



香港中文大學
The Chinese University of Hong Kong

ENGG I003AH/I004D

Digital Literacy and Computational Thinking

How to Use Microsoft Azure Labs Services VM

Term 2, 2024-25

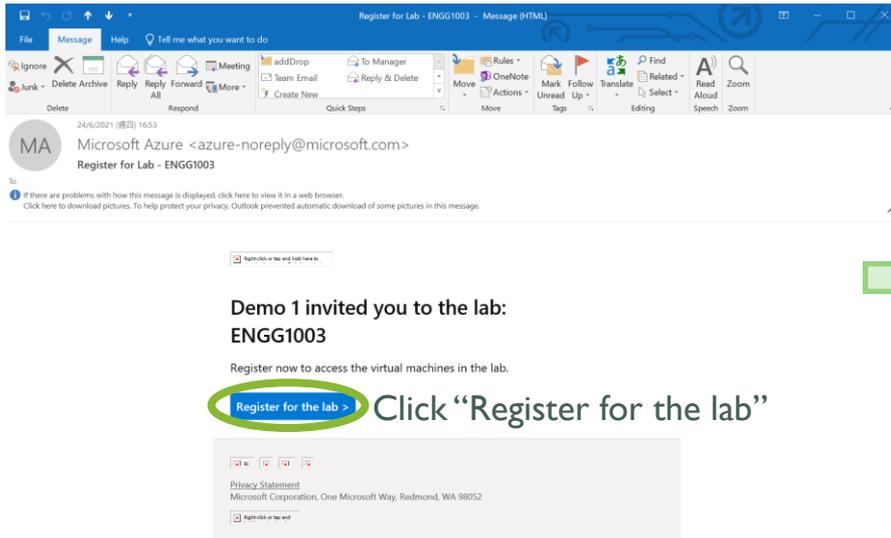
Wai-Yiu Keung

wykeung@cse.cuhk.edu.hk

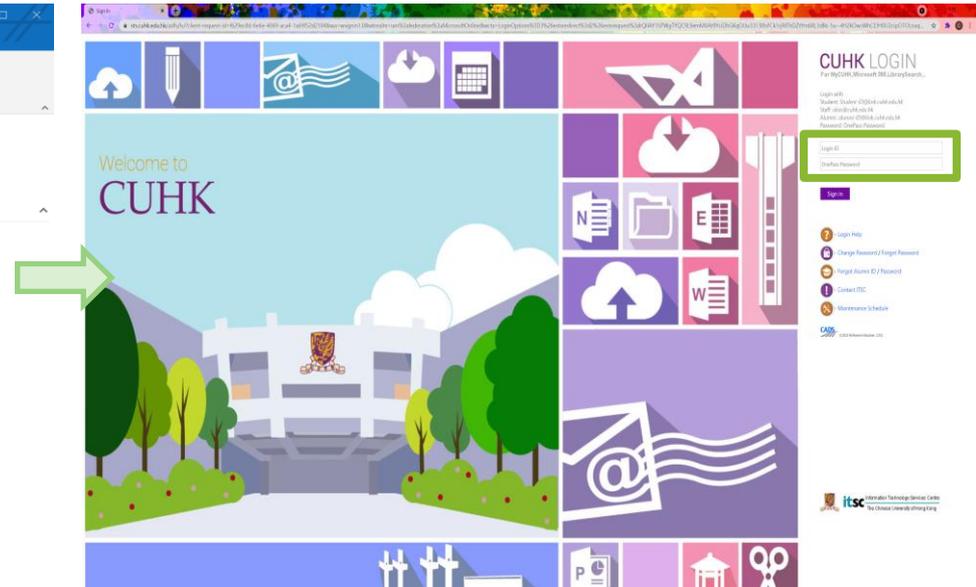
For Windows User

Setup the virtual machine

- You should receive an invitation email sent by Microsoft Azure, allowing you register for the lab

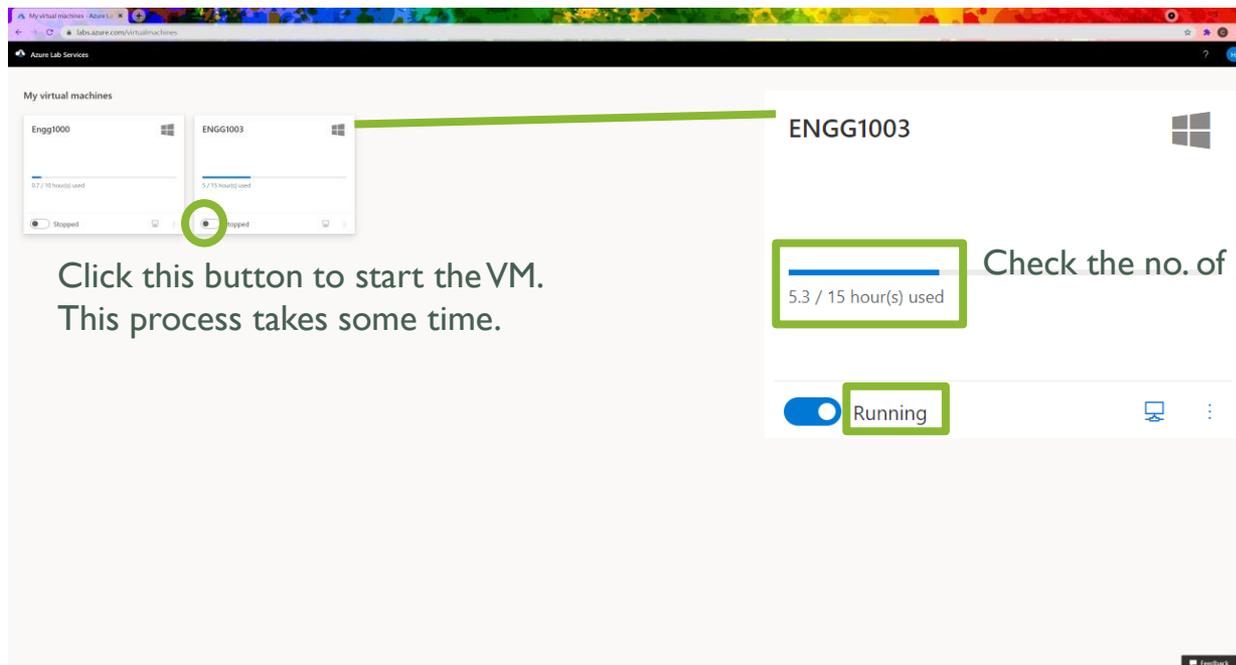


Enter CUHK o365 account information



Start the VM

View all virtual machines in this pane



My virtual machines

Engg1000

ENGG1003

Click this button to start the VM.
This process takes some time.

ENGG1003

5.3 / 15 hour(s) used

Running

Check the no. of hours spent on VM

Notes: DON'T use Internet Explorer 11 to browse Azure Portal! Use other web browsers such as Firefox, Chrome instead

Connect to the VM

- Set the password for the VM

ENGG1003



- 2 Set your VM password when you use VM for the first time
DO NOT use OnePass or other password!

5.3 / 15 hour(s) used

Running



Set password

Enter a new password to be used when logging in. Setting the password may take several minutes.

Username

dlct

Password

Set password

Cancel

Connect to the VM

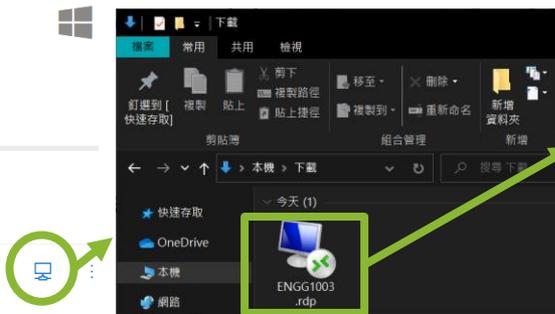
For Windows virtual machines, save the RDP file to the hard disk.

ENGG1003

5.3 / 15 hour(s) used

Running

1 Click the icon again to download the RDP file



2 Open the RDP file



4 Click "Connect"

5 Enter the password which you just set for the VM



6 Click "OK"

Remember to start the VM on Azure Lab Portal every time before opening the rdp file when you use VM

File sharing across VM and computer

- For example, copy the image from your computer to the VM.
- (You can do the reverse to copy document from the VM to the computer)

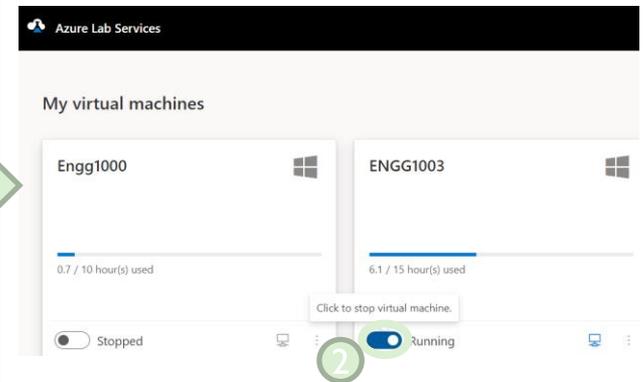
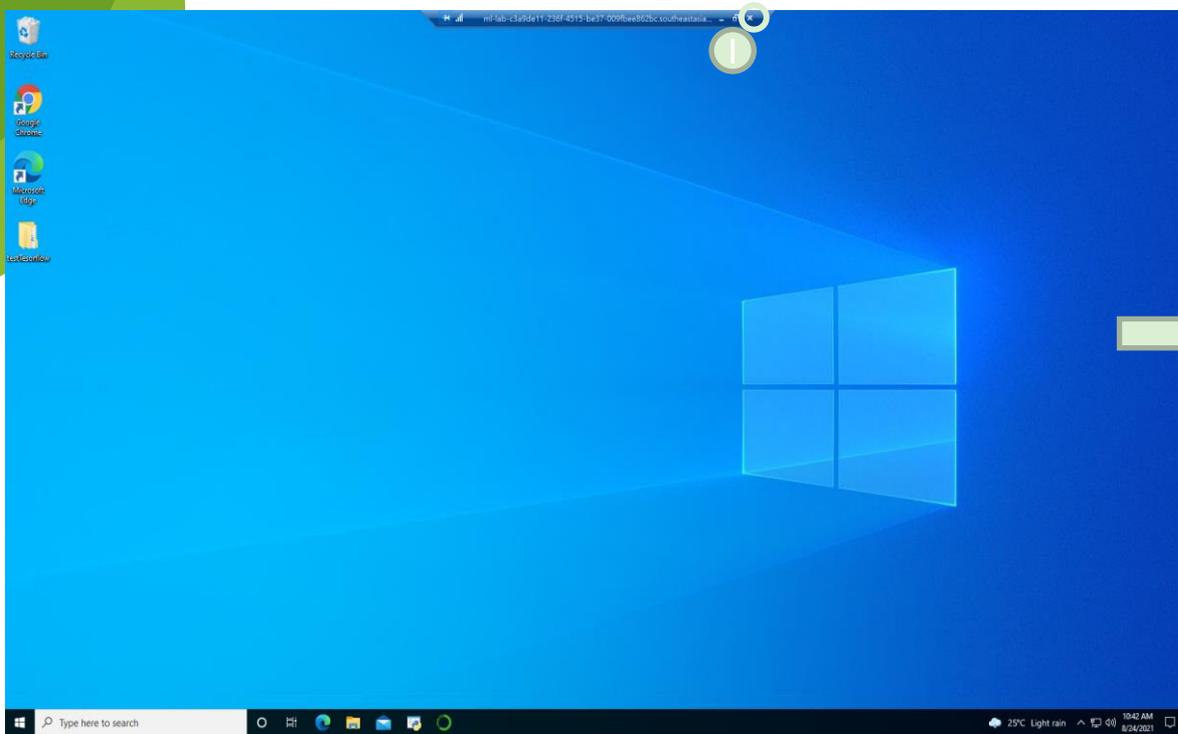


- ① Copy (Ctrl-C) the file from your computer

- ② Paste (Ctrl-V) the file onto any location of your VM, e.g. Desktop



Stop the VM



For Macintosh User

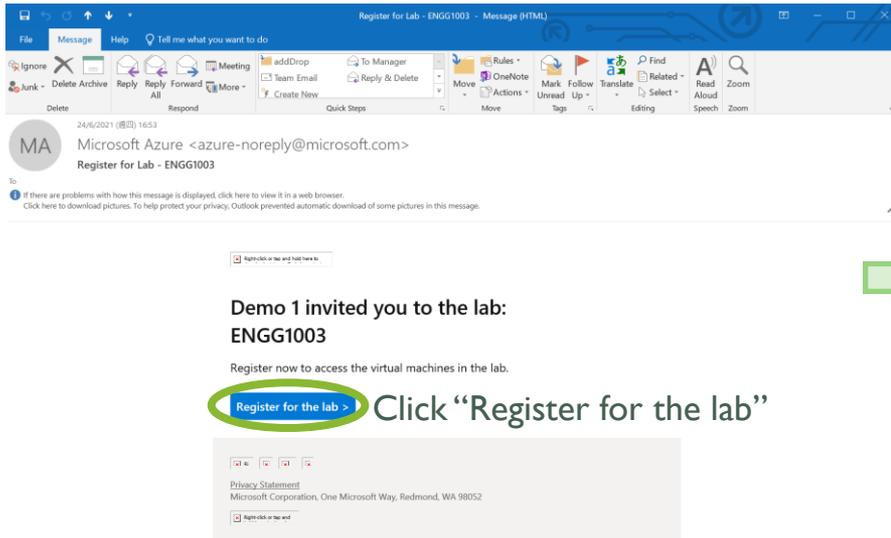
Download Microsoft Remote Desktop

- Download Microsoft Remote Desktop from App Store



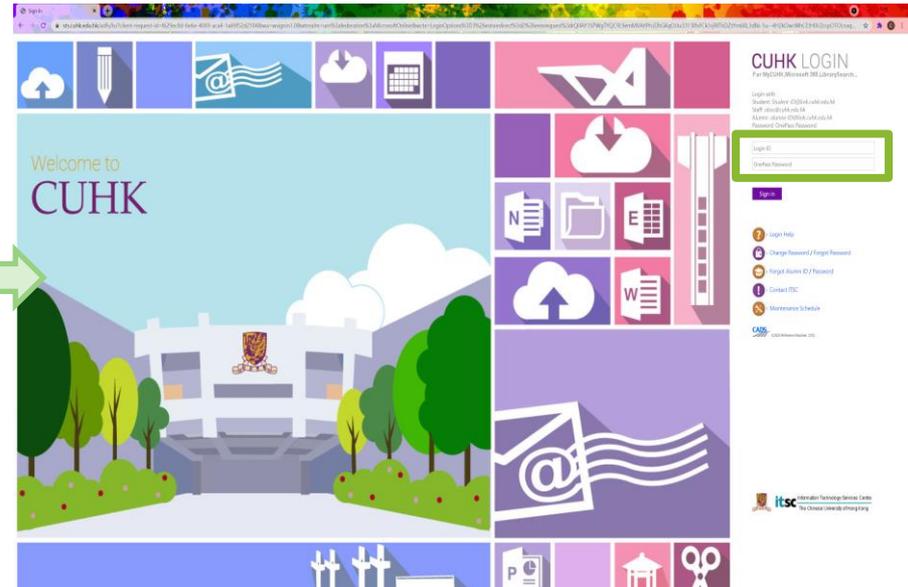
Setup the virtual machine

- You should receive an invitation email sent by Microsoft Azure, allowing you register for the lab



Click "Register for the lab"

Enter CUHK o365 account information



Start the VM

View all virtual machines in this pane

My virtual machines

Engg1000 ENGG1003

10.2 / 15 hour(s) used 5.3 / 15 hour(s) used

Stopped Stopped

ENGG1003

5.3 / 15 hour(s) used

Running

Click this button to start the VM.
This process takes some time.

Check the no. of hours spent on VM

Notes: DON'T use Internet Explorer 11 to browse Azure Portal! Use other web browsers such as Firefox, Chrome instead

Connect to the VM

- Set the password for the VM

ENGG1003



2

Set your VM password when you use VM for the first time
DO NOT use OnePass or other password!

5.3 / 15 hour(s) used

Running



Set password

Enter a new password to be used when logging in. Setting the password may take several minutes.

Username

dlct

Password

Set password

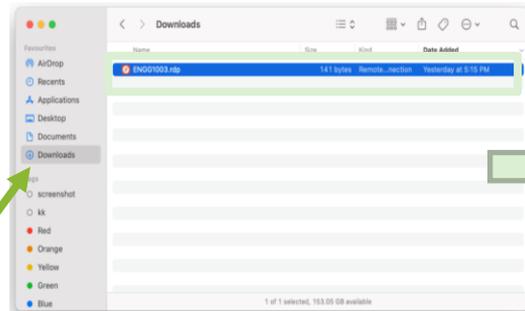
Cancel

Connect to the VM

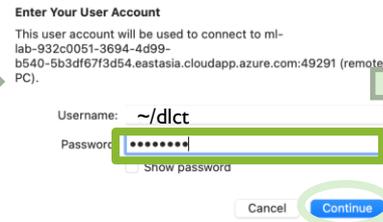
ENGG1003

5.3 / 15 hour(s) used

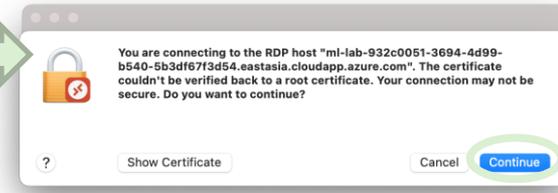
Running



3 Enter the password which you just set for the VM



4 Click "Continue"



5 Click "Continue"

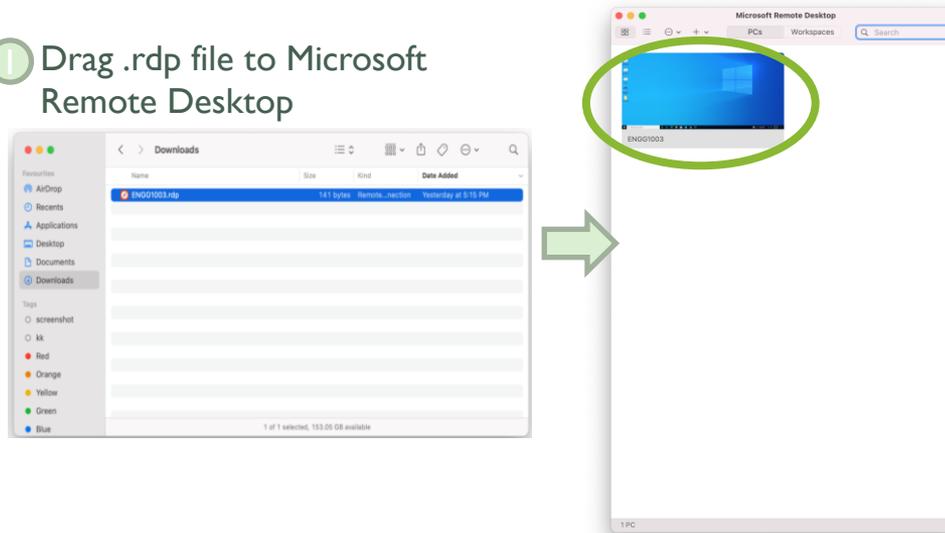
1 Click the icon again to download the RDP file

2 Open the RDP file

Save the rdp file to Microsoft Remote Desktop

2 Open the rdp to launch the VM

1 Drag .rdp file to Microsoft Remote Desktop



Remember to start the VM on Azure Lab Portal every time before opening the rdp file when you use VM

File sharing across VM and computer

- For example, copy the image from your computer to the VM.
- (You can do the reverse to copy document from the VM to the computer)

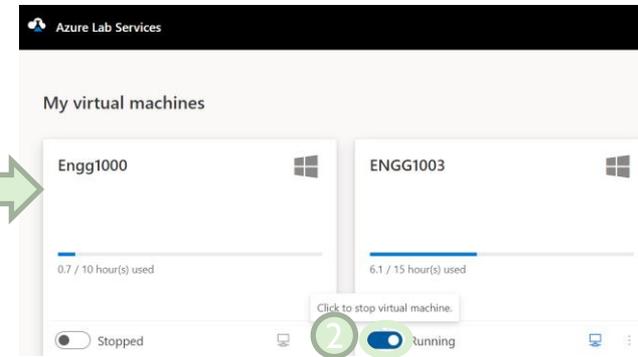
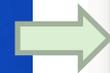
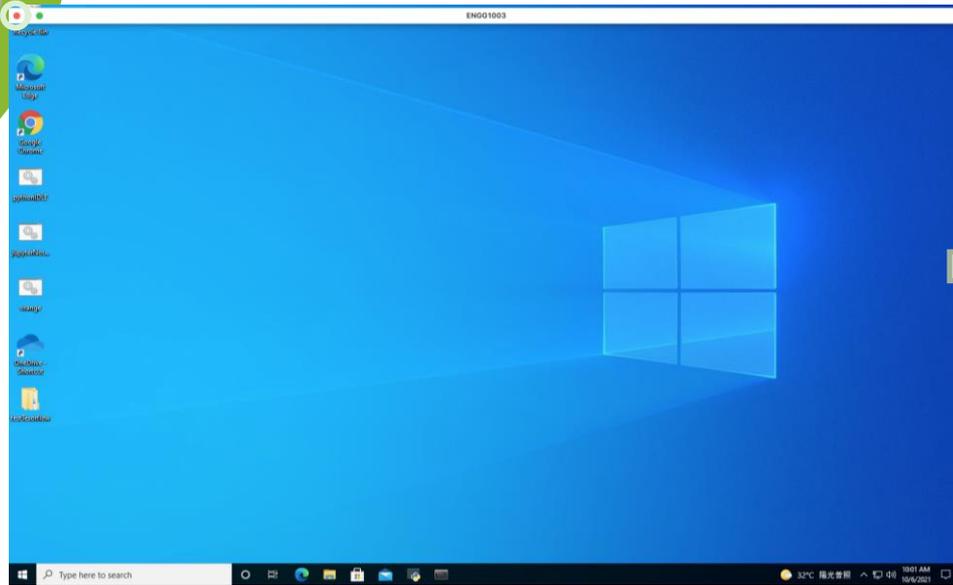
- ① Copy (⌘-C) the file from your computer



- ② Paste (Ctrl-V) the file onto any location of your VM, e.g. Desktop



Stop the VM



References

- **How to access a classroom lab in Azure Lab Services**
- <https://docs.microsoft.com/en-us/azure/lab-services/how-to-use-classroom-lab>