

APPLICATION SECURITY GROUP

The screenshot displays the Microsoft Azure Portal interface. The left-hand navigation pane is open, showing the 'Overview' tab selected. The main content area shows the 'web02' virtual machine details. The 'Essentials' section provides a summary of the VM's configuration, including its resource group, status, location, subscription, and operating system. The 'Properties' section shows the computer name and operating system. The 'Networking' section displays the public IP address and associated public IPs. The bottom of the screen shows a Windows taskbar with the Start button, search bar, and various application icons.

Microsoft Azure Portal | Overview

web02
Virtual machine

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

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

Search resources, services, and docs (G+)

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Resource visualizer
- Connect
- Networking
 - Network settings
 - Load balancing
 - Application security groups
 - Network manager
- Settings
 - Availability + scale
 - Security
 - Backup + disaster recovery

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) : nandhini

Status : Running

Location : Canada Central

Subscription (move) : Azure subscription_1

Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a

Operating system : Linux (ubuntu 24.04)

Size : Standard D2ls v5 (2 vcpus, 4 GiB memory)

Primary NIC public IP : 40.85.221.52

Virtual network/subnet : vnet-canadacentral/web02

DNS name : Not configured

Health state : -

Time created : 1/29/2026, 10:18 AM UTC

Tags (edit) : Add tags

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name : web02

Operating system : Linux (ubuntu 24.04)

Networking

Public IP address : 40.85.221.52 (Network interface web02101)

1 associated public IPs

30°C Mostly sunny

The screenshot shows a web browser window with the URL 'http://4.204.8.195'. The page displays a 'Welcome to nginx!' message. Below the message, there is a paragraph stating that the nginx web server is successfully installed and working, and further configuration is required. It also provides links to online documentation and support at 'nginx.org' and 'nginx.com'. The bottom of the screen shows a Windows taskbar with the Start button, search bar, and various application icons.

Microsoft Azure Portal | Micro... | web-01 - Microsoft Azure | nandinimekala123/Azure-notes | Welcome to nginx!

Not secure http://4.204.8.195

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.

The screenshot shows a Windows taskbar at the bottom of the screen. It includes the Start button, a search bar, and several application icons. The system tray on the right shows the weather as 'Air: Moderate Tomorrow' and the system clock as '15:04 29-01-2026'.

Air: Moderate Tomorrow

15:04 29-01-2026

Microsoft Azure Portal | Microsoft Azure

Network foundation | Network security groups

Overview

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

Filter for any field...

Subscription equals all

Resource Group equals all

Location equals all

Add filter

Name	Resource Group	Location	Subscription	Flow log
VM-03-nsg	Sudheer-RG	West US 2	Azure subscription 1	
VM-04-nsg	Sudheer-RG	West US 2	Azure subscription 1	
web-01-nsg	nandhini	Canada Central	Azure subscription 1	
web02-nsg	nandhini	Canada Central	Azure subscription 1	
web02-nsg	suresh-RG	France Central	Azure subscription 1	
webserver01-nsg	haritha	West US	Azure subscription 1	
websgg	sushmi-1	East Asia	Azure subscription 1	
webVm-nsg	sai-rg1	Central India	Azure subscription 1	

Showing 11 - 18 of 18. Display count: auto

Give feedback

Microsoft Azure Portal | Microsoft Azure

web-01-nsg | Network interfaces

Network security group

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

Dissociate network interface

Do you want to dissociate the network interface 'web-01982_z1'?

Yes No

29°C Sunny

Search

ENG IN

16:14 29-01-2020

Microsoft Azure Portal | Microsoft Azure

CreateApplicationSecurityGroupBladeViewModel | Overview

Deployment

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

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : CreateApplicationSecurityGroupBladeViewModel

Subscription : Azure subscription 1

Resource group : nandhini

Start time : 1/29/2026, 4:14:25 PM

Correlation ID : 04c6338b-0411-4a3c-bef6-acd5c9db47a5

> Deployment details

> Next steps

Go to resource

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 >

29°C Sunny

16:14 29-01-2026

Microsoft Azure Portal | Microsoft Azure

Create an application security group

Network foundation | Application security groups

Basics Tags Review + create

Project details

Subscription * Azure subscription 1

Resource group * nandhini

Create new

Instance details

Name * App-asg

Region * Canada Central

Review + create

< Previous

Next : Tags >

Download a template for automation

29°C Sunny

16:15 29-01-2026

Microsoft Azure Portal | Microsoft

Create an application security group

Validation passed

Basics Tags Review + create

Basics

Subscription Azure subscription 1

Resource group nandhini

Location Canada Central

Name App-asg

Create < Previous Next > Download a template for automation

29°C Sunny

Microsoft Azure Portal | Microsoft

Add application security group

web-01 | Application security

Use application security groups (ASGs) to configure network security as natural extension of an application's structure, by arbitrarily grouping VMs and defining network security policies based on those groups.

Search ASGs

Name	Resource group
<input checked="" type="checkbox"/> web-asg	nandhini
<input type="checkbox"/> App-asg	nandhini
<input type="checkbox"/> db-asg	nandhini

Add Cancel Give feedback

Compute infrastructure | Virtual machines | web-01

Virtual machines

Overview

All resources

Infrastructure

Virtual machines

Virtual Machine Scale Set (VMSS)

Compute Fleet

Disks + images

Capacity + placement

Related services

Help

Policies

Support + Troubleshooting

Virtual machines

VM-04

web-01

web02

web02

webserver01

WebVm

WebVm2

Showing 11 - 17 of 17. Display count: auto

Application security groups

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Network settings

Load balancing

Application security groups

Network manager

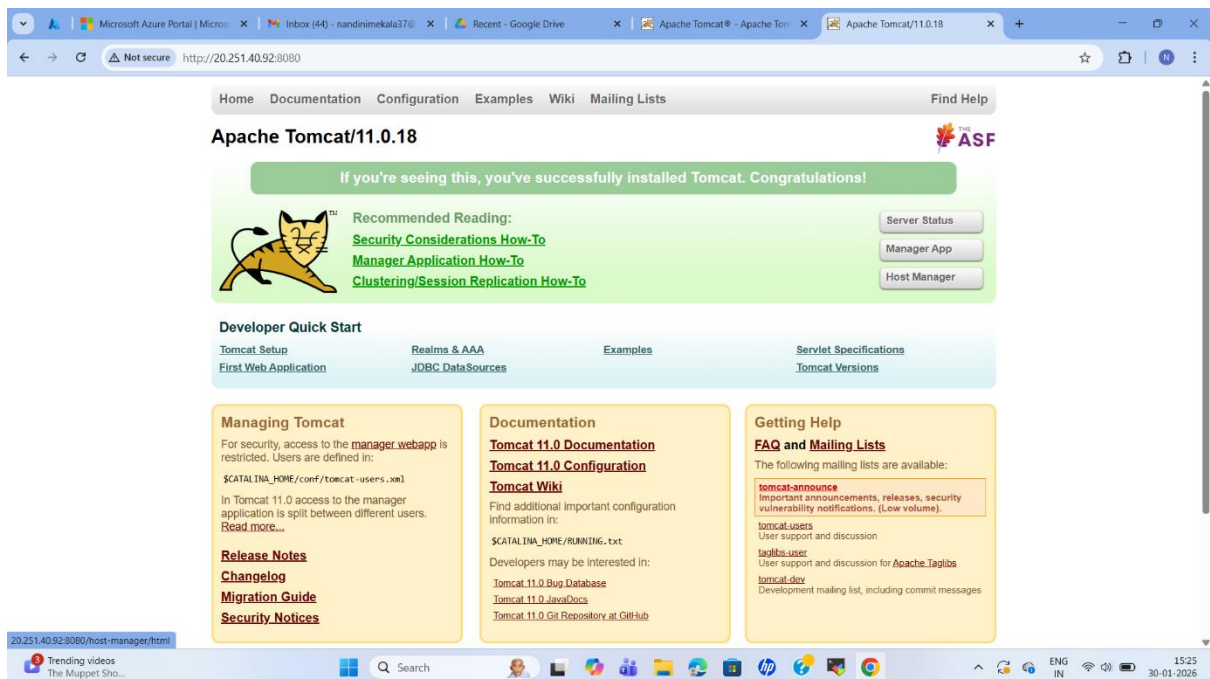
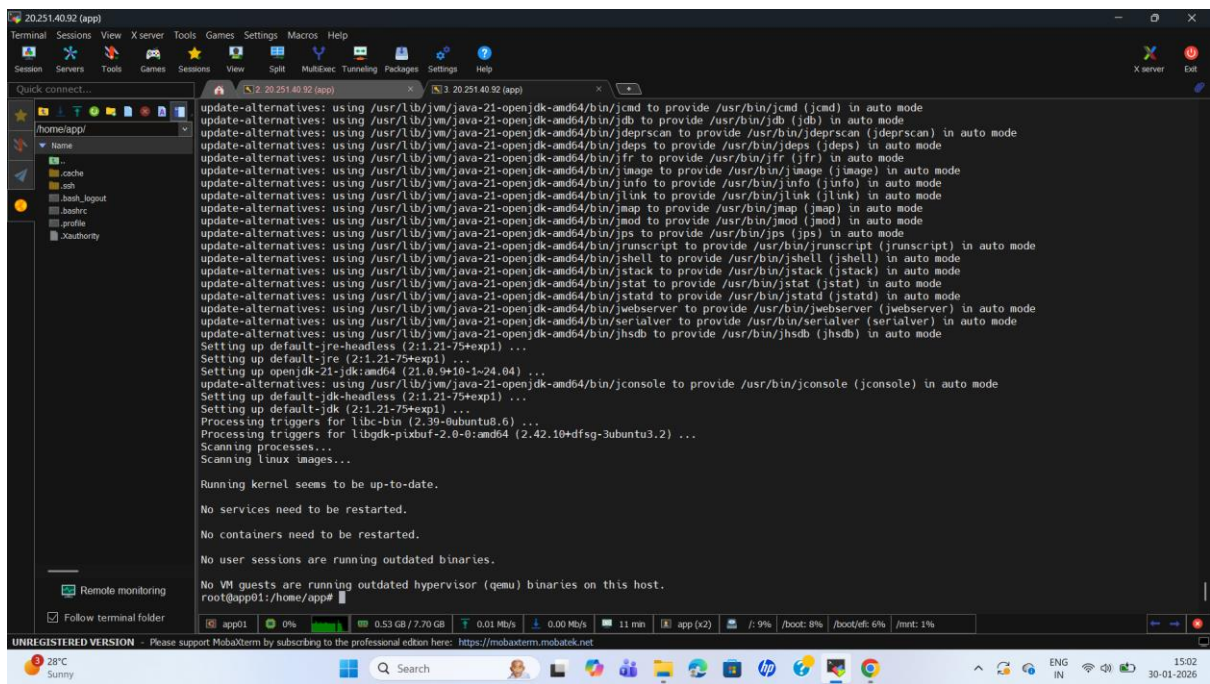
Settings

Availability + scale

Security

Backup + disaster recovery

29°C Sunny



Microsoft Azure Portal | Micro...
Create an application security g...
nandinimekala123/Azure-note...
Welcome to rgini...
Welcome to rgini...

https://portal.azure.com/#view/Microsoft_Azure_Network/CreateApplicationSecurityGroupBlade/_provisioningContext~/~/7B"initialValues"%3A%7B"subscriptionId"%3A%5B"a3107e...
Microsoft Azure Upgrade
Search resources, services, and docs (G+)
Copilot
kkr2026@outlook.com
DEFAULT DIRECTORY (LS492026...

Home > Network foundation | Application security groups
Create an application security group ...

Validation passed

Basics Tags Review + create

Basics
Subscription Azure subscription 1
Resource group nandhini
Location Canada Central
Name App-asg

Create < Previous Next > Download a template for automation

29°C Sunny
Search
ENG IN
16:15
29-01-2026

Microsoft Azure Portal | Micro...
Add inbound security rule - Mi...
nandinimekala123/Azure-note...
Welcome to rgini...
Welcome to rgini...

https://portal.azure.com/#@lskr2026outlook.onmicrosoft.com/resource/subscriptions/a3107e0d-376f-4650-b383-aa7b2b3d0c9a/resourcegroups/nandhini/providers/Microsoft.Netw...
Microsoft Azure Upgrade
Search resources, services, and docs (G+)
Copilot
kkr2026@outlook.com
DEFAULT DIRECTORY (LS492026...

Home > CreateNetworkSecurityGroupBladeV2-20260129163958 | Overview > nsg-01
nsg-01 | Inbound security rules ...
Network security group

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

Network security group security rules are evaluated by priority using the combination of source, source port, destination priority and direction as an existing rule. You can't delete default security rules, but you can override them with rules

Filter by name Port == all Protocol == all Source == all

Priority	Name	Port	Protocol
65000	AllowVnetInBound	Any	Any
65001	AllowAzureLoadBalancer...	Any	Any
65500	DenyAllInBound	Any	Any

Add inbound security rule
nsg-01
Destination Application security group
Destination application security groups web-asg
Filter the application security groups
Service Custom
Destination port ranges 80
Protocol Any
Action Allow
Add Cancel Give feedback

Add or remove favorites by pressing Ctrl+Shift+F
29°C Sunny
Search
ENG IN
16:45
29-01-2026