BDSP Dr. Muhammad Iqbal

Tutorial 12

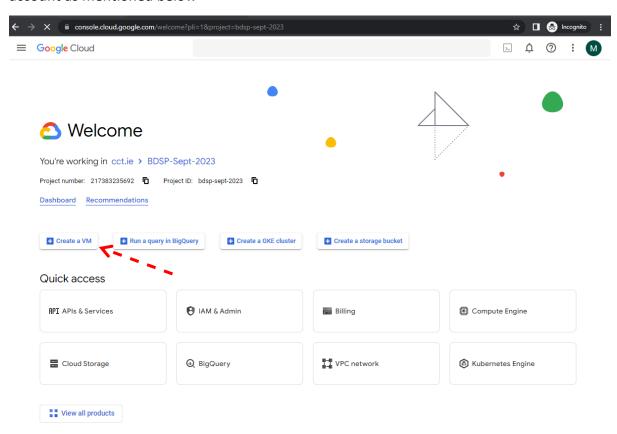
Google Cloud VM

- 1) Open a private browser (New incognito window in google/ New InPrivate window in Microsoft Edge) and log into your CCT student email address before google credit claim.
- 2) Open Moodle page and claim the google credits from the following link as

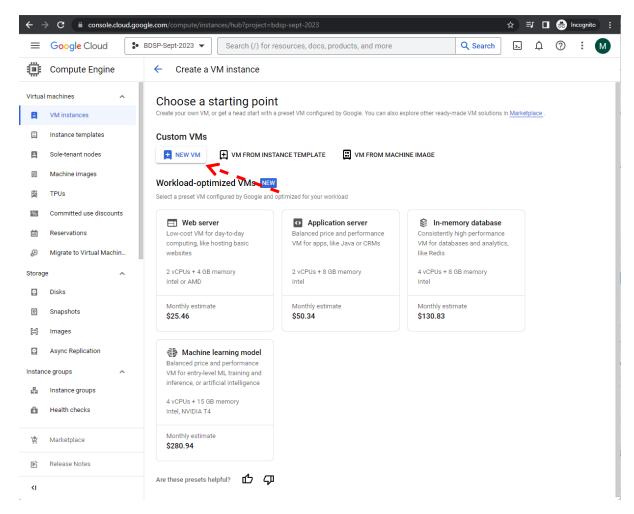
Claim \$50 Credit

Create a new project after successful claim of credits.

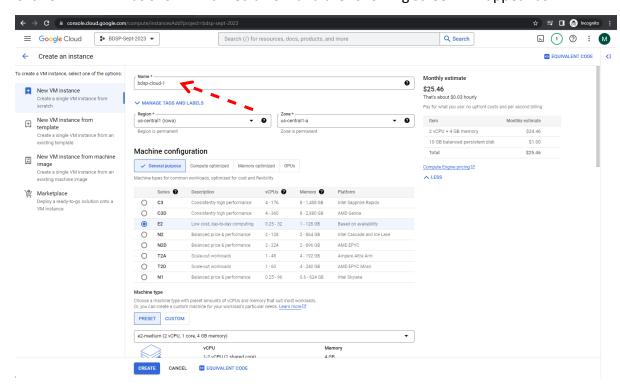
3) Open the google cloud link (console.cloud.google.com) and switch to your college CCT account as mentioned below



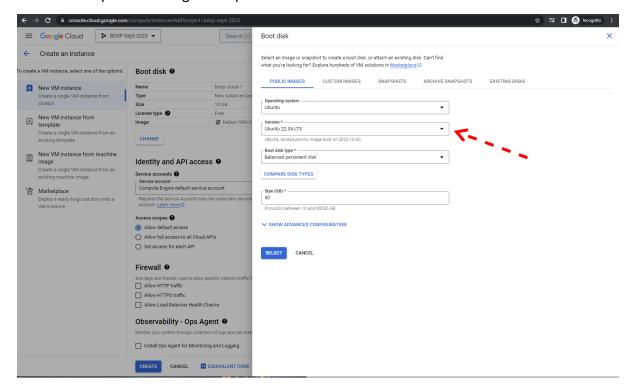
Click on the icon pointed by red arrow as "Create a VM" and the next screen will appear on your browser as



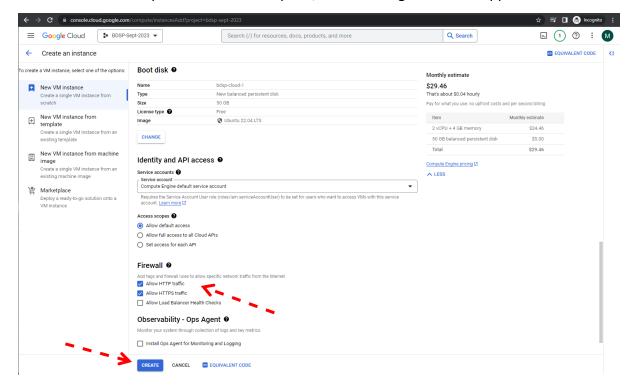
Click on NEW VM as shown with red arrow and the following screen will appear as



4) Provide your VM name in the box as pointed by red arrow. Scroll down the web page to see further options. Change the options in the **Boot disk** as shown below

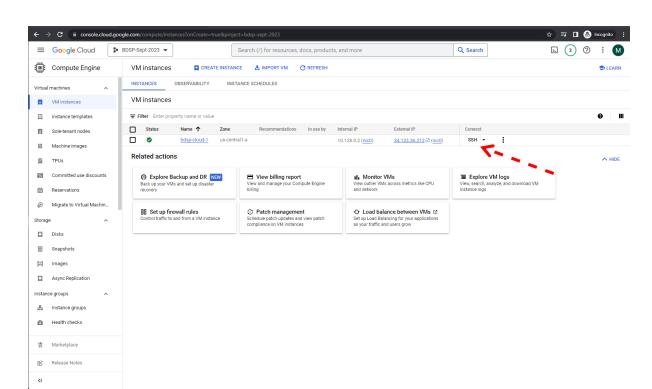


Change the Boot disk option from default "Debian" to "Ubuntu" and version will be X86/64 22.04 LTS. After all updates to Boot disk pane, the following screen will appear as



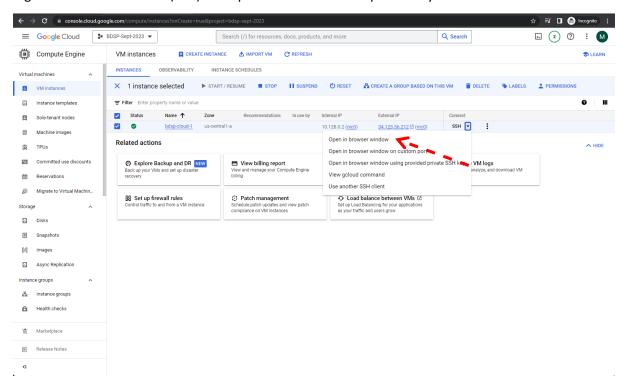
Check the two boxes under the heading of **Firewall** and press the button to create the VM. The VM is created, and following screen will appear as

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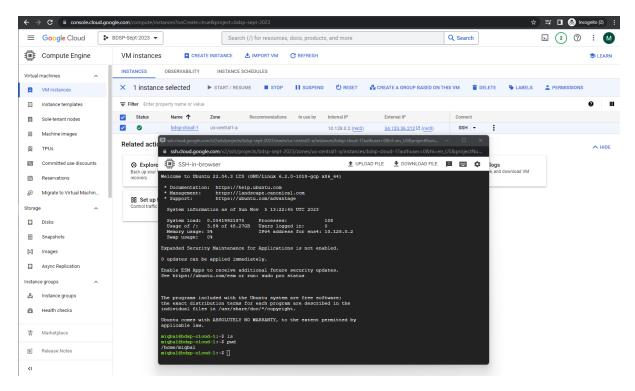


Right click on the connect (SSH) and open in the browser as pointed by the red arrow.

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This step takes some time depending on your internet connection.



5) Open the tutorial 2 (Hadoop Installation) and install Hadoop on the cloud VM.

References:

Google Cloud Education Credits for Students is appreciated for giving the CCT students a \$50 educational award.