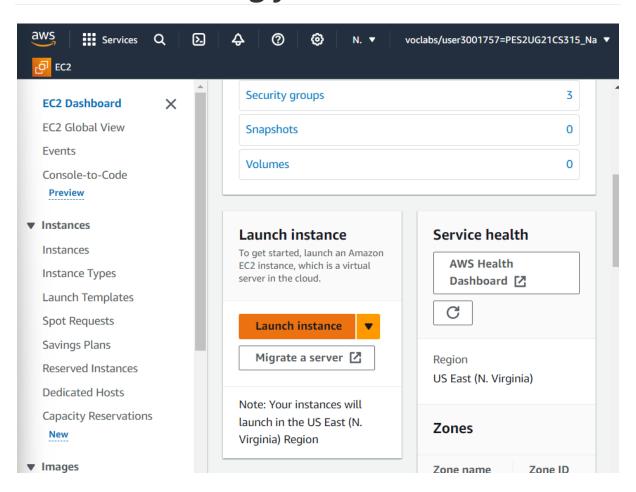
NAME: NAGAVENILG

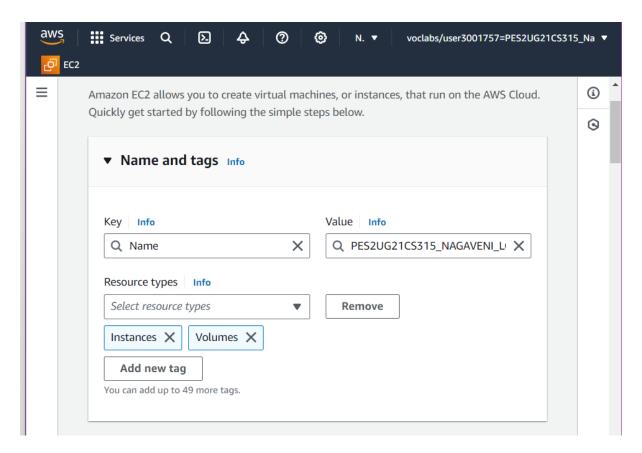
SRN: PES2UG21CS315

SEC: 6F

Task 1: Launching your EC2 instance

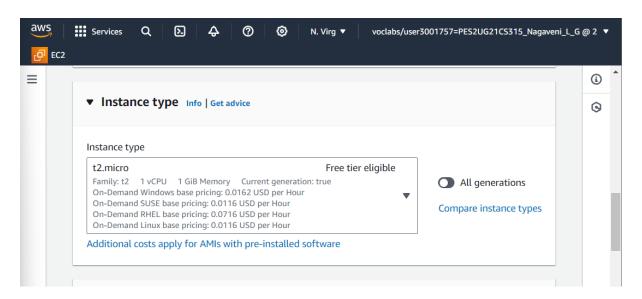


Step 1: Name your EC2 instance

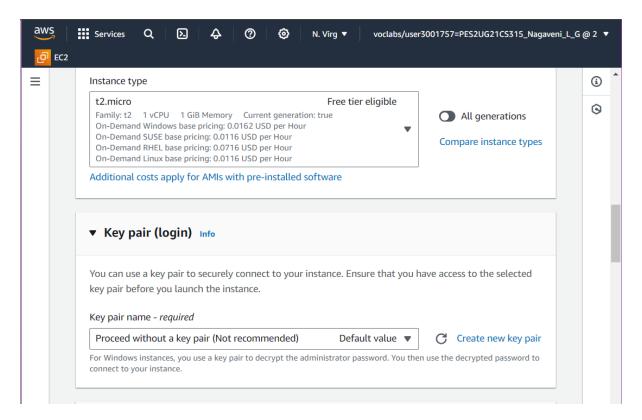


Step 2: Choose an AMI

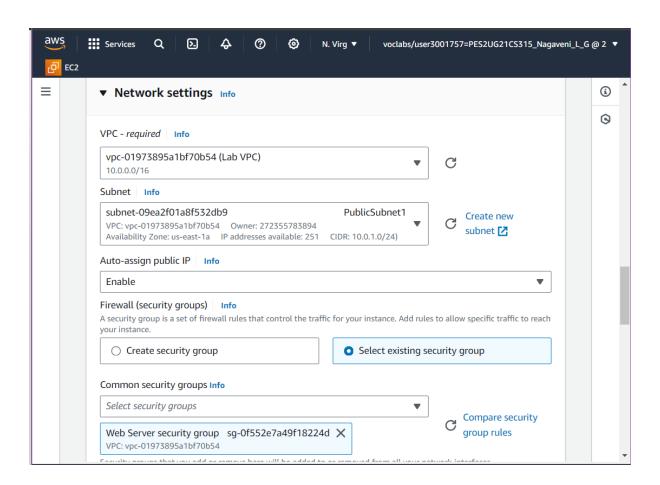
Step 3: Choose an instance type



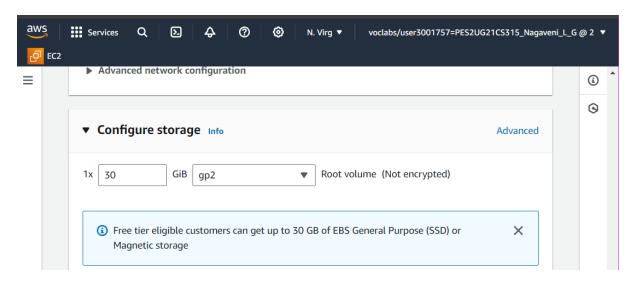
Step 4: Configure a key pair



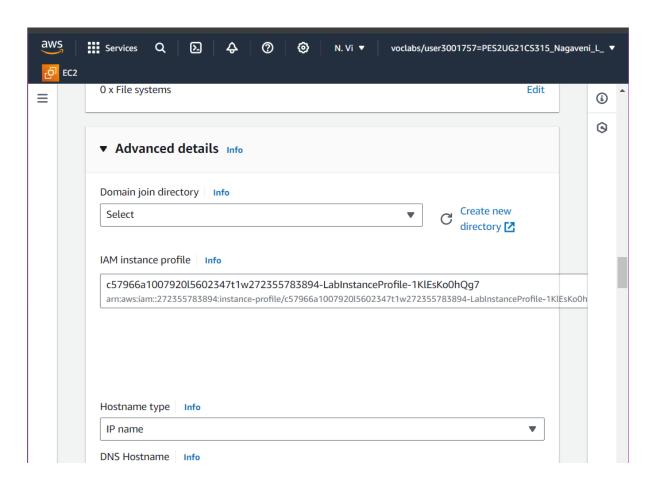
Step 5: Configure the network settings

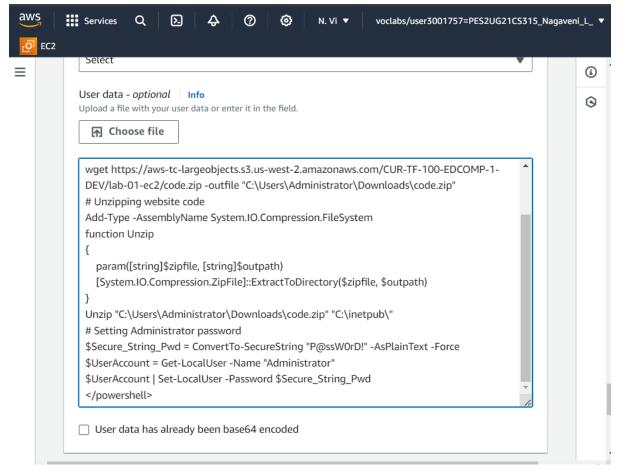


Step 6: Add storage

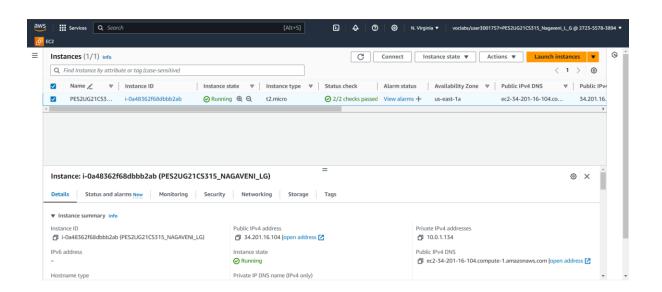


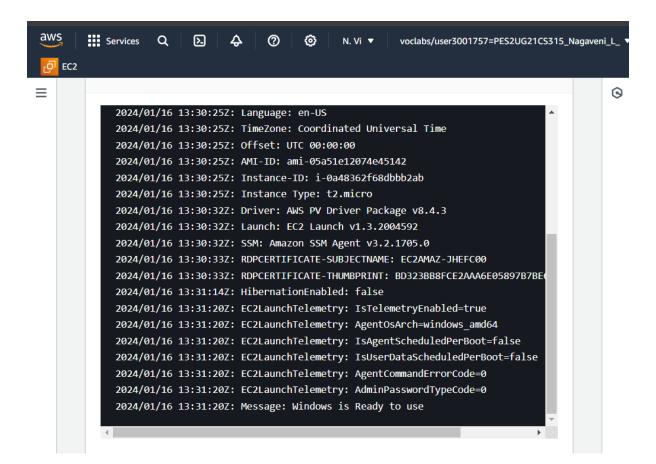
Step 7: Configure advanced details

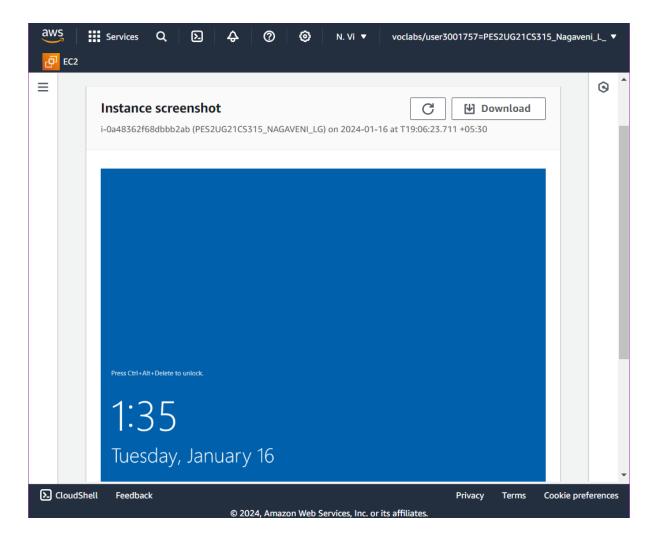




Step 8: Launch an EC2 instance







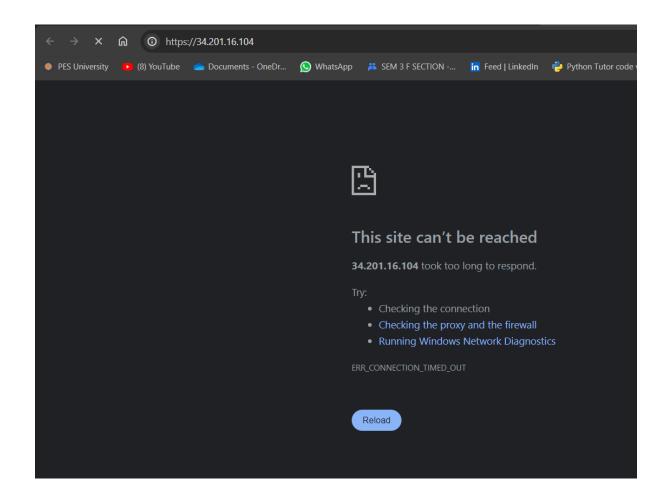
Task 3: Updating your security group and accessing the web server

Copy the **Public IPv4 address** of your instance to your clipboard.

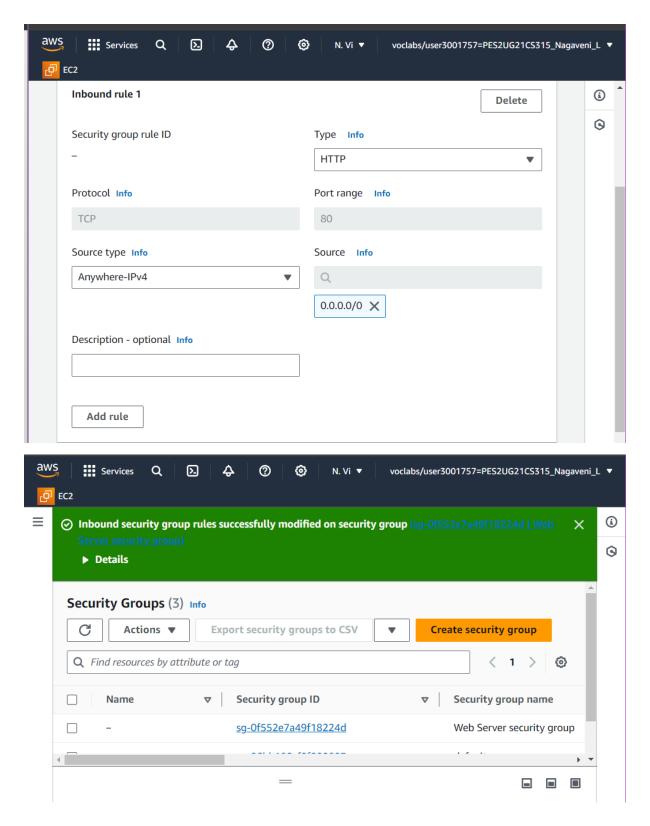
In your web browser, open a new tab, paste the IP address you just copied, and then press Enter

- not currently able to access your web server because the security group is not permitting inbound traffic on port 80, which is used for HTTP web requests. This step is a demonstration of how to use a security group as a firewall to restrict the network traffic that is allowed in and out of an instance.

To correct this issue, you now update the security group to permit web traffic on port 80.

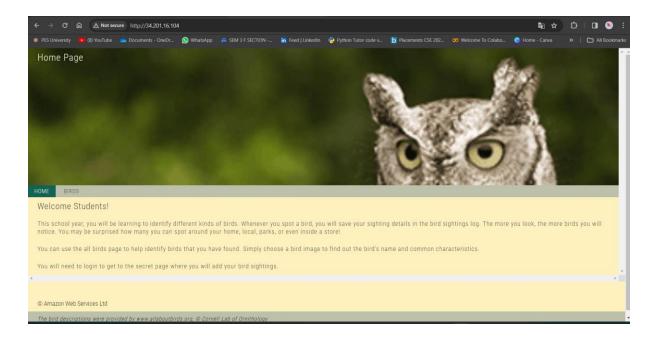


EDIT INBOUND RULES

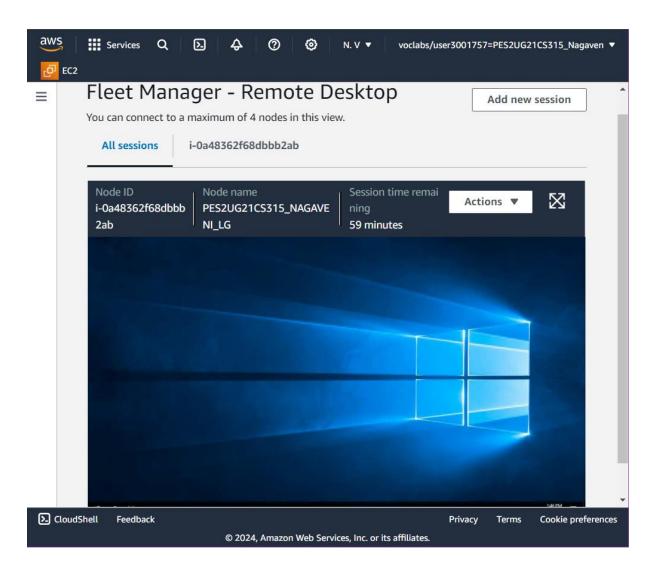


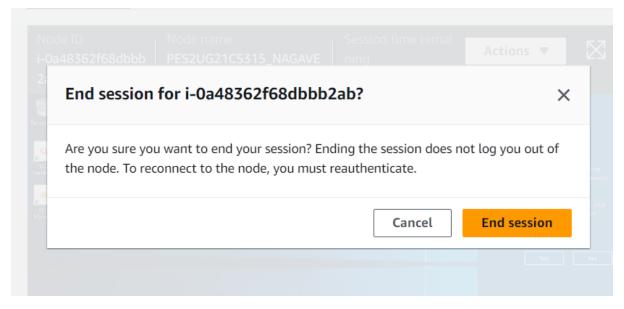
Return to the web server browser tab with the public IPv4 address that you previously opened, and choose to refresh the page.

You should now find a web website with the message Welcome Students!



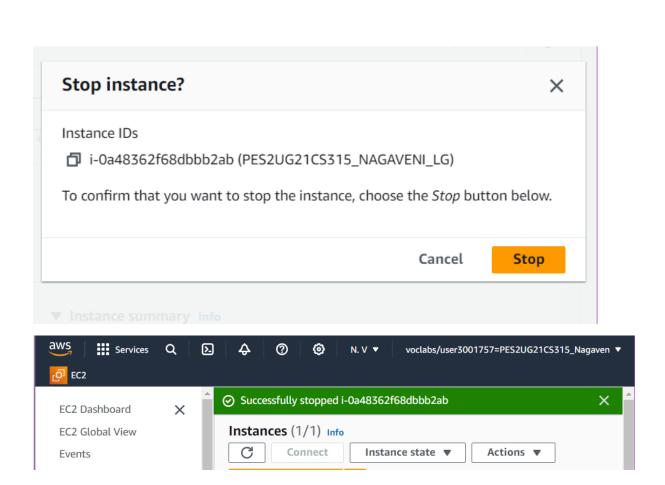
Task 4: Connecting to your instance using AWS Systems Manager Fleet Manager



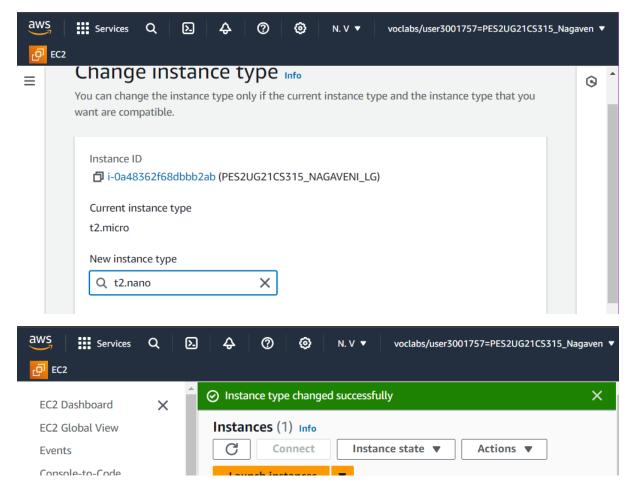


Task 5: Resizing your instance

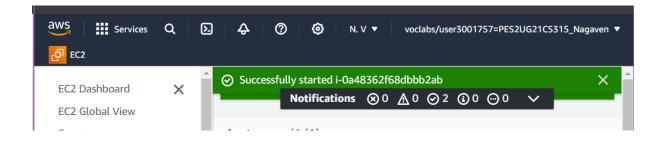
Stop your instance



Change the instance type



Start the resized instance



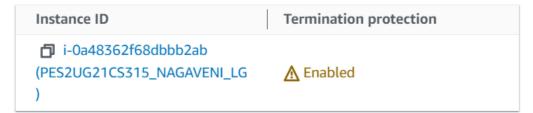
Task 6: Testing termination protection

Terminate instance?



♠ On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.

Are you sure you want to terminate these instances?



To confirm that you want to terminate the instances, choose the terminate button below. Instances with termination protection enabled will not be terminated. Terminating the instance cannot be undone.

Cancel

Terminate

Change termination protection



To prevent your instance from being accidentally terminated, you can enable termination protection for the instance. Learn more 🛂

Instance ID

i-0a48362f68dbbb2ab (PES2UG21CS315_NAGAVENI_LG)

Termination protection

Enable

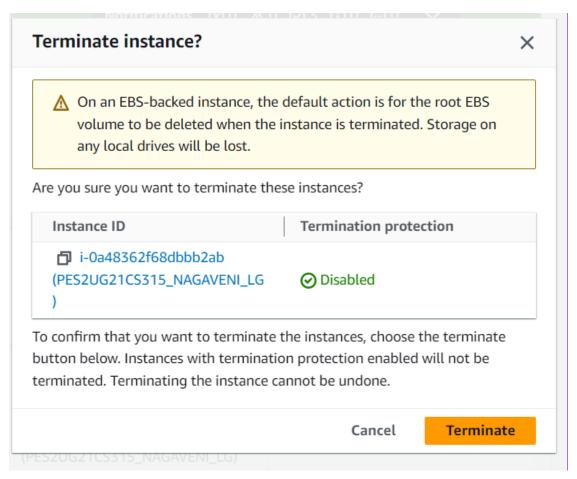


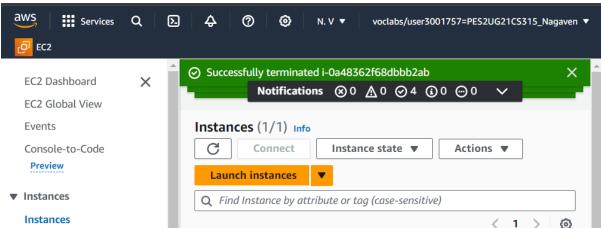
Termination protection disabled.

The instance is no longer protected against accidental termination. If the instance is terminated, data stored on ephemeral storage is lost.

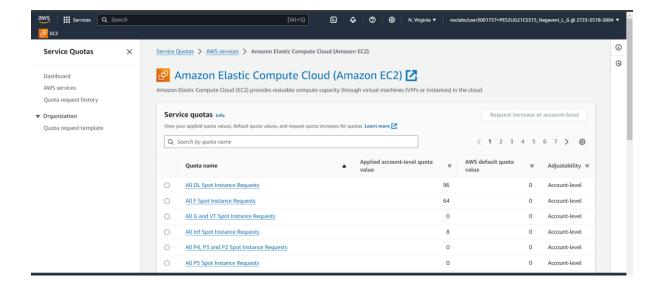
Cancel

Save

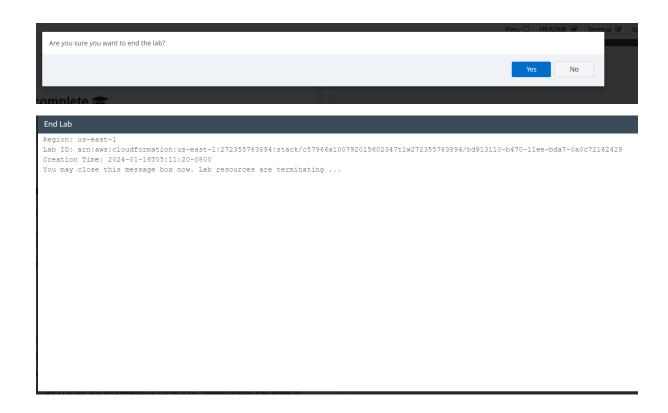




Task 7: Exploring EC2 limits



Lab complete



Final assessment results

Your Score: 86.66% (130 points)

Passing Score: 70% (105 points)

Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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