ACM-BCB Intro to Application Containerization with Singularity

<u>Date:</u> 8/01/2021 Instructors:

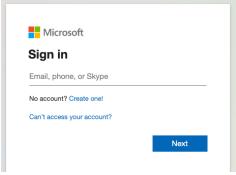
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Hello, and welcome to this tutorial is a primer on how to use the Singularity containerization framework to install customizable applications. Use the instructions below to connect to the Azure Lab environment for this course.

Course Lab Environment

***Note: In order to connect to our Azure Lab environment, you must sign-in with a Microsoft account. This could be your organizational Microsoft/Office 365 email account, a personal Microsoft account, or if you do not have one feel free to create one.

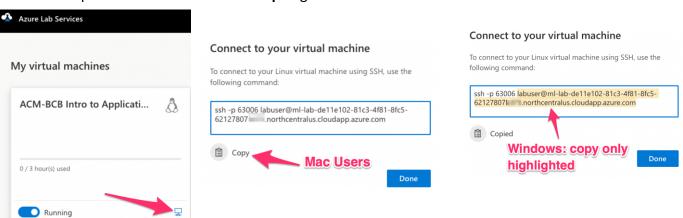
- 1. Connect to the Lab environment here: https://labs.azure.com/register/s9faxsnt
- 2. Sign-in with your institutional Microsoft/Office 365 account, personal, or sign-up for a new Microsoft account to sign-in.



3. Your VM should already be running. Click the computer icon in the lab preview box. Your custom ssh access command will be visible.

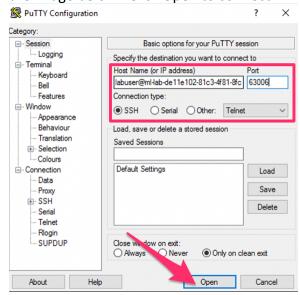
Mac Users only!!!: Click "Copy" to save the command to your clipboard.

Windows Users: Manually copy the highlighted portion below. Take note also of the 5 digit port number listed after the -**p** flag.



- 4. **Mac Users**: Open the Terminal app (Applications>Utilities>Terminal) or your preferred terminal app of choice on your Mac and paste in the command you copied previously.
- If prompted, type "yes" to accept the host ID and continue
 workstation1:~ labuser\$ ssh -p 63006 labuser@ml-lab-de11e102-81c3-4f81-8fc5-62127807b373.northcentral
 [The authenticity of host '[ml-lab-de11e102-81c3-4f81-8fc5-62127807b373.northcentralus.cloudapp.azure.
 [ablished.
 ECDSA key fingerprint is SHA256:sF6oeoaT6oJE0GOcEQf0KO7NdHV11fqPdumtCzIPzJA.
 Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Windows users: Using an app such as <u>Putty</u> or <u>MobaXterm</u>, paste in the previously copied labuser@ml-lab-de... hostname address in the Host Name box ensuring the connection type is SSH. Put in the 5 digit port number from the previous step. This likely will be a different number than the image below. Click Open to connect.



• If prompted, click "Accept" to accept the host ID then type the password acmBCB2021 to connect to your virtual machine

