



TNE10005/TNE60002 Network Administration

How To Connect and Use Azure Labs

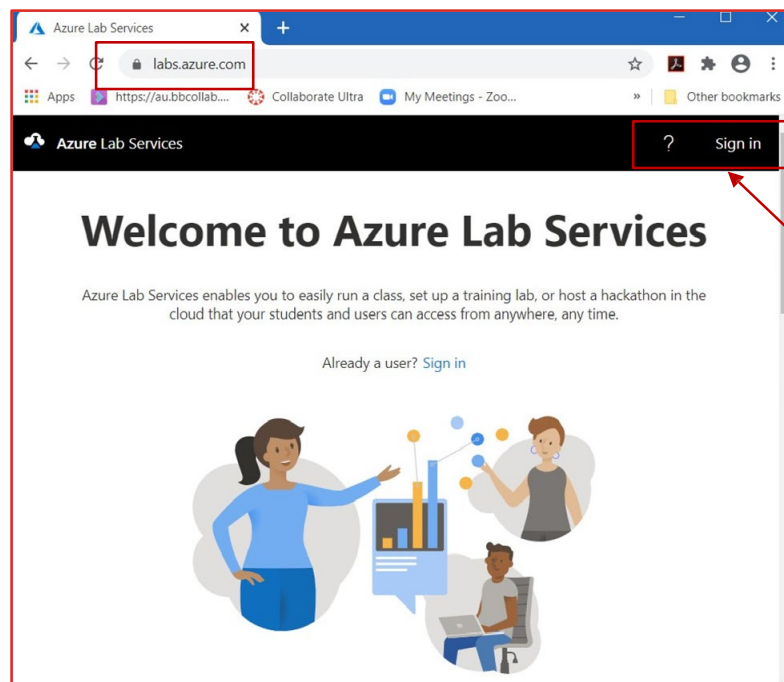
Introduction:

The Skills Assessment, the on-line lab, and any Covid-19 remote teaching will use Azure Labs for the laboratory infrastructure. This documents outlines the procedure students must follow to connect to this on-line infrastructure. Step 7 is important!

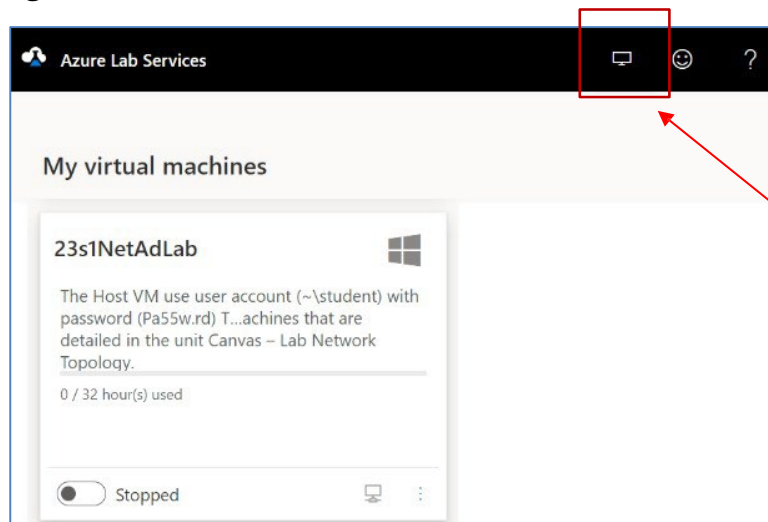
These instructions are written for Windows users. Mac users will need to download Microsoft's Remote Desktop app (Mac: <https://apps.apple.com/au/app/microsoft-remote-desktop/id1295203466?mt=12>). Unix/Linux users will need to find an equivalent app (e.g. Remmina <https://remmina.org/>). Please note, teaching staff are trained in Windows and hence may not be able to support students using other operating systems.

Steps for connection

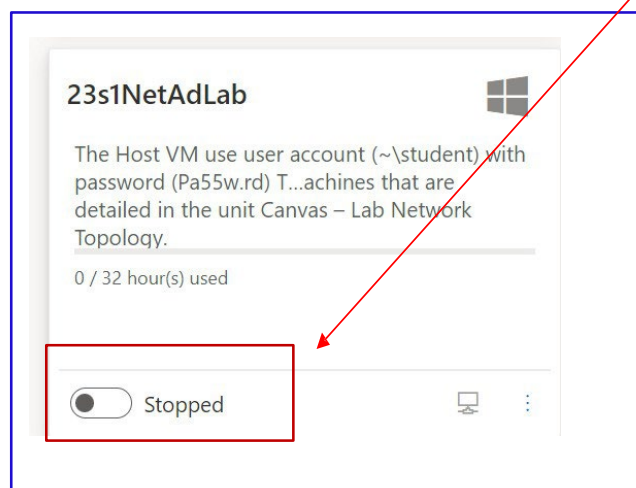
1. Go to <https://labs.azure.com>, and **Sign in** with your Swinburne email, i.e. xxxx@student.swin.edu.au




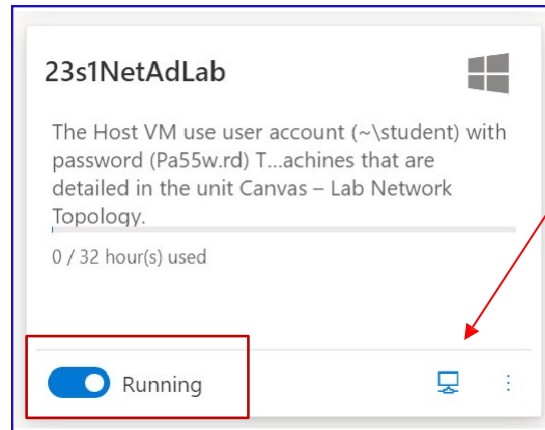
2. In the Azure lab Services window, *click* to access the **My virtual machines** at the top right hand corner.



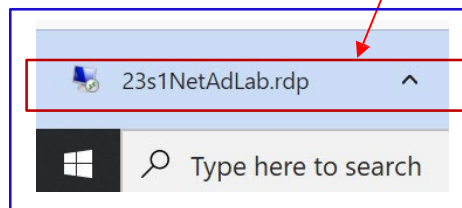
3. Each student is assigned a host virtual machine in the **24s1NetAdLab** (TNE10005 students) **or 24s1NetAdLabE** (TNE60002 students). *Click* to start your host virtual machine.



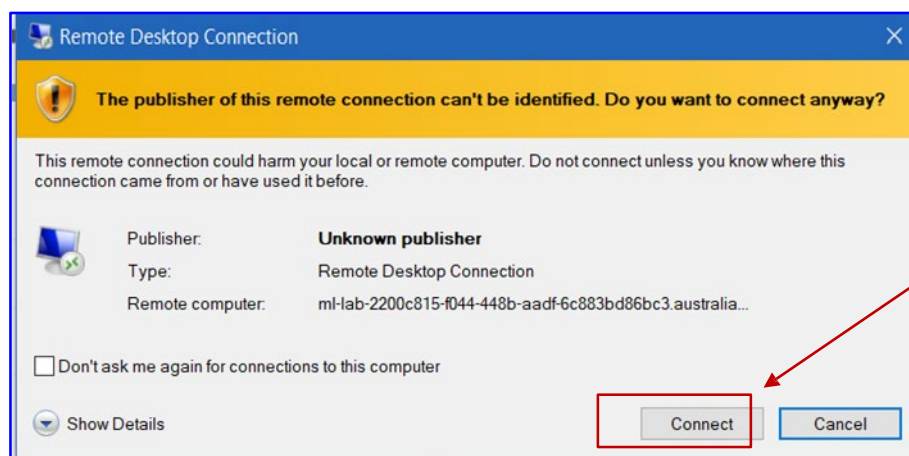
4. After the virtual machine shows the **Running** status, *click on*  to download the **RDP** file.



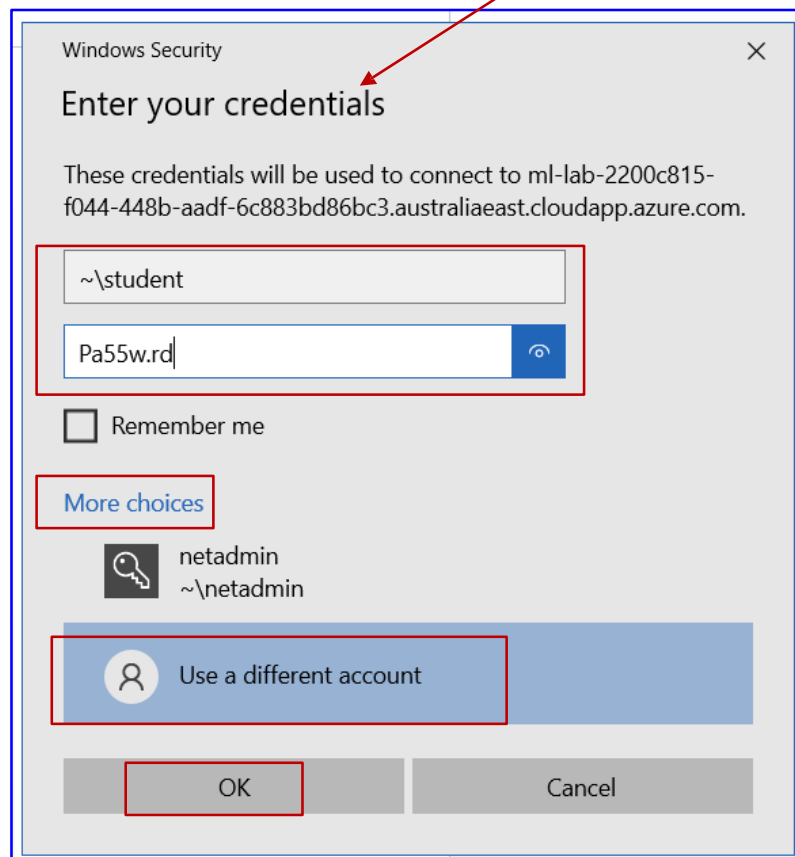
5. After the **RDP** file is downloaded, *double-click* it to launch the Remote Desktop Connection (at the bottom left corner of your desktop) to remotely connect to your host virtual machine.



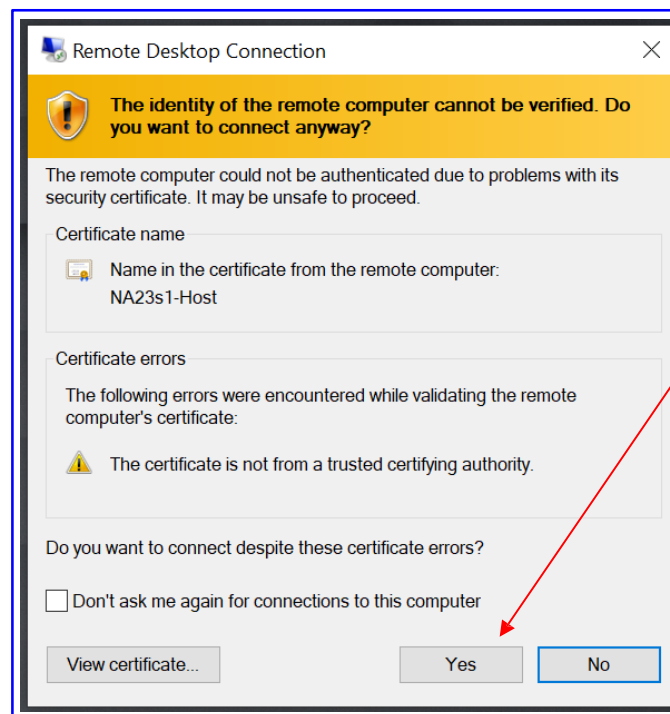
6. In the **Remote Desktop Connection** dialog box, *click* **Connect**.



7. In the **Windows Security** dialog box, *click **More choices***, select **Use a different account**, then *type* in user account (**student**) and password (**Pa55w.rd**), and *click **OK***.



8. Click **Yes** to ignore the warning of Certificate errors.

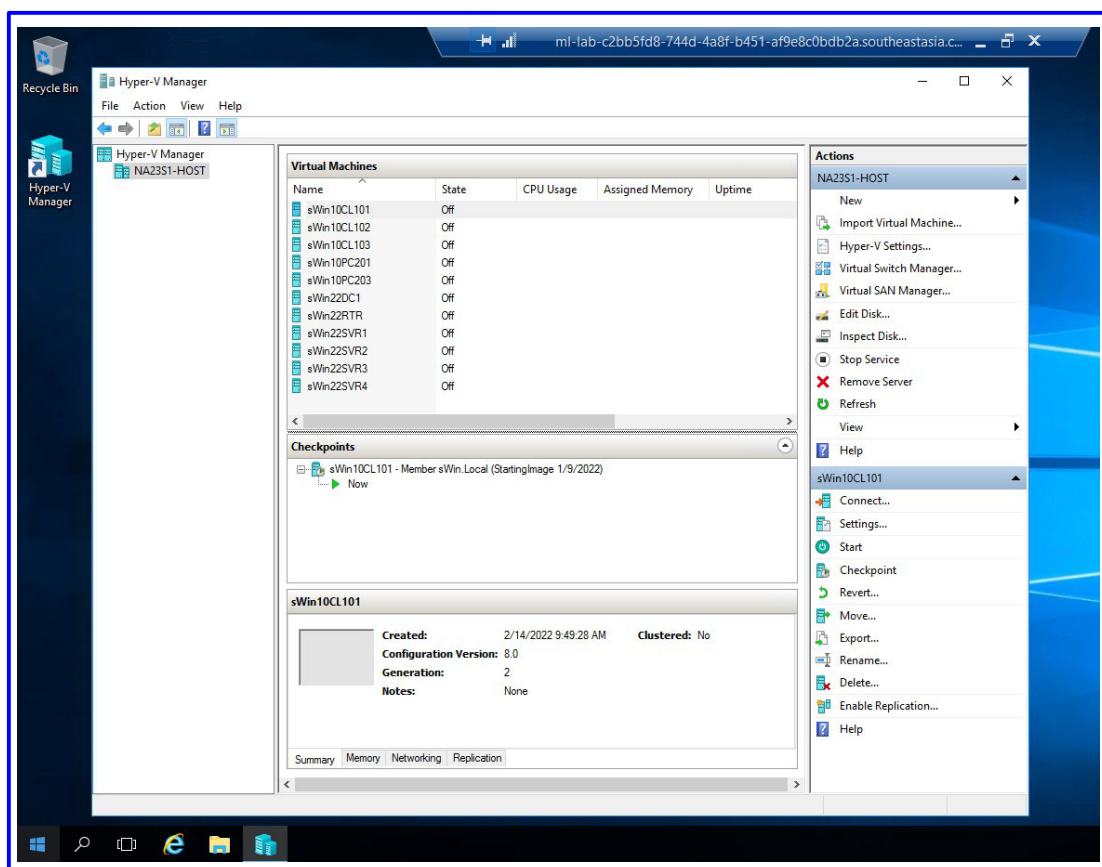


9. You are now logged in to your Host virtual machine. On the virtual machine's desktop, *click* to launch **Hyper-V manager**.



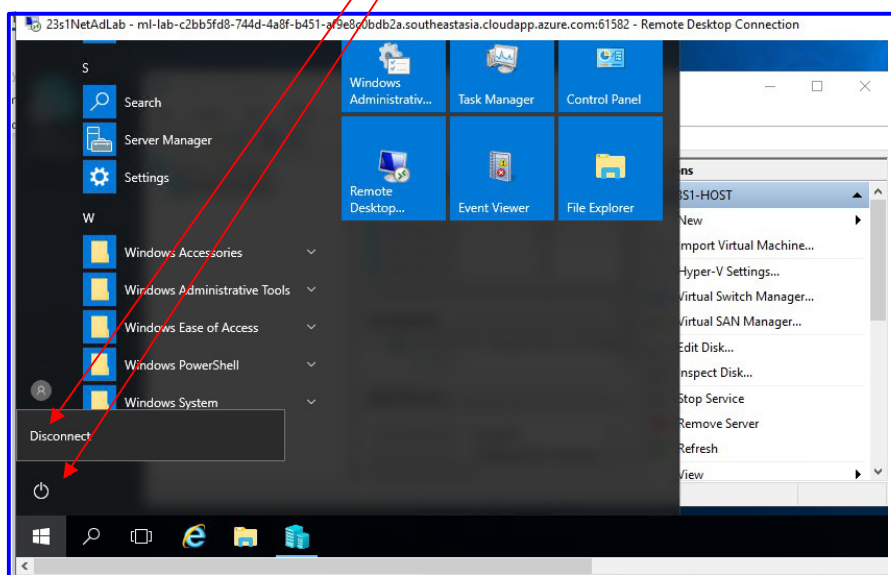
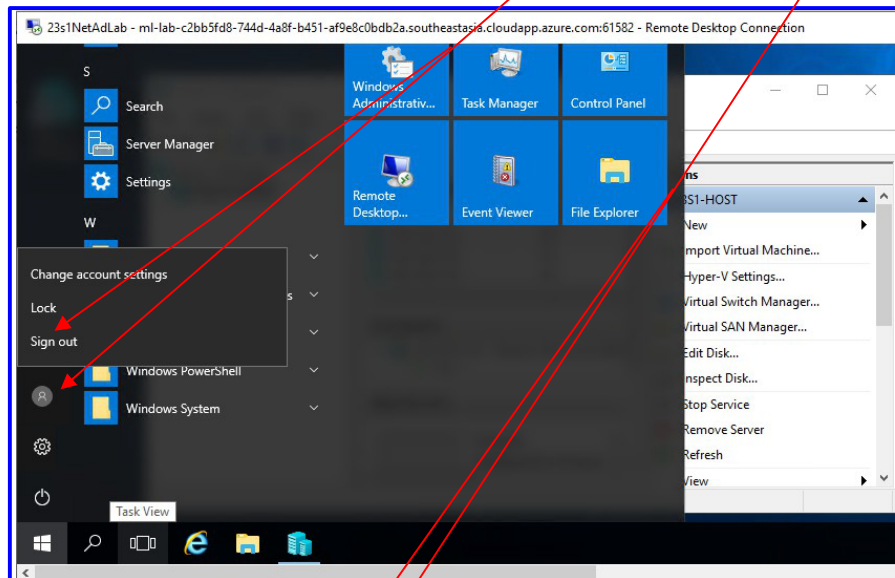
10. Within the Hyper-V Manager windows, there are several guest virtual machines:

- sWin22DC1: a domain controller in the sWin.Local domain
- sWin22SVR1: a member server in the sWin.Local domain
- sWin10PC201: a Windows 10 computer in workgroup
- etc.



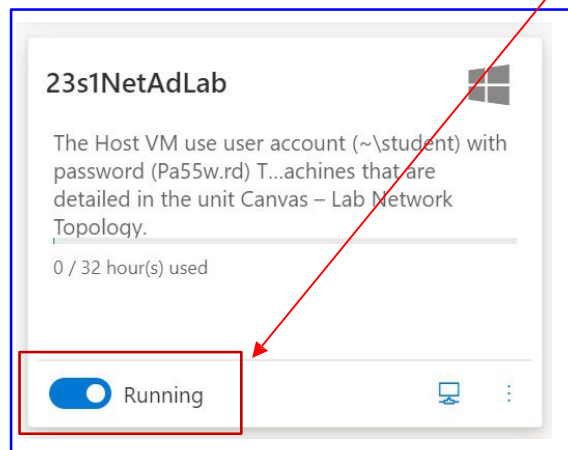
The guest virtual machines deployed in Azure labs are based on the Network Administration – Lab Topology.

Once you are done with practising, either **sign out** or **disconnect** from the host virtual machine.



11. Each student is assigned **a limited usage quota of hours**. The quota varies on whether you are allocated to an on-line lab or an on-campus lab. If you exceed your quota, you may not be granted an extension of usage quota, and therefore may not be able to sit your Skills Assessment.

In order to preserve your quota for your Skills Assessment, please ensure you stop your host virtual machine after completing your practice.



Please seek teaching staff for clarification and assistance during your lab sessions when in doubt of connecting/disconnecting to/from the Azure lab.

~~~~~ *End of Instructions* ~~~~~