

# COS20019 – Cloud Computing Architecture

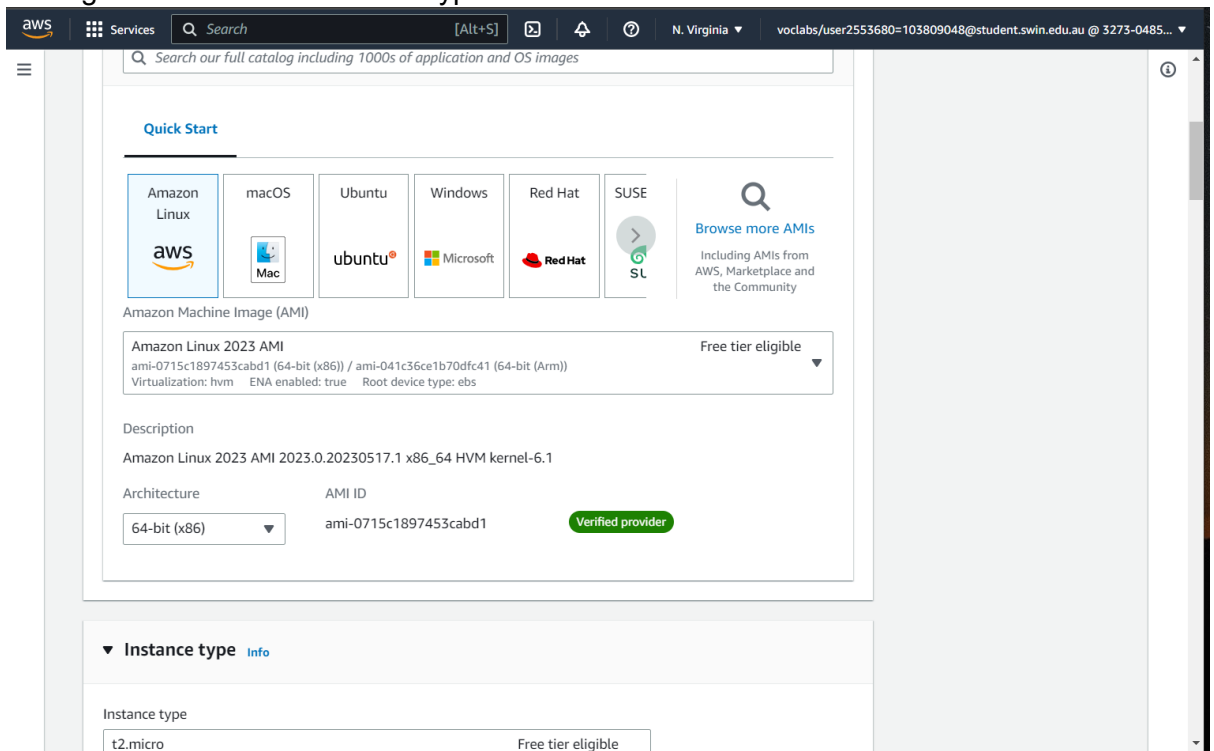
## Assignment 1a

Name: Tran Thanh Minh

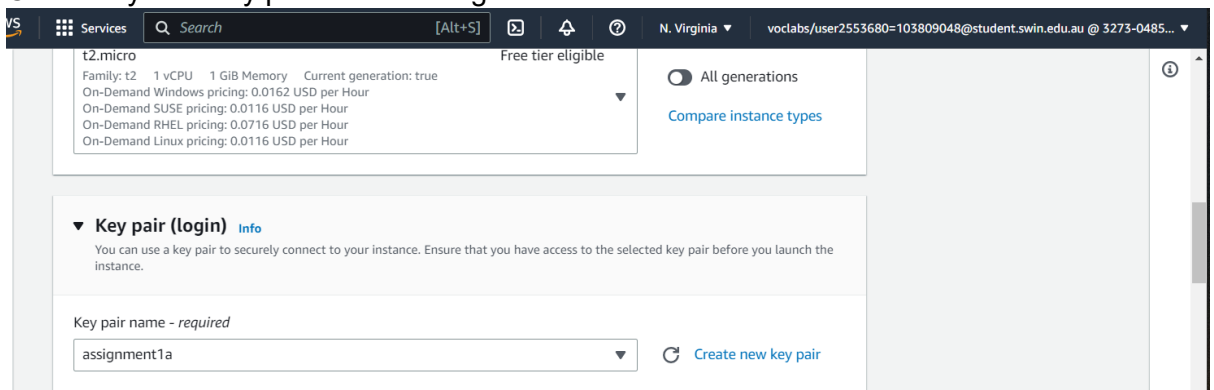
Student ID: 103809048

Task 1: Launch your own Linux EC2 instance.

### 1. Setting for the AMI and instance type



### 2. Create my own key pair for this assignment 1a



3. Configure the security group name with the inbound rules allow only SSH, HTTP, HTTPS. (followed by the instruction)

Enable

**Firewall (security groups)** Info  
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

Security group name - required  
WebServer-SG

Description - required Info  
for assignment 1a

**Inbound security groups rules**

Security group rule 1 (TCP, 443, 0.0.0.0/0) Remove

Type Info Protocol Info Port range Info  
HTTPS TCP 443

Source type Info Source Info Description - optional Info  
Anywhere 0.0.0.0/0 e.g. SSH for admin desktop

Security group rule 2 (TCP, 80, 0.0.0.0/0) Remove

Type Info Protocol Info Port range Info  
HTTP TCP 80

**Summary**

Number of instances Info  
1

Software Image (AMI)  
Amazon Linux 2023 AMI 2023.0.2...read more  
ami-0715c1897453cabd1

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
New security group

Storage (volumes)  
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch instance Review commands

4. Create successfully

**Details**

Security group name WebServer-SG	Security group ID sg-00bac49711a530b58	Description Security group for assignment 1a	VPC ID vpc-0bc2f345f6da2be28
Owner 327304850809	Inbound rules count 3 Permission entries	Outbound rules count 1 Permission entry	

**Inbound rules** Outbound rules Tags

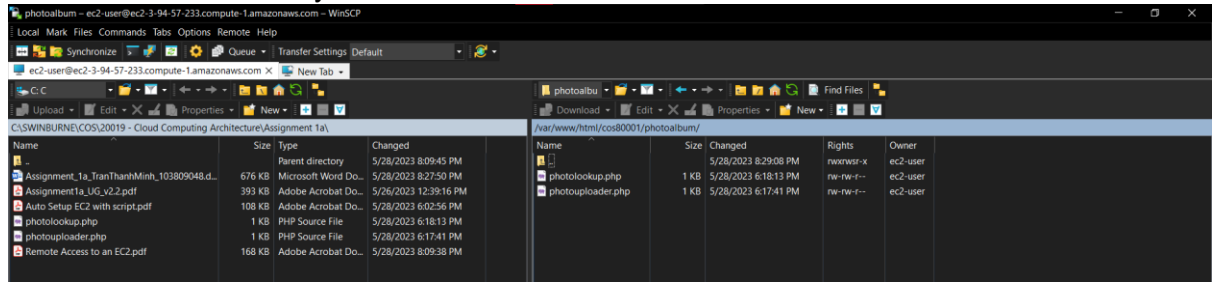
You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

**Inbound rules (3)** Manage tags Edit inbound rules

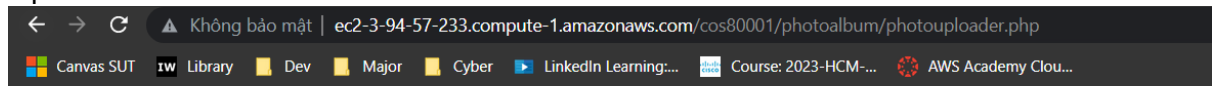
Filter security group rules

	Name	Security group rule...	IP version	Type	Pro
	-	sgr-02b251ecfe7f5e22a	IPv4	HTTP	TCP
	-	sgr-01ea5e654d57ca092	IPv4	SSH	TCP
	-	sgr-0ccd844c212654a4a	IPv4	HTTPS	TCP

## 5. Transfer file successfully



## 6. Open in folder



## Photo uploader

Photo title

Select a photo  Không có tệp nào được chọn

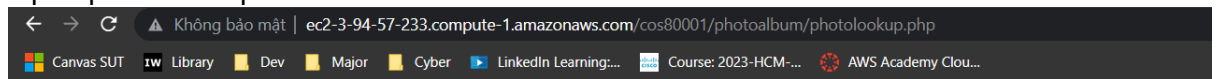
Description

Date: dd/mm/yyyy

Keywords (comma-delimited, e.g. keyword1, keyword2, ...):

[Photo Lookup](#)

## 7. Open photo lookup



## Photo lookup

Photo title

Keyword:

From date: dd/mm/yyyy

To date: dd/mm/yyyy

[Photo Uploader](#)

## 8. Shutdown instance

