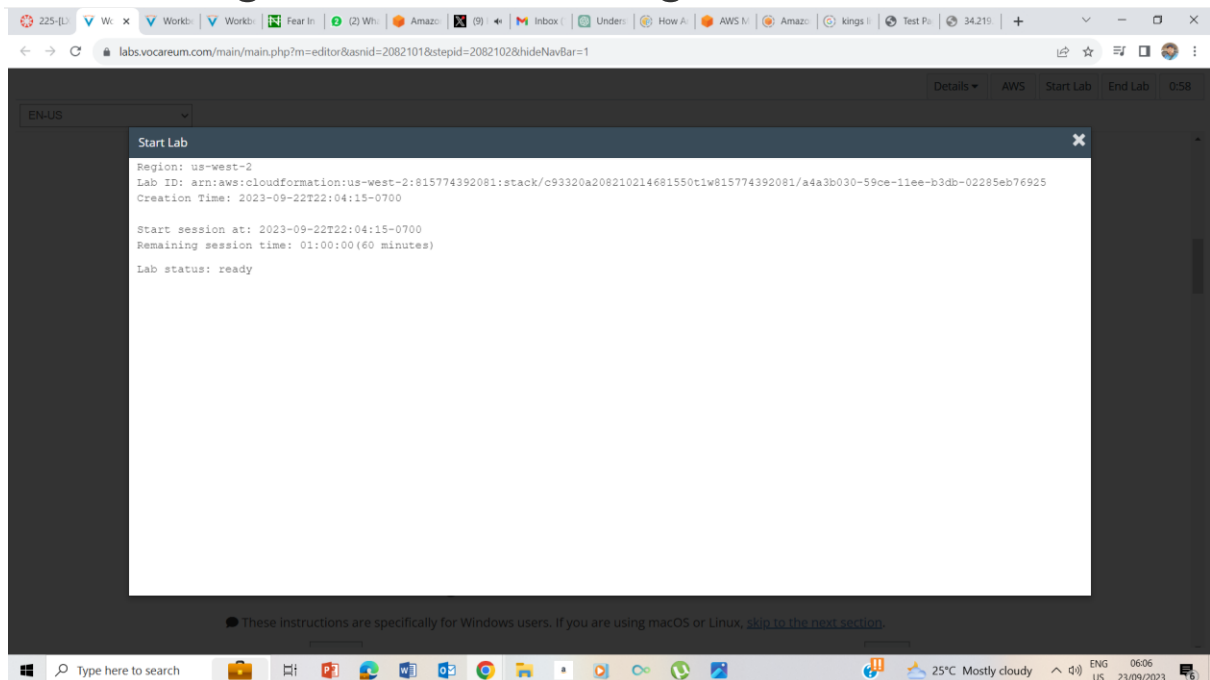
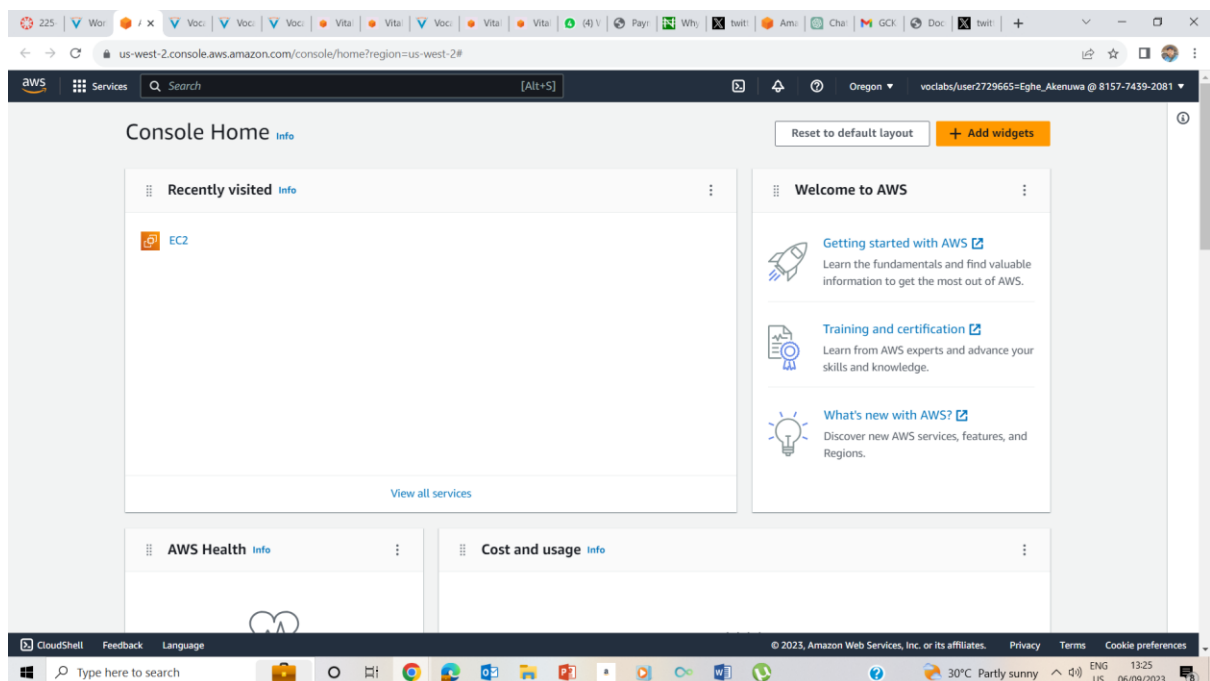


Introduction to an Amazon Linux Amazon Machine Image (AMI)

Accessing the AWS Management Console



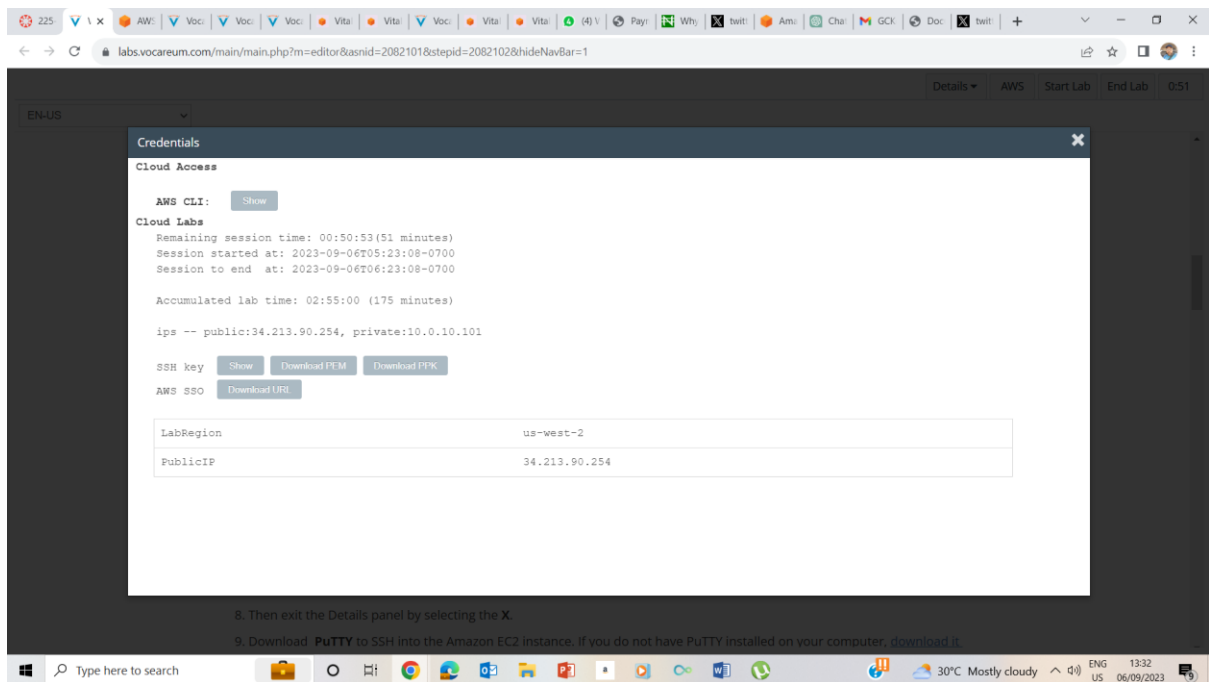
1. Start Status - Ready



2. Clicked on AWS to take me to the AWS management console.

Task 1: Use SSH to connect to an Amazon Linux EC2 instance

Windows Users: Using SSH to Connect

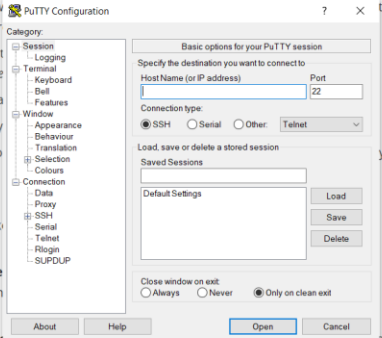


5. Clicked on Details Dropdown Box and show. I made note of the Public IP address and also downloaded PPK button.

EN-US

These instructions are specifically for Windows users. If you are using macOS or Linux, [skip to the next section](#).

- Select the **Details** drop-down. Credentials window will be presented.
- Select the **Download PPK** button. Typically your browser will save it to the Downloads directory.
- Make a note of the **Public IP** address.
- Then exit the Details panel by selecting the **X**.
- Download **PUTTY** to SSH into the Amazon EC2 instance. If you do not have it, you can download it from the AWS Management Console. [Click here](#).
- Open **putty.exe**.
- Configure PuTTY timeout to keep the PuTTY session open for a longer period of time.
 - Select **Connection**
 - Set **Seconds between keepalives** to 30
- Configure your PuTTY session:
 - Select **Session**
 - Host Name (or IP address)**: Paste the **Public DNS or IPv4 address** of the EC2 instance you made a note of earlier. Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance you want to connect to and in the **Description** tab copy the **IPv4 Public IP** value.
 - Back in PuTTY, in the **Connection** list, expand **SSH**
 - Select **Auth** (don't expand it)
 - Select **Browse**
 - Browse to and select the lab#.ppk file that you downloaded



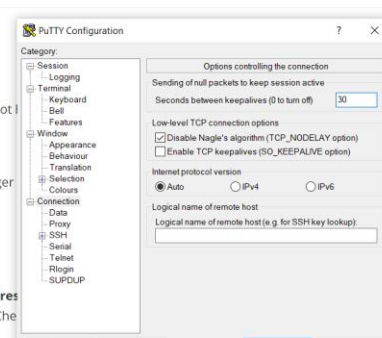
EN-US

9-10 I downloaded Putty , opened putty.exe to run the putty file

RUNNING PUTTY.EXE

EN-US

- Select the **Download PPK** button and save the **labuser.ppk** file. Typically your browser will save it to the Downloads directory.
- Make a note of the **Public IP** address.
- Then exit the Details panel by selecting the **X**.
- Download **PUTTY** to SSH into the Amazon EC2 instance. If you do not have it, you can download it from the AWS Management Console. [Click here](#).
- Open **putty.exe**.
- Configure PuTTY timeout to keep the PuTTY session open for a longer period of time.
 - Select **Connection**
 - Set **Seconds between keepalives** to 30
- Configure your PuTTY session:
 - Select **Session**
 - Host Name (or IP address)**: Paste the **Public DNS or IPv4 address** of the EC2 instance you made a note of earlier. Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance you want to connect to and in the **Description** tab copy the **IPv4 Public IP** value.
 - Back in PuTTY, in the **Connection** list, expand **SSH**
 - Select **Auth** (don't expand it)
 - Select **Browse**
 - Browse to and select the lab#.ppk file that you downloaded
 - Select **Open** to select it
 - Select **Open** again.
- Select **Yes**, to trust and connect to the host.
- When prompted **login as**, enter: **ec2-user**



EN-US

11 I select Connection and set the seconds between keepalives to 30

Configuring PUTTY to keep sessions alive for longer periods i.e. 30 Seconds

EN-US

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Details AWS Start Lab End Lab 0:47

EN-US

b. Select the **Download PPK** button and save the **lab0user.ppk** file.
Typically your browser will save it to the Downloads directory.

7. Make a note of the **PublicIP** address.

8. Then exit the Details panel by selecting the **X**.

9. Download **PuTTY** to SSH into the Amazon EC2 instance. If you do not have PuTTY install it [here](#).

10. Open **putty.exe**

11. Configure PuTTY timeout to keep the PuTTY session open for a longer period of time

- Select **Connection**
- Set **Seconds between keepalives** to 30

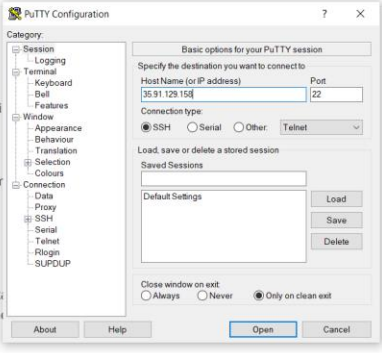
12. Configure your PuTTY session:

- Select **Session**
- **Host Name (or IP address)**: Paste the **Public DNS or IPv4 address** of the instance. Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance and in the **Description** tab copy the **IPv4 Public IP** value.
- Back in PuTTY, in the **Connection** list, expand **SSH**
- Select **Auth** (don't expand it)
- Select **Browse**
- Browse to and select the lab#.ppk file that you downloaded
- Select **Open** to select it
- Select **Open** again.

13. Select **Yes**, to trust and connect to the host.

14. When prompted **login as**, enter: **ec2-user**

This will connect you to the EC2 instance



Windows taskbar: Type here to search, 28°C, ENG US, 11:24, 06/09/2023

Inputting the IP address into the session.

EN-US

225

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Details AWS Start Lab End Lab 0:46

EN-US

b. Select the **Download PPK** button and save the **lab0user.ppk** file.
Typically your browser will save it to the Downloads directory.

7. Make a note of the **PublicIP** address.

8. Then exit the Details panel by selecting the **X**.

9. Download **PuTTY** to SSH into the Amazon EC2 instance. If you do not have PuTTY install it [here](#).

10. Open **putty.exe**

11. Configure PuTTY timeout to keep the PuTTY session open for a longer period of time

- Select **Connection**
- Set **Seconds between keepalives** to 30

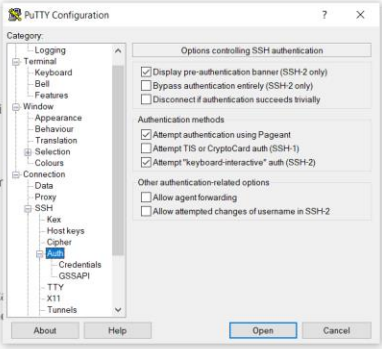
12. Configure your PuTTY session:

- Select **Session**
- **Host Name (or IP address)**: Paste the **Public DNS or IPv4 address** of the instance. Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance and in the **Description** tab copy the **IPv4 Public IP** value.
- Back in PuTTY, in the **Connection** list, expand **SSH**
- Select **Auth** (don't expand it)
- Select **Browse**
- Browse to and select the lab#.ppk file that you downloaded
- Select **Open** to select it
- Select **Open** again.

13. Select **Yes**, to trust and connect to the host.

14. When prompted **login as**, enter: **ec2-user**

This will connect you to the EC2 instance



Windows taskbar: Type here to search, 28°C, ENG US, 11:25, 06/09/2023

Expansion of SSH

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35.91.129.158 - PuTTY

EN-US

Details AWS Start Lab End Lab 0:34

Putty Security Alert

The host key is not cached for this server:
35.91.129.158 (port 22)

You have no guarantee that the server is the computer you think it is.

The server's ssh-ed25519 key fingerprint is:
ssh-ed25519 255 SHA256 BGGbLjUA2S8O0xZvY2EBNoFchqA40XG410x0Kz

If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.



If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".

If you do not trust this host, press "Cancel" to abandon the connection.

Help More info... Accept Connect Once Cancel

14. When prompted **login as**, enter: `ec2-user`
This will connect you to the EC2 instance.

15. Windows Users: [Select here to skip ahead to the next task.](#)

macOS  and Linux  Users

These instructions are specifically for Mac/Linux users. If you are a Windows user, [skip ahead to the next task.](#)

16. Select the **Details** drop-down menu above these instructions you are currently reading, and then select **Show**. A Credentials window will be presented.

Type here to search

29°C ENG US 11:37 06/09/2023

Accepting the connection

labs.vocareum.com/main/main.php?m=editor&asnid=2082101&stepid=2082102&hideNavBar=1

35.91.129.158 - PuTTY

EN-US



Details AWS Start Lab End Lab 0:32

login as:

13. Select **Yes**, to trust and connect to the host.

14. When prompted **login as**, enter: `ec2-user`
This will connect you to the EC2 instance.

15. Windows Users: [Select here to skip ahead to the next task.](#)

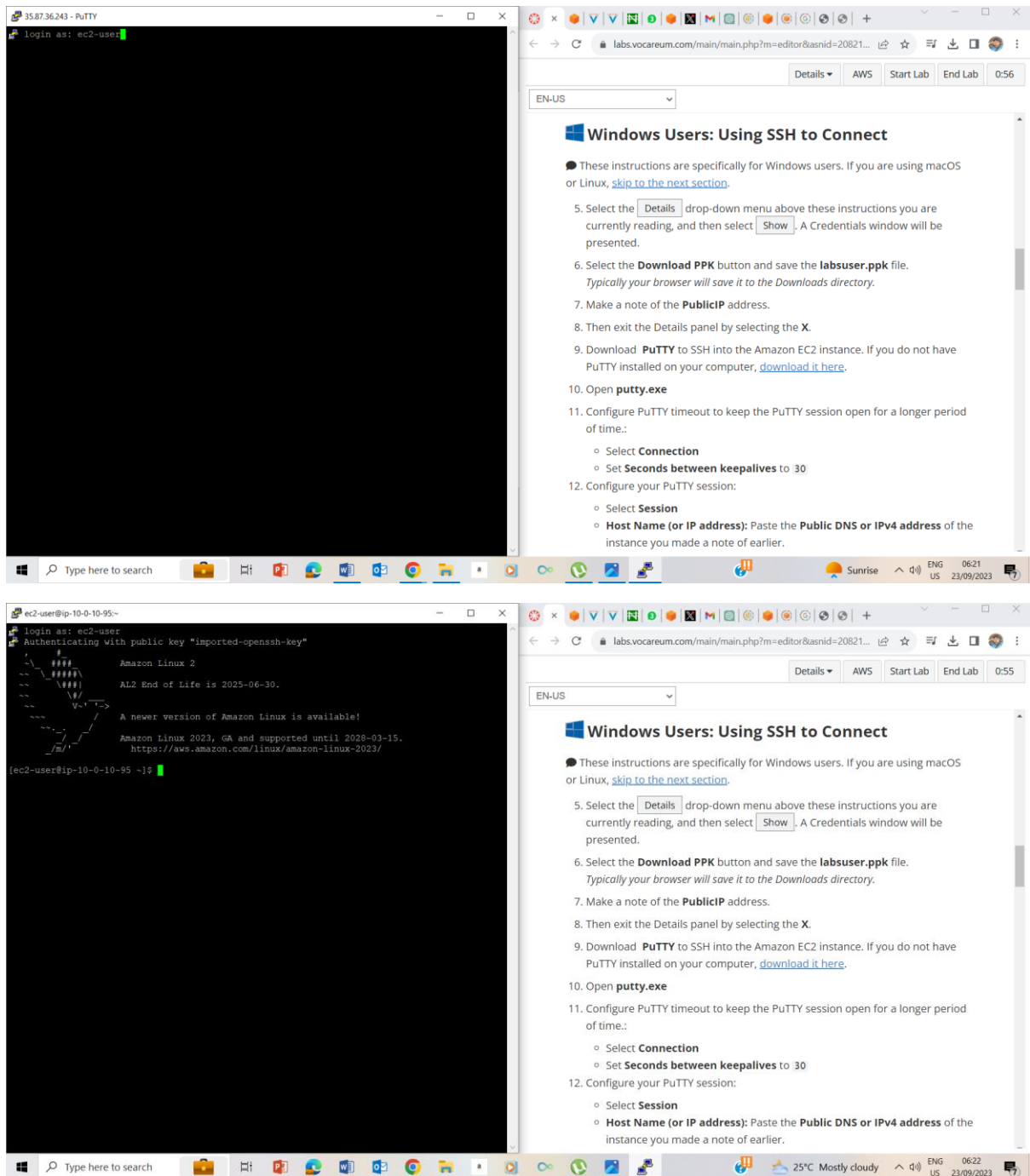
macOS  and Linux  Users

These instructions are specifically for Mac/Linux users. If you are a Windows user, [skip ahead to the next task.](#)

16. Select the **Details** drop-down menu above these instructions you are currently reading, and then select **Show**. A Credentials window will be presented.

Type here to search

29°C ENG US 11:38 06/09/2023



Entered user as ec2-user

Task 2: Exercise - Explore the Linux man pages

