

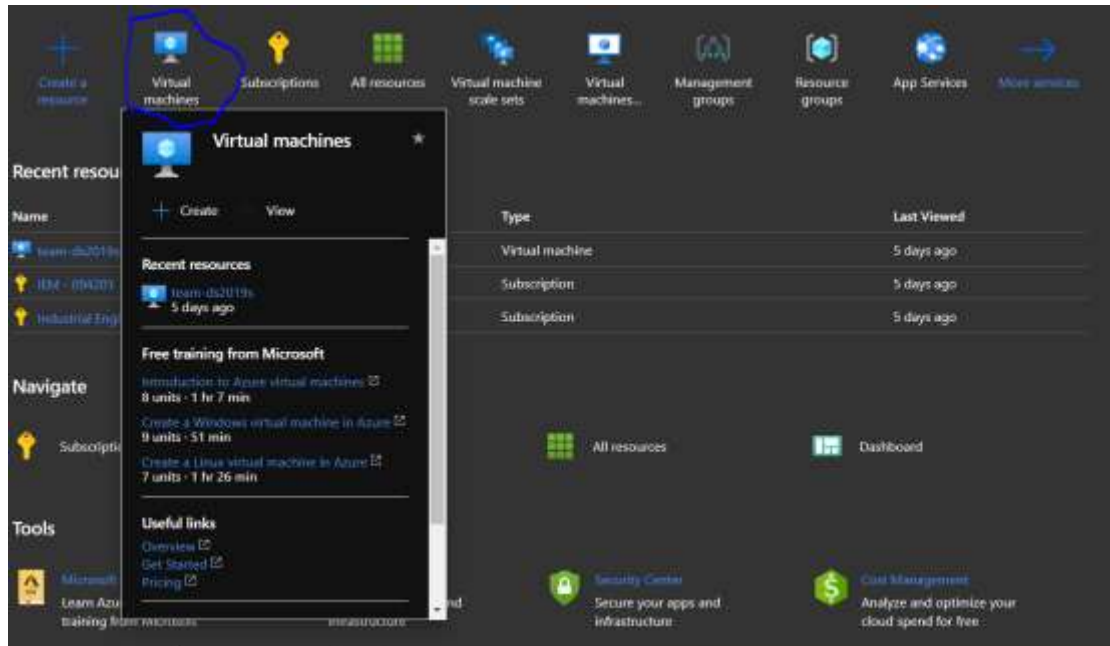
## Virtual Machine activation instructions

In order to activate your allocated virtual machine, use the following instructions:

1) Enter the Microsoft Azure portal - <https://portal.azure.com/#home>

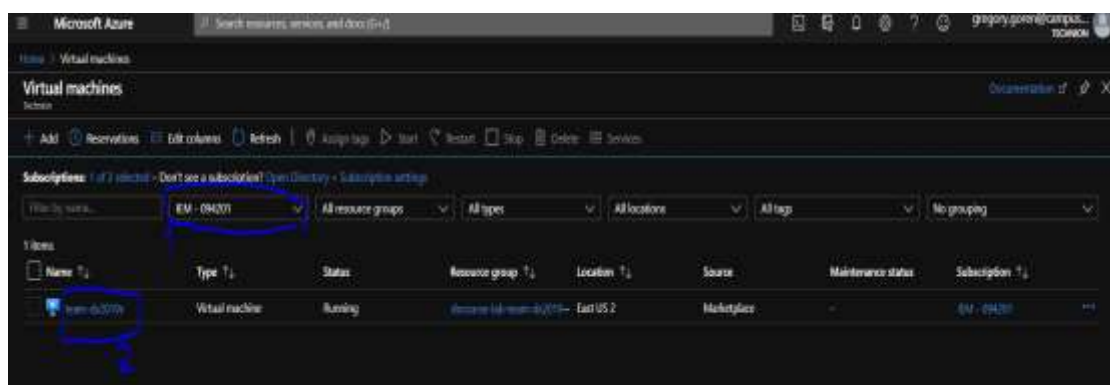
1.1) In order to login enter your campus mail and password (i.e. mail – [gregory.goren@campus.technion.ac.il](mailto:gregory.goren@campus.technion.ac.il) , password - <yourCampusPassword>).

2) In the Azure portal, click on the "Virtual Machines" button:

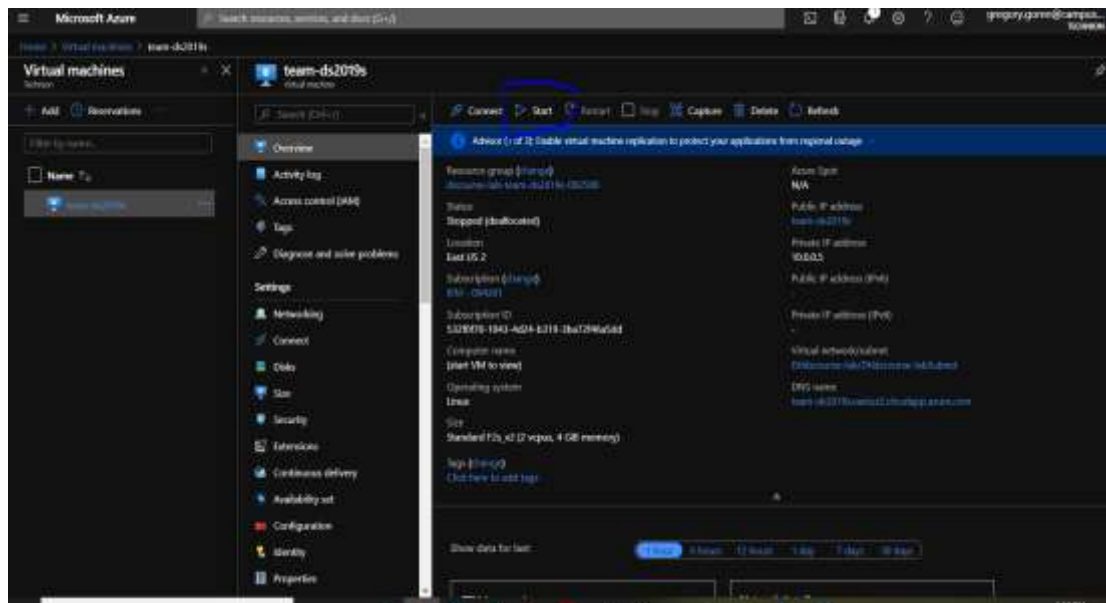


3.1) Select the course subscription (IEM-094201)

3.2) Click on your allocated virtual machine name



4) Activate the virtual machine:



Now your virtual machine is up and running. Just for some clarifications:

" In computing, a **virtual machine (VM)** is an [emulation](#) of a computer system. Virtual machines are based on [computer architectures](#) and provide functionality of a physical computer. Their implementations may involve specialized hardware, software, or a combination." (Wikipedia)

It all means that your virtual machine is basically an emulated environment of a computer systems which we will use in order to run our code on.

The following pages contain more instructions

## Login to virtual machine with Putty

- 1) First you must make sure you've got putty installed on your personal computer.  
Enter <https://www.putty.org/> and click on:

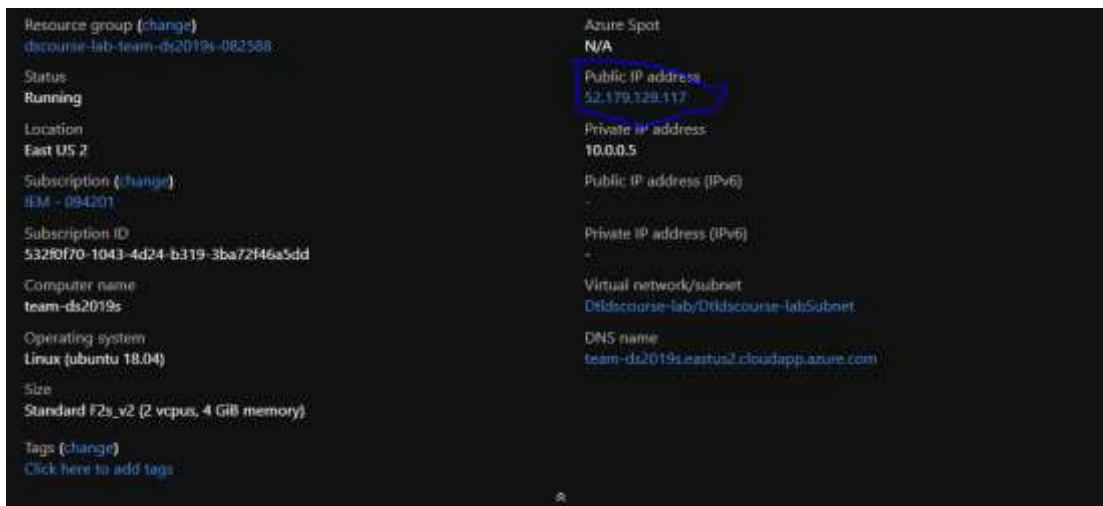


### Download PuTTY

PuTTY is an SSH and telnet client, developed originally by Simon Tatham for the Windows platform. PuTTY is open source software that is available with source code and is developed and supported by a group of volunteers.

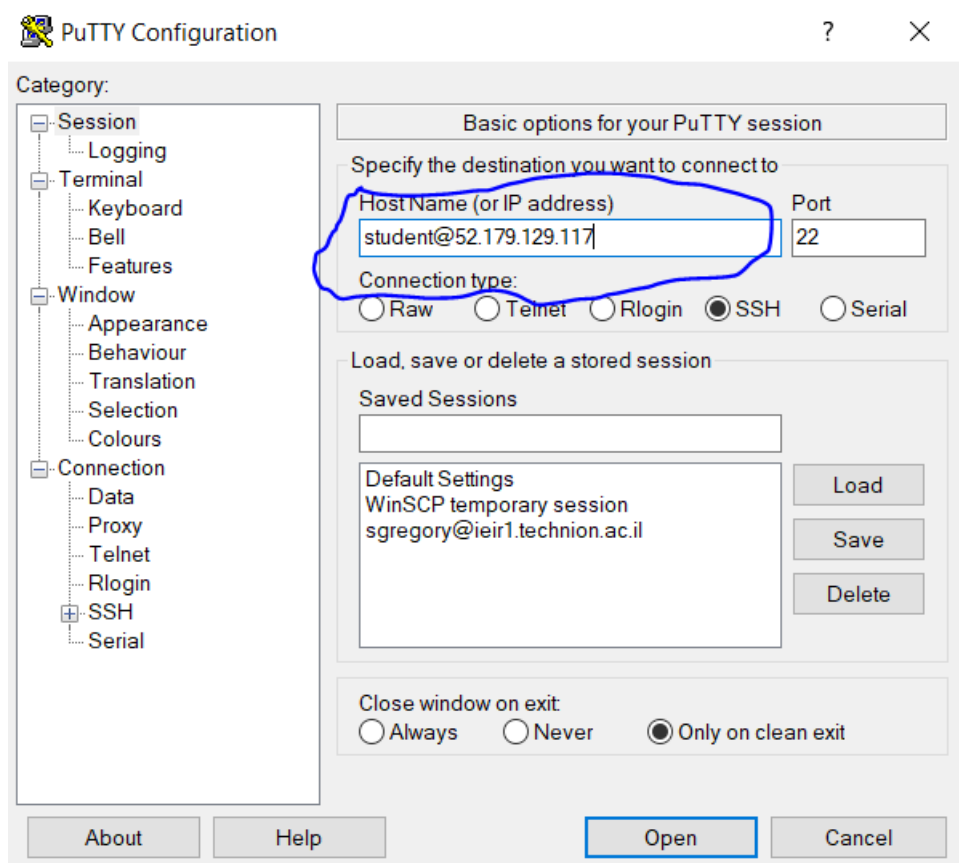
You can download PuTTY [here](#).

- 2) Install the software.
- 3) Now we would like to login to the virtual machine via Putty. Open the software and enter the virtual machine page in Microsoft Azure portal (See previous instructions).  
In the virtual machine page, you will see the IP address of the machine:



### Copy the public IP address

- 4) In order to login, your credentials are:  
Username – student  
Password - Technion2019!  
  
Enter the host in putty in the following way:



That is, <username@ip-address>.

Click on "Open"

- 5) First time you login into the VM with student user the VM will ask you to change password. Enter current password (**Technion2019!**) then your new password twice.
- 6) You are in! Now you can use the virtual machine terminal and run different Bash commands.

**Once you are done using the VM, press on the STOP button in the Microsoft Azure portal's virtual machine page.**