SWS3011 – DOTA Defense of the Ancients
Lab 1

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Your PC should have booted.

Please boot it up if not. Please reboot if it's in Windows.

Lab instruction can be found on Canvas.

This Room

- **IT Security and Operating Systems Lab** (COM1-B-13)
  - Accessible to students reading related subjects
  - Operating Time:
    - Mon – Fri: 7:30am – 10:00pm
    - Sat, Sun & Public Holidays: 9:30am – 6:30pm
  - Insecure environment
- **How to open the door?**
  - Tap your card to enter & exit
  - Always take your smartcard with you
- Please refrain from bringing food and drinks into this lab.
  - While plain water is allowed, please handle it with care.

Other Resources

- PL1-PL6 (COM1), Media Lab 1, Media Lab 2A (AS6) are available
    - To all SWS students
    - When there are no classes (usually there are no classes)
    - Use your NUSNET ID to login

Lab #1 (Familiarization)

A simple lab.

- Part 1 - Getting started in the lab with UNIX

- Part 2 - Trying out Virtual Machines

- Part 3 - Getting started in the lab with Windows

Part 1 - Getting started in the lab with UNIX

- Use the username and password in the email to log in.

    - `DOTA2022: Important message about your laboratories...`

- If your username is not listed on the login screen, click "**Not listed?**"

- The initial login can be very slow.

- You can change the password for logging into Ubuntu.

    - Note that the change won't affect the submission website
        - i.e., you'll always use the orignal password to submit your results.

Part 2 - Trying out Virtual Machines

- If the PC is too slow, feel free to use your own laptop instead.

  - But it won't work on a MacBook with Apple Silicon (M1/M2).
  - The zip file can be downloaded from the following links
    - https://drive.google.com/file/d/138fqx0F8bThLm9ka8cnuxmrD6irtz_4m/view?usp=sharing
    - https://seed.nyc3.cdn.digitaloceanspaces.com/SEED-Ubuntu20.04.zip

- If you use the PC, please note that `/tmp` is faster but not persistent.

- Remember to enable **Shared Clipboard** to allow you to copy the hash value.

- Account Information of SEED VM

  - Username: `seed`
  - Password: `dees`

Part 3 - Getting started in the lab with Windows

- After rebooting, select "**Windows Boot Manager**" on the "GNU GRUB" screen to boot into Windows.

  - It's a black screen.

  - No need to change the boot order in BIOS.

- Use the username and password in the email to log in.

- There is no need to power off the PC when you finish your work. Just reboot it.

Notes

- You may find the slides at https://bit.ly/dota2023-lab1
  - If you got a 404 after copying the URL from an opened slide, remove the trailing `/1` from the URL.
- Use your username and password in the email to log in.
- **Part 1 - Getting started in the lab with UNIX**
  - If your username is not listed on the login screen, click "**Not listed?**"
  - You can change the password for logging into Ubuntu.
- **Part 2 - Trying out Virtual Machines**
  - If the PC is too slow, feel free to use your own laptop instead.
  - Remember to enable **Shared Clipboard** to allow you to copy the hash value.
  - The link should be https://hugh.comp.nus.edu.sg/DOTA/lab1/gradeslab1-2.php
- **Part 3 - Getting started in the lab with Windows**
  - Reboot. Select "**Windows Boot Manager**" on the "GNU GRUB" screen to boot into Windows.

  There is no need to power off the PC when you finish your work. Just reboot it.