

## PARADIM Summer School Virtual Machine Introduction

### Summer 2021

You will be using Microsoft Azure Virtual Machines (VMs) to run the notebooks we have provided for the summer school tutorial sessions. These VMs have everything you need preinstalled. If you would like to run these notebooks after the summer school, you can access all the installations through [github](#)

1. Before starting, a few comments about the virtual machines:
  - The VM is yours alone and not shared with other students, but each student VM starts with the same configuration including software and data.
  - The VMs take a few minutes to start up so they are setup to start running before each tutorial session begins, but you will need to turn them off when the session is over. Keep in mind that the VMs will turn themselves off after 30 minutes of idle time so if you walk away from your work you may have to restart your VM.
  - You will have an initial allocation of time for working on the VMs during offline hours, we may be able to extend this allocation if you need more time.
2. You will access the VM using Remote Desktop Protocol (RDP). You can do this using the Microsoft Remote Desktop App from the App store on either Mac/Windows. (link for mac [here](#), link for windows [here](#))
3. You should have received an email from Microsoft Azure inviting you to use the Virtual Machine, open this email and click: 'Register for the Lab'



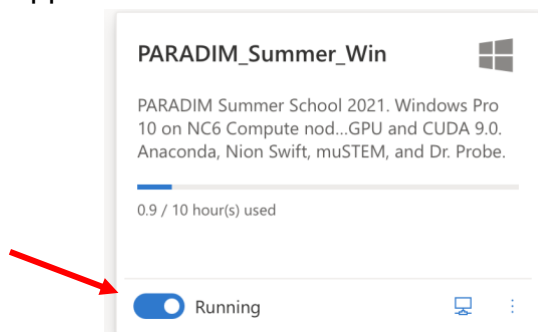
**David Elbert invited you to the lab:**  
**PARADIM\_Summer\_Win**

Register now to access the virtual machines in the lab.

Register for the lab >



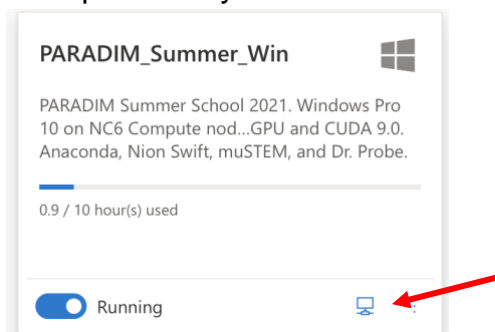
4. This will redirect you to the Azure Lab Services page and the virtual machine should appear: click on the switch to start the virtual machine



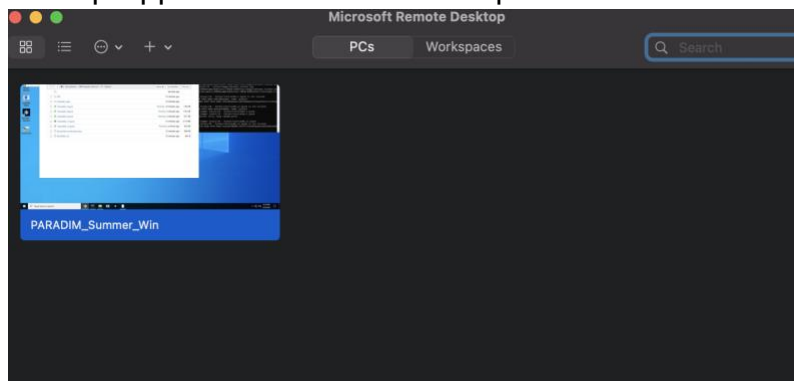
Notice that it will take a few minutes for the virtual machine to start up - this is normal.

**\*\*You will need to make sure you are logged into the Microsoft account that matches the email account where you received the Microsoft Azure invitation. If you have another Microsoft account that is logged in, simply switch accounts at the top right of the screen.**

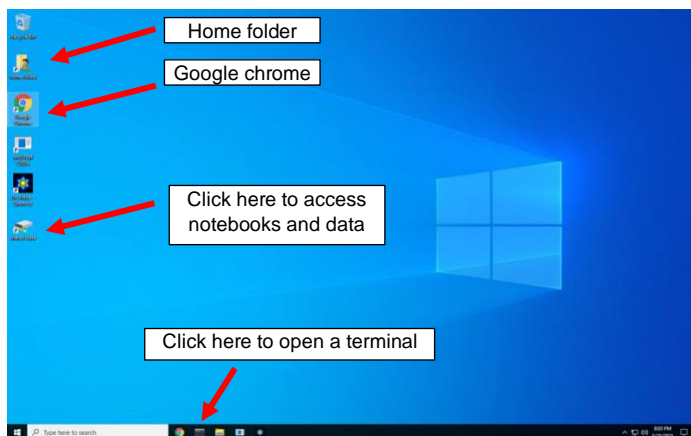
5. Click on the desktop icon on your virtual machine



This will download the rdp file which you can then drag to the Microsoft Remote Desktop App. It should then show up like this:



6. Once you have this done and the VM running: click on the VM through the Microsoft Remote Desktop App as shown above. When prompted for the username and password, enter username: paradim2 and password: P@R@dim==
7. You should now be connected to the VM



8. Now that you have the VM running, open the shared data drive and your home folder from the desktop. Create a new folder under your home folder and title it 'Summer School Materials' or whatever you would like. Drag the Tutorial0 folder from the data drive into your local folder you just made in order to create a local copy to work from. Do not touch the original files in the shared data drive as this will overwrite the data in the drive.

