Note: This document is only useful after you register for TracHack, sign the NDA and receive the instruction from them.

macOS

Assuming you already have

● Installed Python3 - https://www.python.org/downloads/ ● Installed pip - https://pip.pypa.io/en/stable/installing/

1) Install AWS CLI via Mac Installer

https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2-mac.html#cliv2-mac-install-gui

Or in Mac Terminal, run:

1. curl "https://awscli.amazonaws.com/AWSCLIV2.pkg" -o "AWSCLIV2.pkg"
2. sudo installer -pkg AWSCLIV2.pkg -target /

More info: https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2-mac.html#cliv2-mac-install-cmd

2) Configure AWS

In terminal run:

1) aws configure 2) Enter Key: 3) Enter Secret Key: 4) Enter default region: us-east-1 5) Default output format [None]: Press Enter

3) Install SSM

In terminal run:

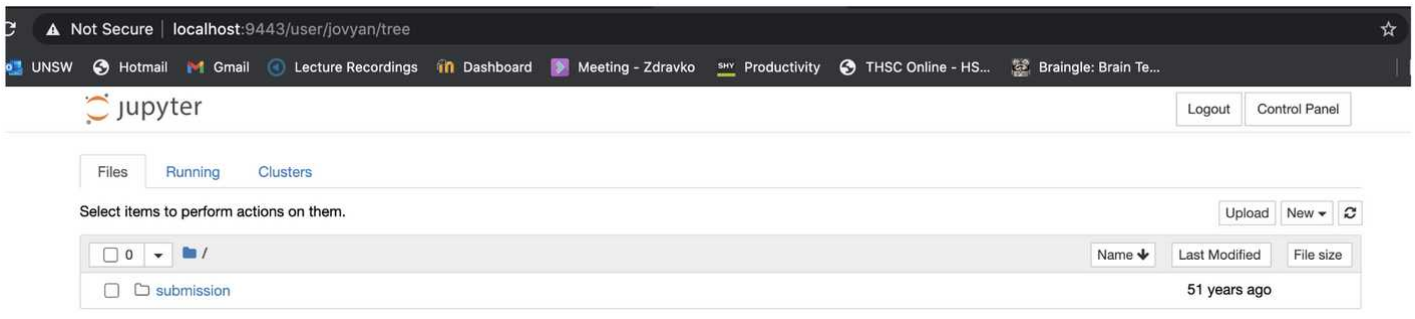
1. curl "https://s3.amazonaws.com/session-manager-downloads/plugin/latest/mac/sessionmanager-bundle.zip"
    - o "sessionmanager-bundle.zip"
2. unzip sessionmanager-bundle.zip
3. sudo ./sessionmanager-bundle/install -i /usr/local/sessionmanagerplugin -b /usr/local/bin/session-manager-plugin
4. Verify by running : session-manager-plugin

More info: https://docs.aws.amazon.com/systems-manager/latest/userguide/session-manager-working-with-install-plugin.html#in stall-plugin-verify

4) Connect to server

In terminal run:

1. aws ssm start-session --target i-0f3d80228969ad807 --document-name AWS-StartPortForwardingSession
    - -parameters '{"portNumber":["9443"], "localPortNumber":["9443"]}' REPLACE ID IN RED WITH YOUR TARGET ID THAT IS SPECIFIED IN THE EMAIL SENT TO YOU.
2. Open https://localhost:9443. If you cannot proceed due to a warning page you will need to allow your browser to allow resources loaded from localhost - in chrome you can bypass this warning by typing “chrome://flags/#allow-insecure-localhost” in your url-bar and enabling “Allow invalid certificates for resources loaded from localhost”. You can disable this back at any point.
3. Enter username: ___ and password: ____
4. You should see something like the picture below:



Windows

Assuming you already have

● Installed Python3 - https://www.python.org/downloads/ ● Installed pip - https://pip.pypa.io/en/stable/installing/

1) Install AWS CLI

Download and install the msi file: https://awscli.amazonaws.com/AWSCLIV2.msi

More info: https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2-windows.html To verify installation- open cmd and run: aws --version

2) Configure AWS

In cmd run:

1. aws configure
2. Enter Key:
3. Enter Secret Key:
4. Enter default region: us-east-1
5. Default output format [None]: Press Enter

3) Install SSM

1. Download and install :https://s3.amazonaws.com/session-manager-downloads/plugin/latest/windows/SessionManagerPlu ginSetup.exe
2. Verify installation- open cmd and run: session-manager-plugin
3. IF “The Session Manager plugin was installed successfully. Use the AWS CLI to start a session” was printed go to 4) Connect to server
4. If the command failed, then you will have to add session-manager-plugin to your operating system's PATH environment variable. Refer to the steps below

To modify your PATH variable (Windows)

1. Press the Windows key and enter environment variables.
2. Choose Edit environment variables for your account.
3. Choose PATH and then choose Edit.
4. Choose New.
5. Add the following paths depending on your machine:

● 32-bit machines: C:\Program Files (x86)\Amazon\SessionManagerPlugin\bin\ ● 64-bit machines: C:\Program Files\Amazon\SessionManagerPlugin\bin\

6. Choose OK twice to apply the new settings.
7. Close any running command prompts and re-open.

More info:https://docs.aws.amazon.com/systems-manager/latest/userguide/session-manager-troubleshooting.html#window s-plugin-env-var-not-set

4) Connect to server

In terminal run:

1. aws ssm start-session --target i-0f3d80228969ad807 --document-name AWS-StartPortForwardingSession
    - -parameters portNumber="9443",localPortNumber="9443".

REPLACE ID IN RED WITH YOUR TARGET ID THAT IS SPECIFIED IN THE EMAIL SENT TO YOU.

Once you see ‘Waiting for connections...’

2. Open https://localhost:9443. If you cannot proceed due to a warning page you will need to allow your browser to allow resources loaded from localhost - in chrome you can bypass this warning by clicking ‘advanced’ and choosing ‘proceed’. Or type “chrome://

flags/#allow-insecure-localhost" in your url-bar and enable "Allow invalid certificates for resources loaded from localhost". You can disable this back at any point.

3. Enter username: ___ and password: _____
4. You should see something like the picture below: