Running	Size: Standard D2s v3 (2 vcpus, 8 GiB memory)
Location: Central India	Primary NIC public IP: 20.204.21.156
Subscription (move): Azure subscription 1	1 associated public IPs
Subscription ID: a3107e0d-376f-4650-b383-aa7b2b3c09a	Virtual network/subnet: vnet-centralindia-1/web-subnet
	DNS name: Not configured
	Health state: -
	Time created: 1/28/2026, 7:17 AM UTC

Tags (edit) : Add tags JSON View

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name: web-server02	Public IP address: 20.204.21.156 (Network interface web-server0299)
Operating system: Linux	1 associated public IPs

Networking

27°C Sunny ENG IN 12:47 28-01-2026

The screenshot shows the Microsoft Azure Portal interface. The top navigation bar includes tabs for 'Download file | iLovePDF', 'Microsoft Azure Portal | Micro...', and 'Compute infrastructure - Micro...'. The main title is 'Compute infrastructure | Virtual machines'. On the left, there's a sidebar with 'Virtual machines' selected, followed by 'Virtual Machine Scale Set (VMSS)', 'Compute Fleet', and links for 'Disks + images', 'Capacity + placement', 'Related services', 'Monitoring + Policy', and 'Help'. The main content area has a search bar and several buttons: 'Recommend VM sizes for my workloads', 'Show me protected VMs in XXX region', and 'Create a replica from the VM list'. Below these are buttons for 'Create', 'Reservations', 'Manage view', 'Refresh', 'Export to CSV', 'Open query', 'Assign tags', 'Start', 'Restart', 'Stop', and 'Group by none'. A message indicates 'You are viewing a new version of Browse experience. Click here to access the old experience.' A table lists virtual machines with columns for Name, Subscription, Resource Group, Location, Status, Operating system, Size, Public IP address, and Disks. The listed VMs are 'appserver' (Subscription: Azure subscription, Resource Group: haritha, Location: Japan East, Status: Running, OS: Linux, Size: Standard_D2s_v3, IP: 4.216.57.113, Disks: 1), 'suresh-VM' (Subscription: Azure subscription, Resource Group: suresh-RG, Location: France Central, Status: Running, OS: Windows, Size: Standard_D2s_v3, IP: 20.111.31.33, Disks: 1), 'web-server01' (Subscription: Azure subscription, Resource Group: nandhini, Location: Central India, Status: Running, OS: Linux, Size: Standard_D2s_v3, IP: 52.172.251.244, Disks: 1), 'web-server02' (Subscription: Azure subscription, Resource Group: nandhini, Location: Central India, Status: Running, OS: Linux, Size: Standard_D2s_v3, IP: 20.204.21.156, Disks: 1), and 'webserver' (Subscription: Azure subscription, Resource Group: haritha, Location: Japan East, Status: Running, OS: Linux, Size: Standard_D2s_v3, IP: 13.78.27.221, Disks: 1).

Name ↑	Subscription	Resource Group	Location	Status	Operating syst...	Size	Public IP addre...	Disks
appserver	Azure subscription	haritha	Japan East	Running	Linux	Standard_D2s_v3	4.216.57.113	1
suresh-VM	Azure subscription	suresh-RG	France Central	Running	Windows	Standard_D2s_v3	20.111.31.33	1
web-server01	Azure subscription	nandhini	Central India	Running	Linux	Standard_D2s_v3	52.172.251.244	1
web-server02	Azure subscription	nandhini	Central India	Running	Linux	Standard_D2s_v3	20.204.21.156	1
webserver	Azure subscription	haritha	Japan East	Running	Linux	Standard_D2s_v3	13.78.27.221	1

A screenshot of a Microsoft Edge browser window. The address bar shows 'http://52.172.251.244'. The main content area displays two tabs: 'Microsoft Azure Portal | Micro...' and 'Welcome to nginx!'. The status bar at the bottom indicates the connection is not secure. The browser interface includes a search bar, pinned icons for various Microsoft services like OneDrive, Mail, and Photos, and system status icons for battery, signal, and volume.

 Search ENG IN 12:55 28-01-2026

Network security group web-server02-nsg (attached to networkInterface: web-server02299)
Impacts 0 subnets, 1 network interfaces

Prio...	Name	Port	Protocol	Source
300	SSH	22	TCP	Any
310	Allow_80	80	Any	Any
65000	AllowVnetInbound	Any	Any	Virtu
65001	AllowAzureLoadBalancerInB...	Any	Any	Azur
65500	DenyAllInbound	Any	Any	Any

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.



Network foundation | Network security groups

Name	Resource Group	Location	Subscription	Flow log
appserver-nsg	haritha	Japan East	Azure subscription 1	
dbserver-nsg	haritha-01	West US	Azure subscription 1	
web-server01-nsg	nandhini	Central India	Azure subscription 1	
web-server02-nsg	nandhini	Central India	Azure subscription 1	
webserver-nsg	haritha	Japan East	Azure subscription 1	

Network security group create

Create network security group

Validation passed

Basics

Subscription	Azure subscription 1
Resource group	nandhini
Region	Central India
name	web-nsg

Tags

None

Actions

Create < Previous Next > Download a template for automation

Validation passed

Basics

Subscription	Azure subscription 1
Resource group	nandini
Region	Central India
name	web-nsg

Tags

None

Create < Previous Next > Download a template for automation

Add inbound security rules

Add inbound security rule

Any

Service: Any

Custom

Destination port ranges: 80

Protocol: Any

Port: all

Protocol: Any

Action: Allow

Priority: 100

Name: Allow_80

Description:

ARG Query

```
resources
| where type ~=
"microsoft.network/networksecuritygroups"
| where subscriptionId == "a3107e0d-376f-4650-b383-aa7b2b3c0c9a"
| project id
```

Copilot AI-generated content may be incorrect.

To effectively diagnose connectivity issues across network security groups, I need more specific details. Could you provide the exact network security group you're referring to or describe the connectivity issue you're encountering? This information will help in pinpointing the problem and finding a solution.

How can I troubleshoot a specific network security group?

What are the common connectivity issues with network security groups?

Can you help me analyze a specific network security group?

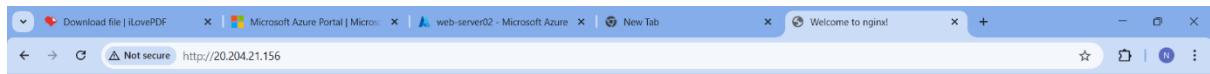
I want to ...

Add Cancel Give feedback

Inbound security rules

Priority	Name	Port	Protocol	Source	Destination	Action
100	Allow_80	80	Any	Any	Any	Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancer...	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny



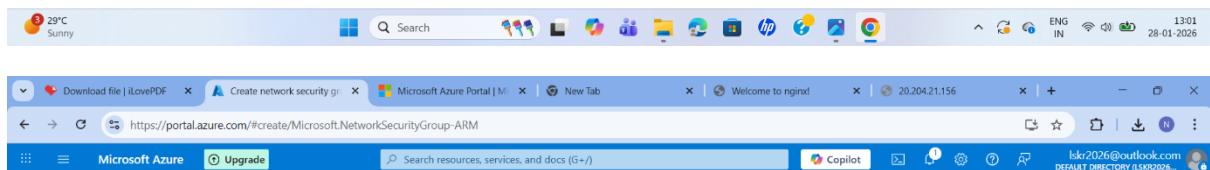


Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.



Validation passed

Basics

Subscription	Azure subscription 1
Resource group	nandhin
Region	Central India
name	web-server

Tags

None



Microsoft Azure | Upgrade

Search resources, services, and docs (G+)

Copilot

lskr2026@outlook.com

DEFAULT DIRECTORY (LSKR2026)

Home > Network foundation | Virtual networks > vnet-centralindia

Network foundation | Virtual networks

You are viewing a new version of the browser experience. Click here to access the old experience.

Virtual network

Virtual Network overview

Virtual networks

- NAT gateways
- Public IP addresses
- Network interfaces
- Network security groups
- Application security groups
- Bastions
- Route tables
- Route servers

Private Link

DNS

Monitoring and management

Showing 1 - 4 of 4. Display count:

vnet-centralindia | Subnets

Virtual network

Subnet

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Settings

Address space

Connected devices

Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS

Create subnets

Search subnets

Name	IPv4	IPv6	Available IPs	Delegated to	Set
snet-centra...	172.17.0.0/24	-	250	-	we
App-subnet	172.17.1.0/24	-	251	-	-
db-subnet	172.17.2.0/24	-	251	-	-

Add or remove favorites by pressing Ctrl + Shift + F

Give feedback

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/nandhini/providers/Microsoft.Network/virtualNetworks/vnet-centralindia

Trending videos
The Muppet Show...

Search

ENG IN

13:37

28-01-2026

Microsoft Azure | Upgrade

Search resources, services, and docs (G+)

Copilot

lskr2026@outlook.com

DEFAULT DIRECTORY (LSKR2026)

Home > Network foundation | Network security groups

Create network security group

Validation passed

Basics Tags Review + create

Basics

Subscription: Azure subscription 1

Resource group: nandhini

Region: Central India

Name: App-nsg

Tags

None

Create < Previous Next > Download a template for automation

29°C Sunny

Search

ENG IN

13:48

28-01-2026

<https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3c0c9a/resourceGroups/nandhini/providers/Microsoft.Network/networkSecurityGroups/App-nsg>

Network foundation | Network security groups

App-nsg - Microsoft

New Tab

Welcome to nginx!

20.204.21.156

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

Give feedback

lskr2026@outlook.com

DEFAULT DIRECTORY (LSKR2026...)

Network foundation | Network security group

App-nsg | Inbound security rules

You are viewing a new version of Browse experience. Click here to access the old experience.

Search

+ Add Hide default rules Refresh Delete Give feedback

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Resource visualizer Settings Inbound security rules Outbound security rules Network interfaces Subnets Properties Locks Monitoring Automation Help

Filter by name Port == all Protocol == all Source == all Destination == all Action == all Priority ↑ Name ↑ Port ↑ Protocol ↑ Sour

Priority	Name	Port	Protocol	Source	Destination	Action	Source
65000	AllowVnetInBound	Any	Any	Any	Any	Virtu	Virtu
65001	AllowAzureLoadBalanc...	Any	Any	Any	Any	Azur	Azur
65500	DenyAllInBound	Any	Any	Any	Any	Any	Any

Add or remove favorites by pressing Ctrl+Shift+F

29°C Sunny ENG IN 28-01-2026

https://portal.azure.com/#view/Microsoft_Azure_ComputeHub/ComputeHubMenuBlade/-/virtualMachinesBrowse

Welcome to nginx!

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

Give feedback

lskr2026@outlook.com

DEFAULT DIRECTORY (LSKR2026...)

Compute infrastructure | Virtual machines

You are viewing a new version of Browse experience. Click here to access the old experience.

Virtual machines Get started

Create Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop ... Group by none

Filter for any field... Subscription equals all Type equals all Resource Group equals all Location equals all + Add filter

Name	Subscription	Resource Group	Location	Status	Operating syst...	Size	Public IP addre...	Disk
App-01	Azure subscript...	nandhini	West Europe	Running	Windows	Standard_D2s_v3	40.113.97.121	1
web-server01	Azure subscript...	nandhini	Central India	Running	Linux	Standard_D2s_v3	52.172.251.244	1
web-server02	Azure subscript...	nandhini	Central India	Running	Linux	Standard_D2s_v3	20.204.21.156	1
web-vm	Azure subscript...	suresh-RG	France Central	Running	Linux	Standard_D2s_v3	20.199.119.122	1

Add or remove favorites by pressing Ctrl+Shift+F

29°C Mostly sunny ENG IN 15:31 28-01-2026