

## 5. Implementing Security and Networking in Azure.

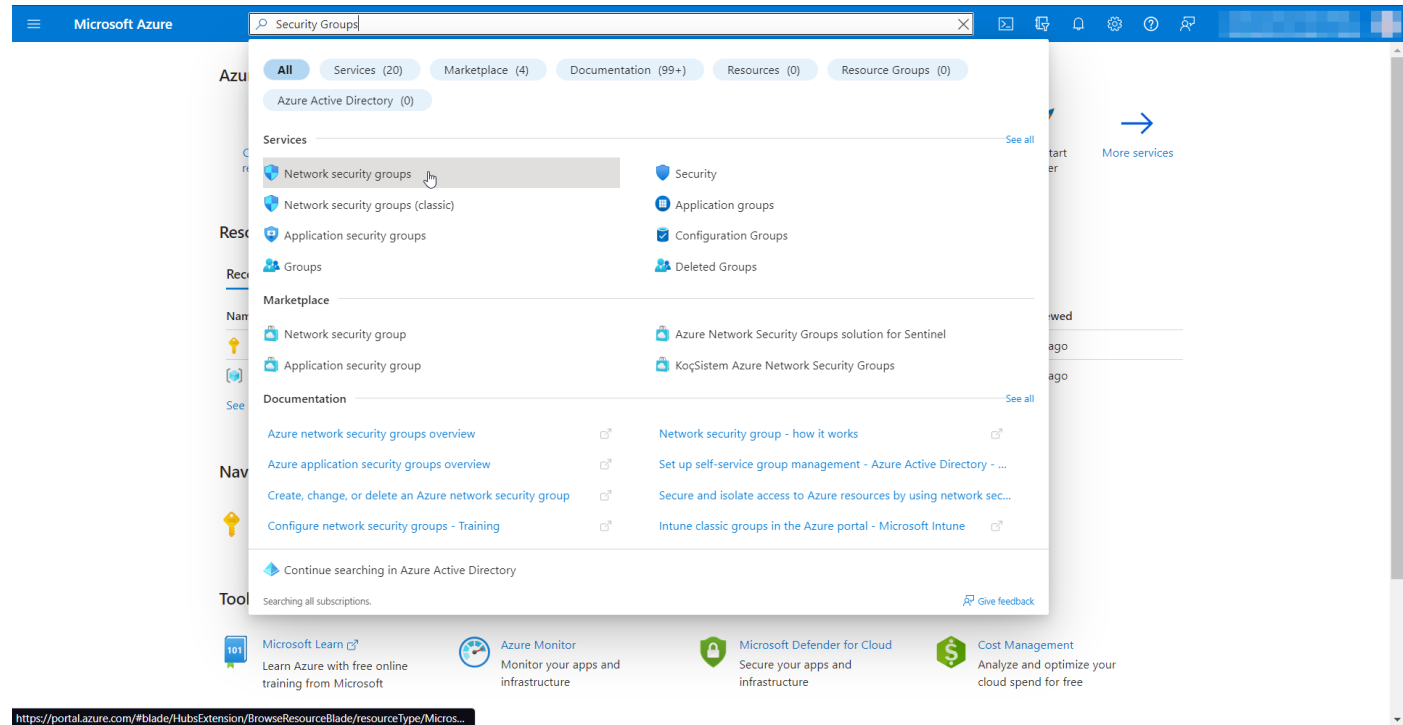
- Create security groups in Azure.
- Manage container security and network traffic rules.

Go to <https://azure.microsoft.com/en-us/free/students/> and sign up for an account.

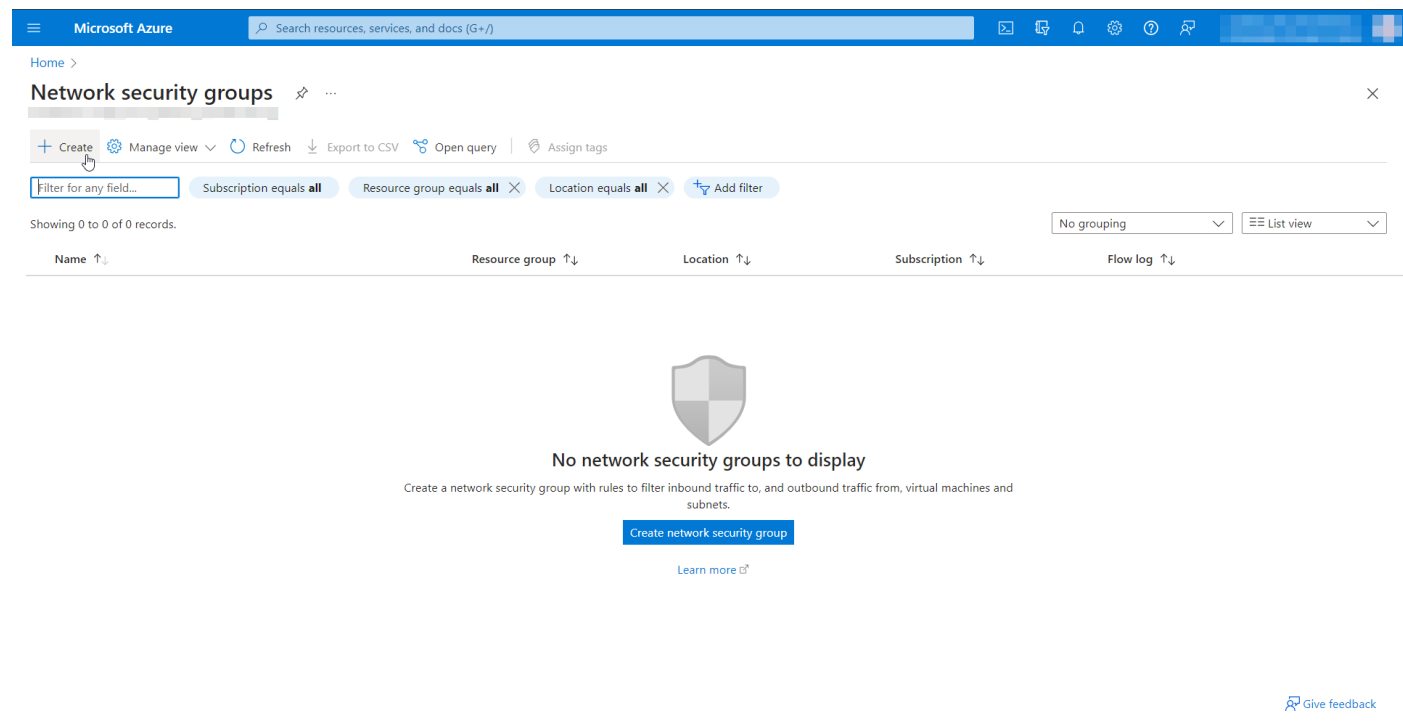
It is mandatory to use a mail ID provided by your college so that you get free access to Azure.

Complete the verification process by entering the details if asked.

After creating an account, head over to <https://portal.azure.com/#home> and search for Security Groups.



Click on Network Security Groups and then select **Create**.



Enter the details accordingly

Microsoft Azure

Search resources, services, and docs (G+/I)

Home > Network security groups >

Create network security group

Basics

Tags

Review + create

Project details

Subscription \*

Azure for Students

Resource group \*

(New) Azure\_tutorial

Create new

Instance details

Name \*

NetworkGroup

Region \*

South India

Review + create

< Previous

Next : Tags >

Download a template for automation

Click on “Review + Create” > Click on “Create”

You can view the Network Security Group by clicking on “Go to resource”

Microsoft Azure

Search resources, services, and docs (G+/I)

Home > Microsoft.NetworkSecurityGroup- | Overview >

NetworkGroup

Network security group

Search

Move

Delete

Refresh

Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Inbound security rules

Outbound security rules

Network interfaces

Subnets

Properties

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Alerts

Diagnostics settings

Logs

NSG flow logs

Automation

Tasks (preview)

Essentials

Resource group (move) : Azure tutorial

Location : South India

Subscription (move) : Azure for Students

Subscription ID :

Tags (edit) : Click here to add tags

Custom security rules : 0 inbound, 0 outbound

Associated with : 0 subnets, 0 network interfaces

Filter by name

Port == all

Protocol == all

Source == all

Destination == all

Action == all

Priority	Name	Port	Protocol	Source	Destination	Action
Inbound Security Rules						
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerIn...	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny
Outbound Security Rules						
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowInternetOutBound	Any	Any	Any	Internet	Allow
65500	DenyAllOutBound	Any	Any	Any	Any	Deny