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DAY 03 | PART 2

Launch and Connect to a Linux Instance

Spin up a practice server and log in so we can run commands for the rest of the class.

Launch | Connect | Prompt

WHAT YOU WILL LEARN

Launch and Connect to a Linux Instance

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1. Launch a Linux practice instance
2. Connect with the method you prefer
3. Read the shell prompt
4. Be ready to type commands

HANDS-ON

Launch and connect

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1. EC2 > Launch instance. Name: Linux-Practice
2. Pick Amazon Linux 2023 (or Ubuntu) and t2.micro / t3.micro
3. Select your existing key pair; allow SSH (port 22)
4. Launch, wait for Running + 2/2 checks
5. Connect using EC2 Instance Connect or PuTTY / ssh
6. You see a prompt like [ec2-user@ip-172-31-13-103 ~]$

READING THE PROMPT

[ec2-user@ip-172-31-13-103 ~]$

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ec2-user

The user you are logged in as.

ip-172-31-13-103

The server's private name - the machine you are on.

~

Your current folder. ~ means the home folder /home/ec2-user.

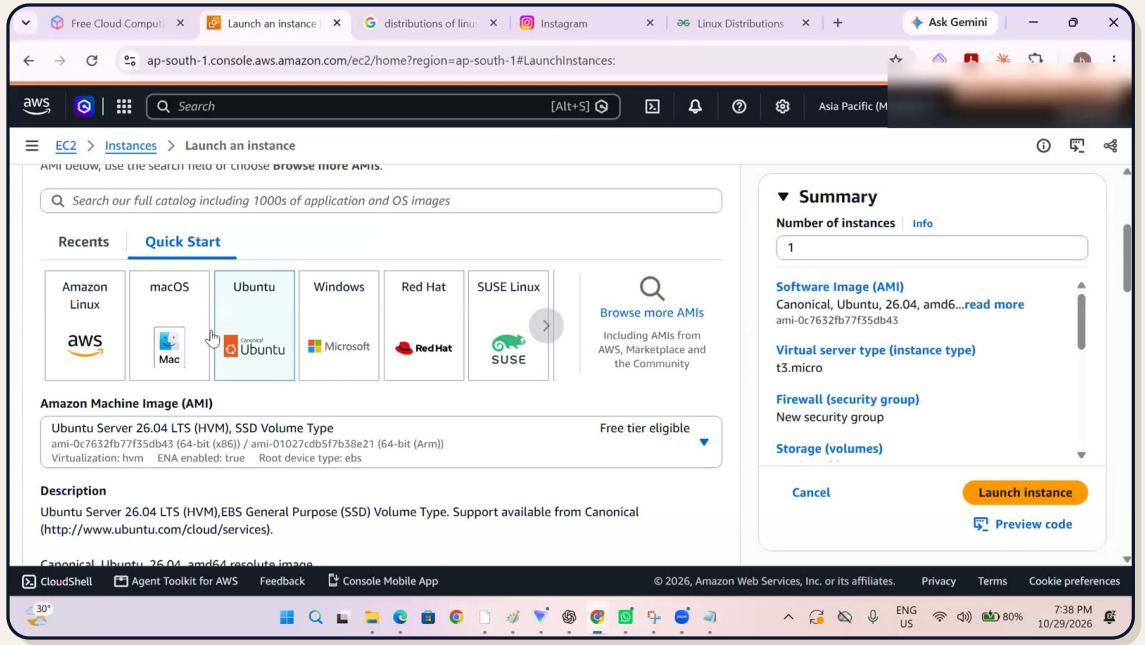
$

A normal user. A # sign means you are root (administrator).

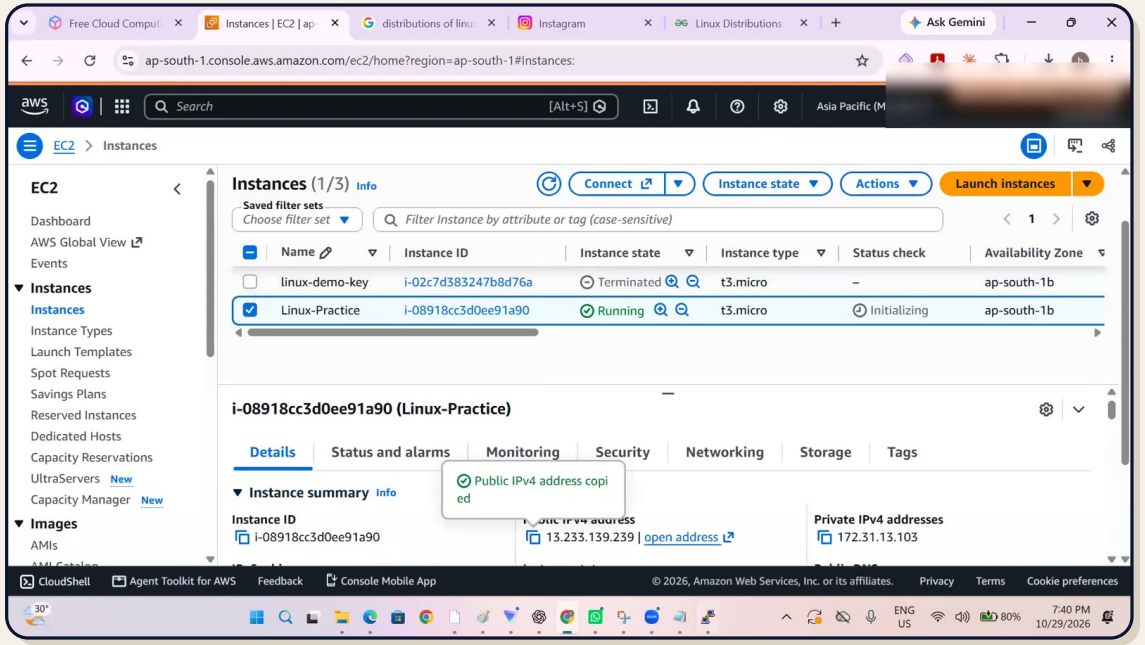
FROM THE CLASS

Your practice server

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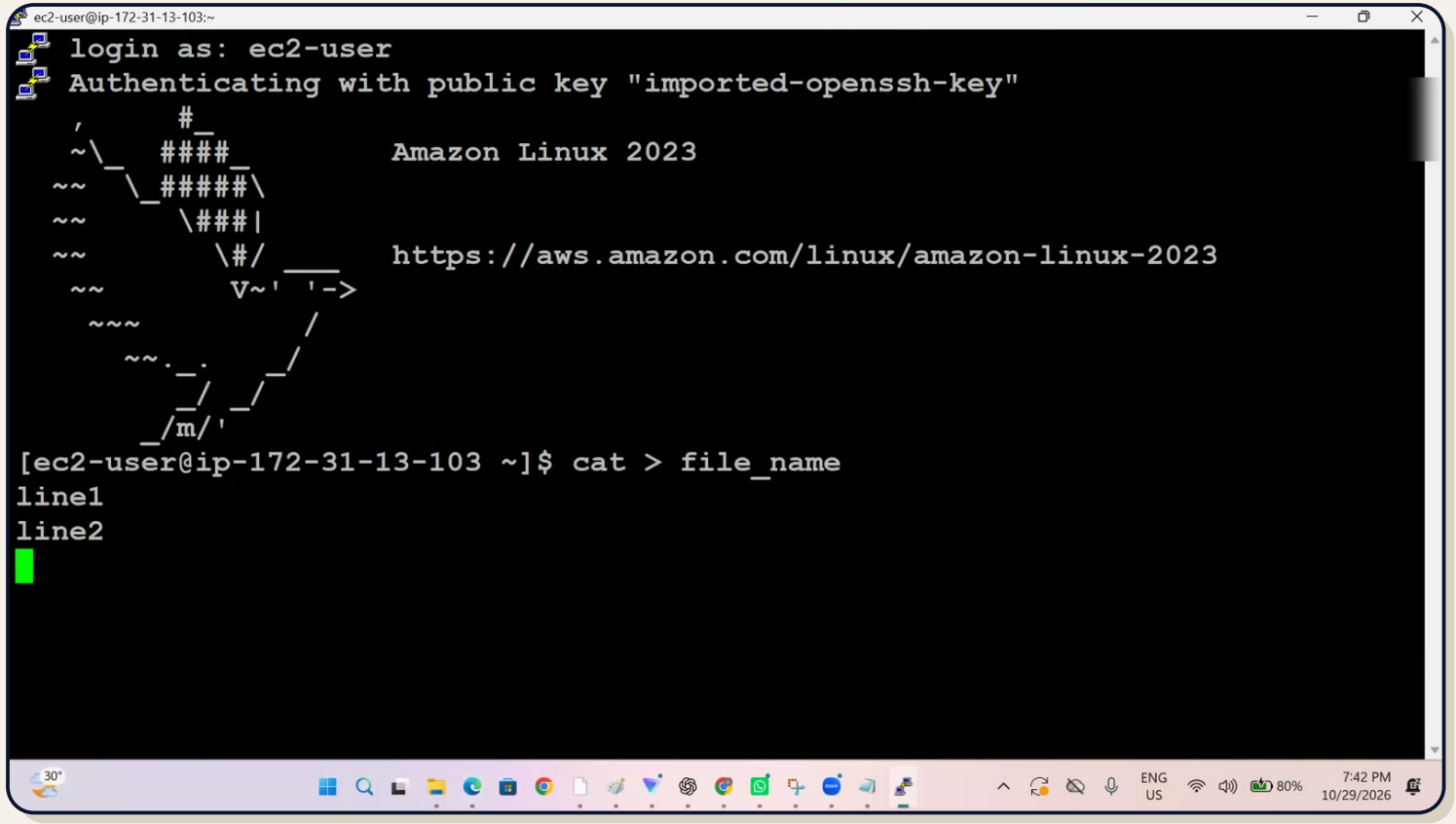
Choosing the Linux image in the launch wizard



The new instance running with status checks

FROM THE CLASS

Before you type



A moment from the recording for this part.

2/2 checks

Wait for both checks before connecting - the server needs time to boot.

Same key pair

Reuse the key pair you already created. No need for a new one each time.

QUICK RECAP

What to remember

- Name the instance so you can find it later
- Wait for 2/2 checks before connecting
- The prompt tells you user, machine and folder
- $ = normal user, # = root

PRACTICE

Practice questions

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Q1 What does ~ mean in the prompt?

A. Root folder
B. Home folder
C. Trash
D. Network

Q2 What does # at the end of the prompt mean?

A. Comment
B. Root user
C. Error
D. Windows

Q3 What should you wait for before connecting?

A. 2/2 checks
B. A new Region
C. Midnight
D. A bill

Q4 Which port must be open for SSH?

A. 22
B. 80
C. 3389
D. 8080

PRACTICE

Practice questions - answers

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Q1 What does ~ mean in the prompt?

Answer: B. Home folder

~ is the home directory.

Q2 What does # at the end of the prompt mean?

Answer: B. Root user

# indicates root.

Q3 What should you wait for before connecting?

Answer: A. 2/2 checks

Instance status checks must pass.

Q4 Which port must be open for SSH?

Answer: A. 22

TCP 22.