

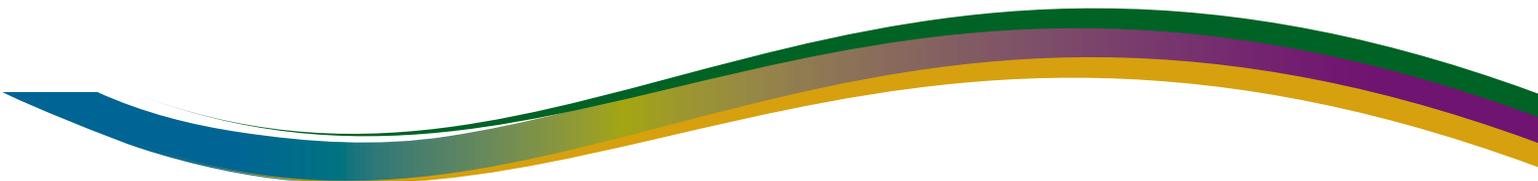


**SCOTTSDALE
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

CIS Cloud Access Guide

CSC240 | Fall 2020



CSC240 Access Information

The following guide will refer to your login credentials (**UID** and **password**) which will allow you to access the CIS Cloud and VMware software to access your Virtual Machines (VMs).

CIS Cloud User Credentials

1. UID

Your user ID (**UID**) is in the format of your first initial combined with your last name. For example, a student named **John Smith** will have the UID *jsmith*.

2. Password

Your password is the same as your **MEID**, which is typically the first 3 letters of your first name followed by a seven digit number. For example, **John Smith** may have the **MEID** *joh0123456*.

-- Troubleshooting --

If you have any issues connecting to the CIS Cloud or logging in to your VM, contact your instructor and they can help troubleshoot your issue.

Linux Credentials (case sensitive)

For CSC240 you will be issued one Linux (CentOS 7) VM which has been pre-configured with Gnu Compiler Collection, several text editors (Nano, Vim, Emacs, KATE), and other standard Linux utilities. Your user account information is below, if you wish to install additional applications you can do so using the YUM installer system from the Terminal. Your Student user has superuser privileges, so to run an administrative command you will use the syntax:

```
[student@CSC240student ~]$ su <command to run>
```

1. Student Account

Username: student
Password: student

CIS Cloud Access Guide

1. Overview

This guide describes the tasks you need to perform in order to access the CIS Instructional Cloud. The first step will be to download and install the OpenVPN client. This will allow you to remotely access the CIS Cloud private network. Once you are on the network, you will download and install the VMware Remote Console (VMRC) from the CIS Cloud FTP site. VMRC gives you remote access to log onto your VMs.

-- IMPORTANT --

If you have taken previous courses using the CIS Cloud, you should uninstall the OpenVPN client and the VMware Remote Console and then complete the tasks in this guide. The system has been updated, and you need the most current versions of these applications.

-- IMPORTANT --

1.1 Your user id (UID) and password

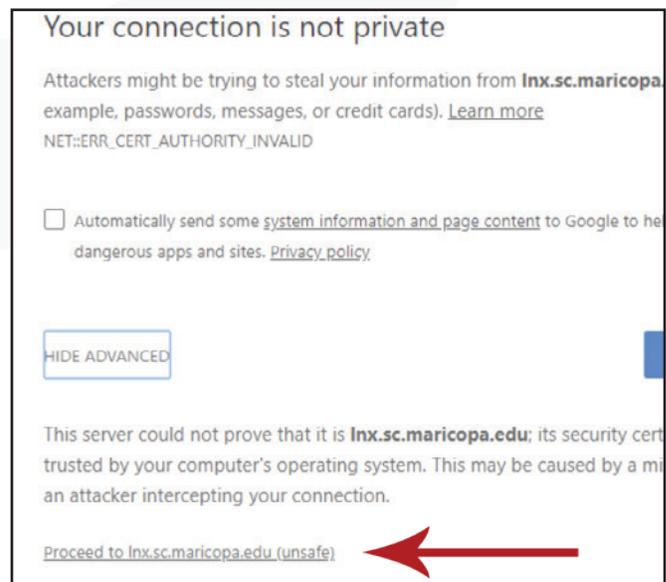
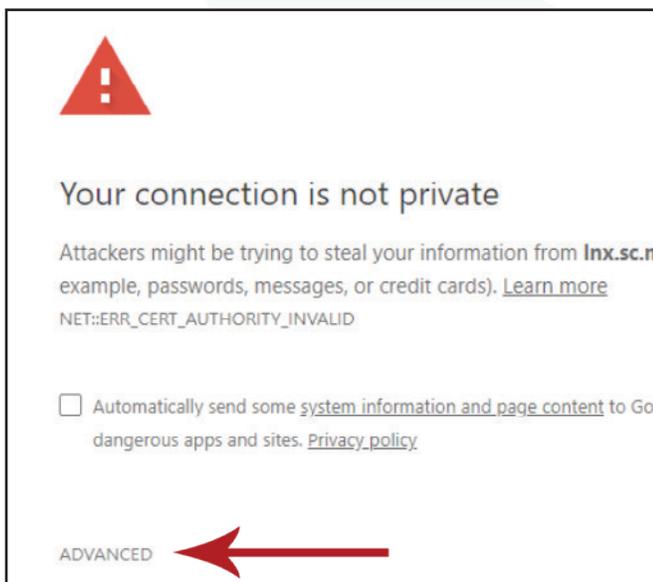
A user id (UID) and password has been created for you, please reference Page 2 of this document to determine your UID and password.

2. Preparing your computer for cloud access

The following steps assume that you have Windows 10 and that you will be using the Google Chrome browser. (A separate support document for Mac OS can be requested)

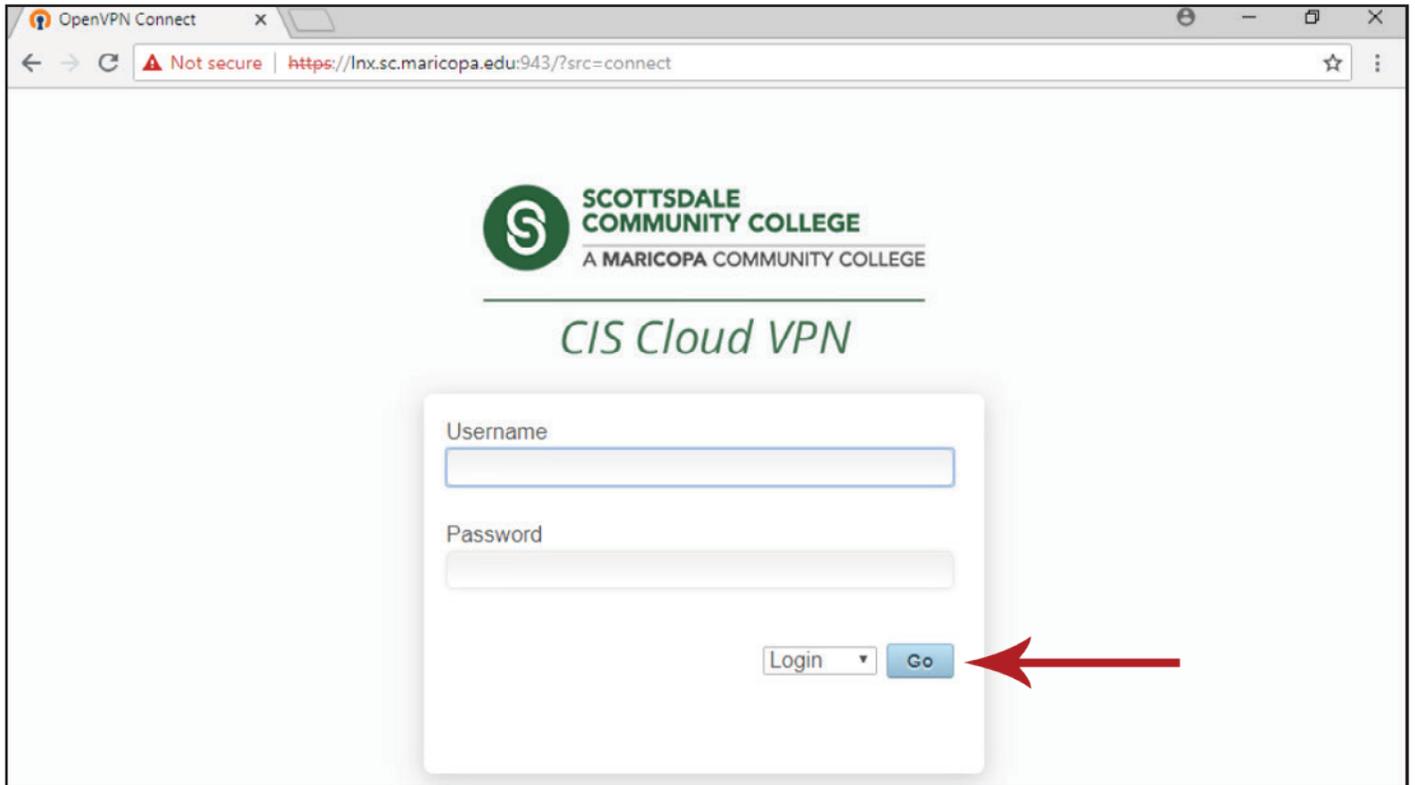
2.1 Download and Install the OpenVPN Client

1. Open the Chrome browser. Point the browser to <https://lnx.sc.maricopa.edu:943>. You will probably be taken to a warning screen telling you the connection is not private. Click on the "Advanced" link, and then click on the "Proceed to lnx.sc.maricopa.edu (unsafe)" link.



2.1 ...Continued

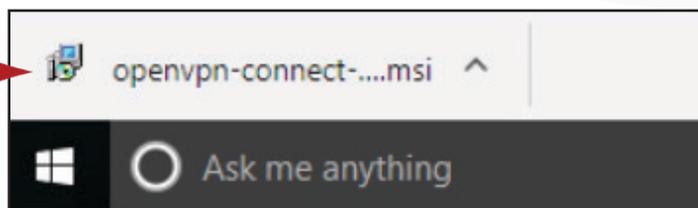
2. You will be taken to the OpenVPN login screen. Enter your **UID** and your MEID as the password. Press the “Go” button: (Keep **Login** as the drop-down selection)



3. The next screen contains a link to download the OpenVPN client. Click on the link for your Operating System e.g. Windows or Mac OSX:



The installation file will download:



4. Double click on the file to begin running the installer. If you receive the Windows Security Warning, select Run. Accept any defaults during the installation process. When the process has completed, you will have the OpenVPN icon on your desktop.

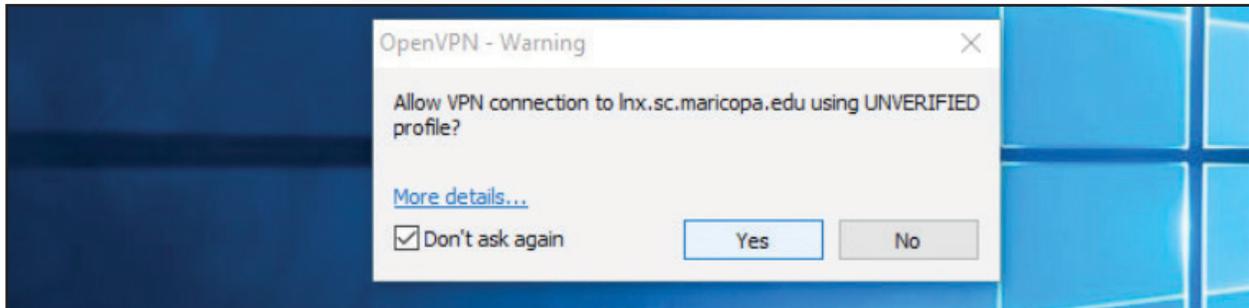
2.1 ...Continued

Double click the OpenVPN icon on your desktop to launch the Connect window. (If you do not have a desktop icon, check the tray on the lower right-hand side of your taskbar for the OpenVPN icon. Right-click the OpenVPN icon and click connect.)

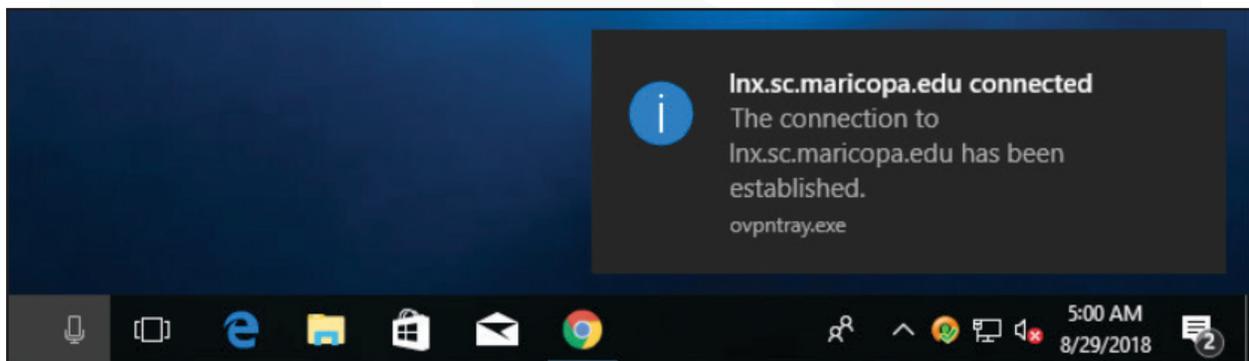


Enter your UID and your MEID password then press Connect.

5. The first time you connect, you may receive the following warning screen after you press Connect. Press Yes to continue to log onto OpenVPN and check the option for Don't ask again.



6. It may take 10-20 seconds for the connection to complete. When the connection has completed, you will see the following message in the lower right hand corner of your task bar:



2.2 Download and Install VMRC

Once you've connected to the OpenVPN network, you can access the CIS Cloud FTP site. In your Chrome address bar, enter <ftp://cisshare.ciscloud.local>

The root of the FTP site will be displayed:



2.2 ...Continued

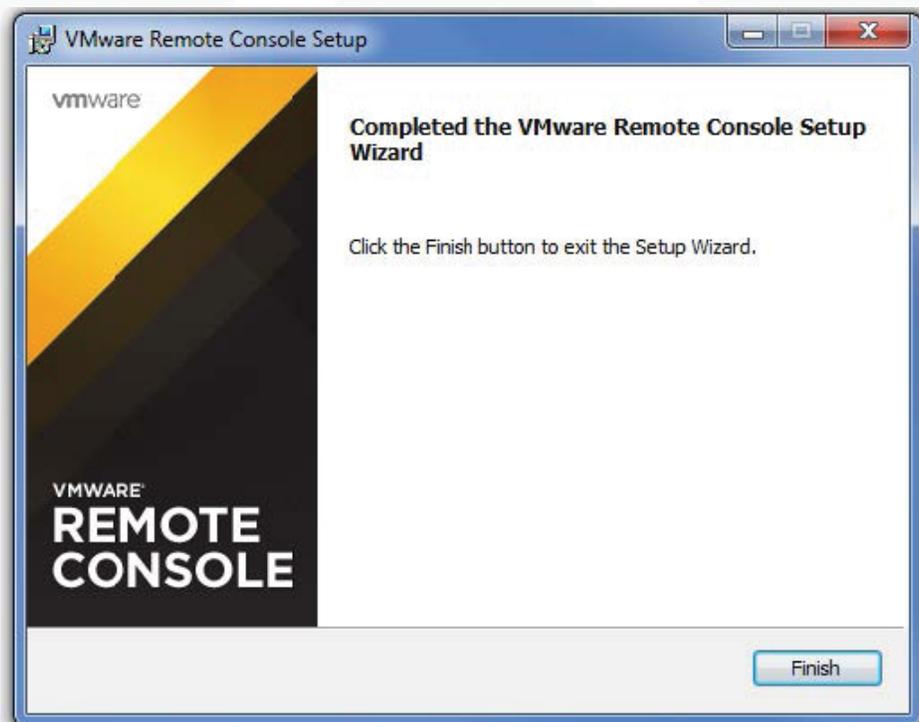
2. Click on the InstallVMRC folder which contains VMRC installation packages for three operating systems depending on your environment:

- If you have a Windows OS, download and install the .exe file
- If you have an Apple OSX, then download and install the .dmg file.
- If you have a Linux OS, download and install the x86_64.bundle file.

Click on the installer that corresponds to our operating system to download it.

3. Once the file has downloaded, double click to run it. If you receive the Security Warning, press the Run button. You will be guided through the VMware Remote Console Setup. Accept the End-User License Agreement, then continue through the screens, pressing Next to accept the defaults.

On the final screen, press Install to begin the installation. When the installation has completed, the following screen will appear:



4. Press the Finish button. VMRC does not have a desktop icon, but you can check to make sure it installed correctly by opening your Control Panel and navigating to Programs and Features (Windows).

VMware Remote Console should be listed in your installed programs.

5. You are now ready to log onto vCenter and access your VM.

VM Access Guide

1. Overview

This guide describes the tasks you need to perform in order to access your Linux VM.

The first step will be to log into the VMware client. This will allow you to view and access your virtual personal folder. Within your personal folder are your Linux VMs.

From this folder you can power on your VM and launch your remote access application, VMRC.

1.1 Your user id (UID) and password

You will use the same username (UID) that was created for you in the "CIS Cloud Access Guide." Your CIS Cloud password is your MEID.

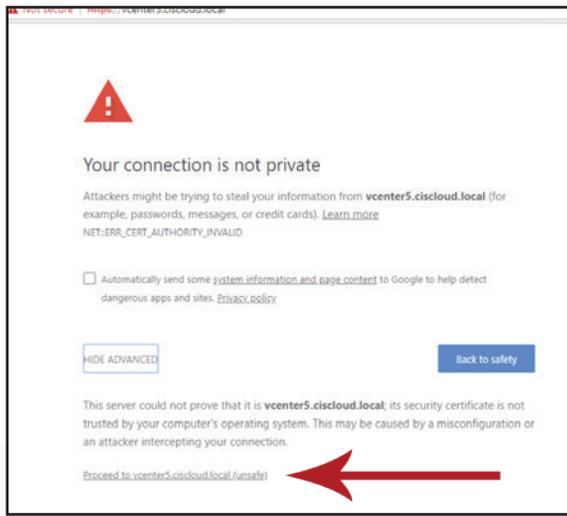
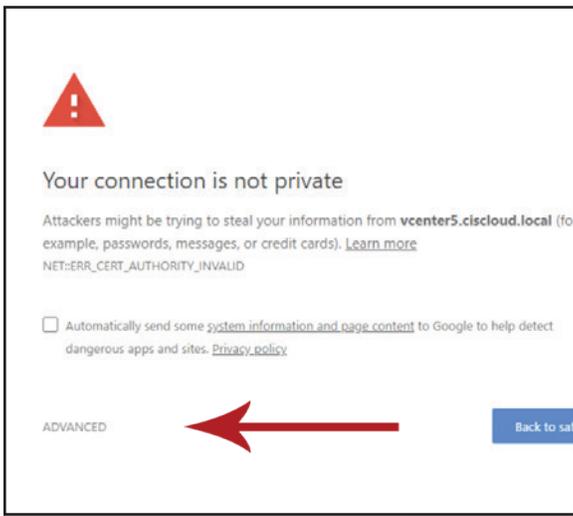
2 Accessing vCenter

1. Make sure you are still connected to OpenVPN. If not, log in again.
2. Point your Chrome browser to <https://vcenter5.ciscloud.local>

The vCenter Welcome page displays as shown below. It is recommended that you click on the link to login to the vSphere Client (HTML5) - partial functionality. This client is the most compatible version and does not require Flash.



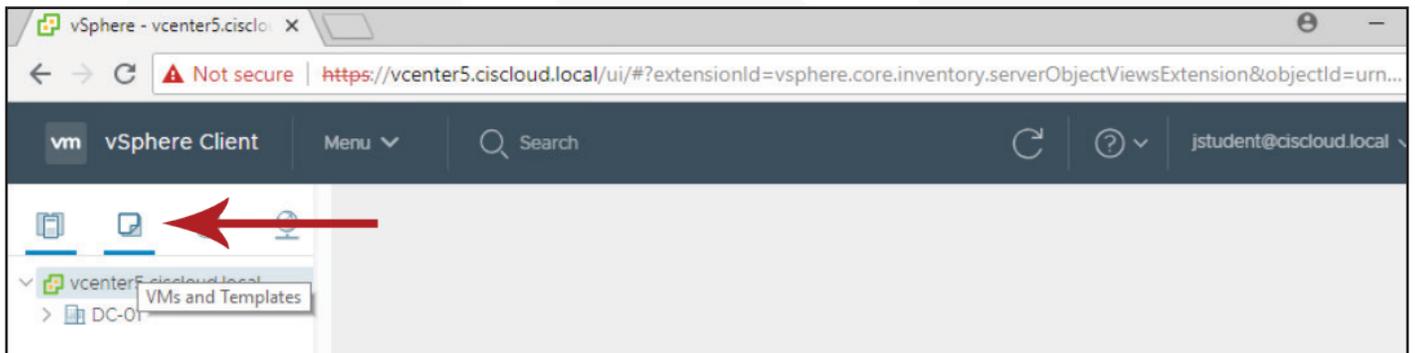
You will probably be taken to a warning screen telling you the connection is not private. Click on the "Advanced" link, and the "Proceed to vcenter5.ciscloud.local (unsafe)" link.



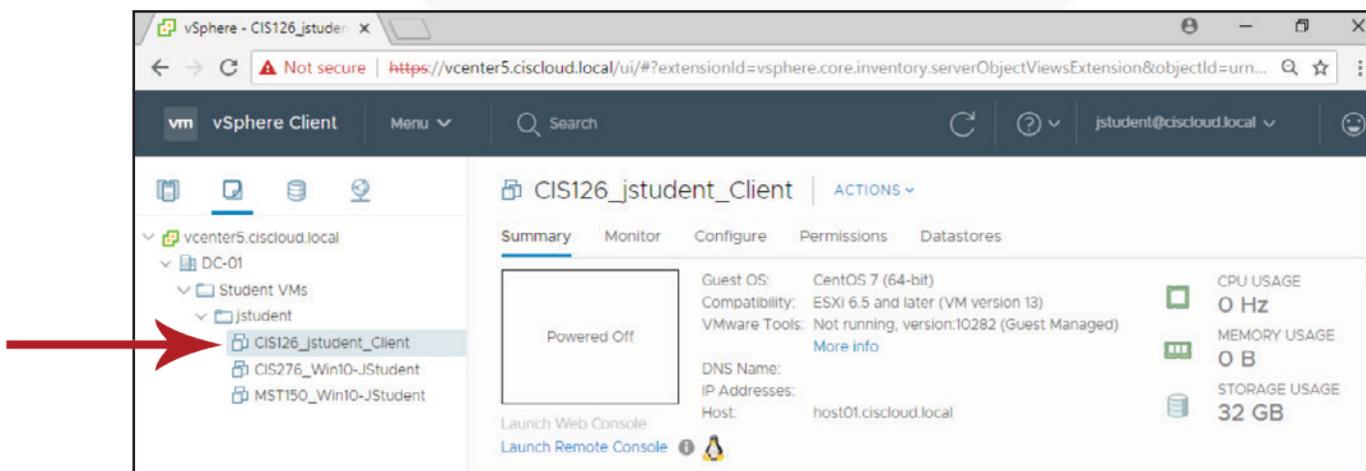
The VMware vSphere Client login screen will appear. Enter your UID and use the default C!\$\$tudent password.



When you first log on, you will be presented the following screen. Click on the VMs and Templates icon in the left panel:

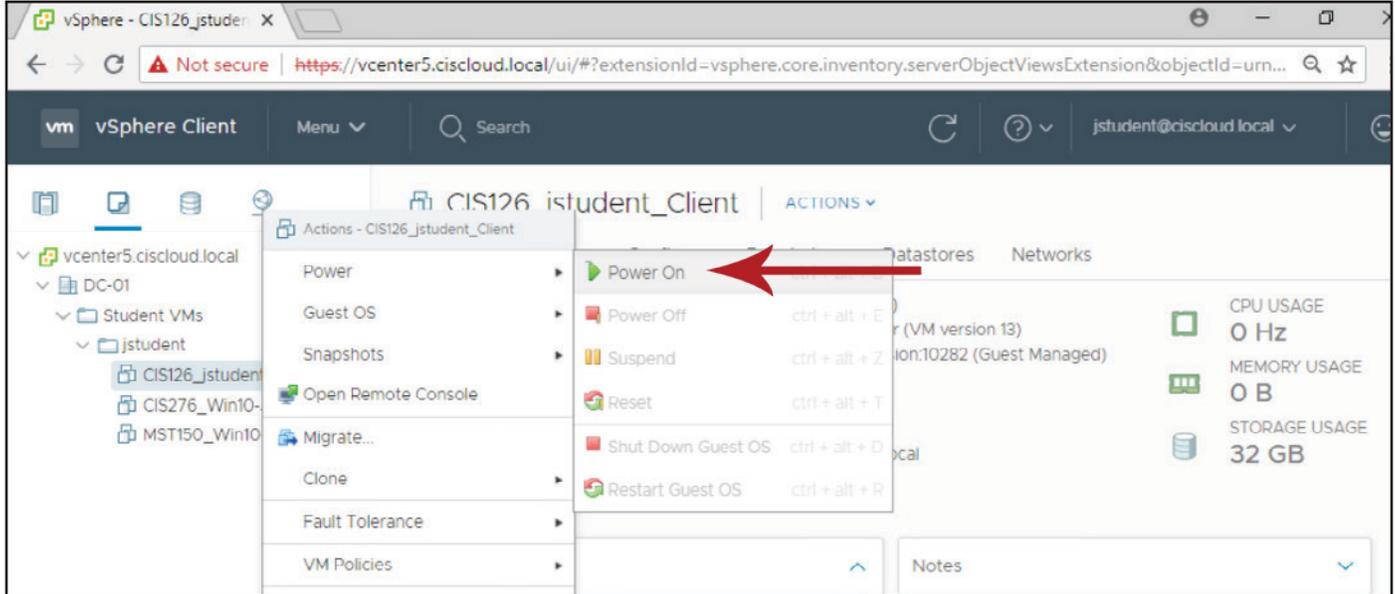


4. Once in the VMs and Templates view, click the arrows next to the objects in the left panel until your folder and your VM is exposed. Click on your VM to bring up its summary page:

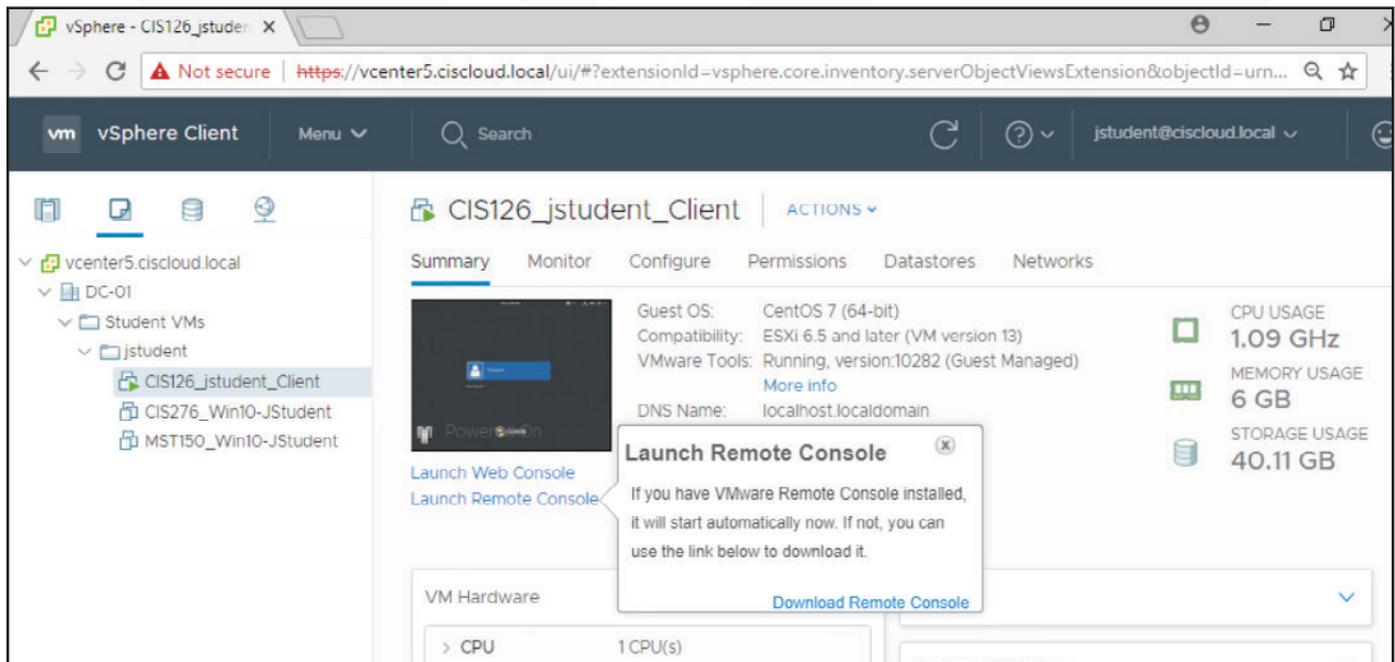


2. ...Continued

5. In the left panel, right-click on your VM and select Power->Power On from the pop-up menu:

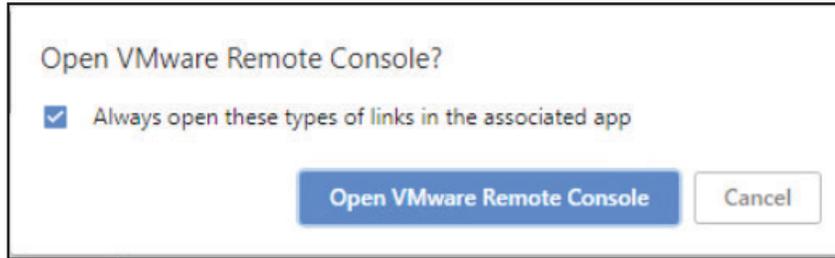


6. Click on the “Launch Remote Console” link in the Summary pane to launch the VMRC remote console that you downloaded in section 2.2. Ignore the message that appears with a link to download the remote console.

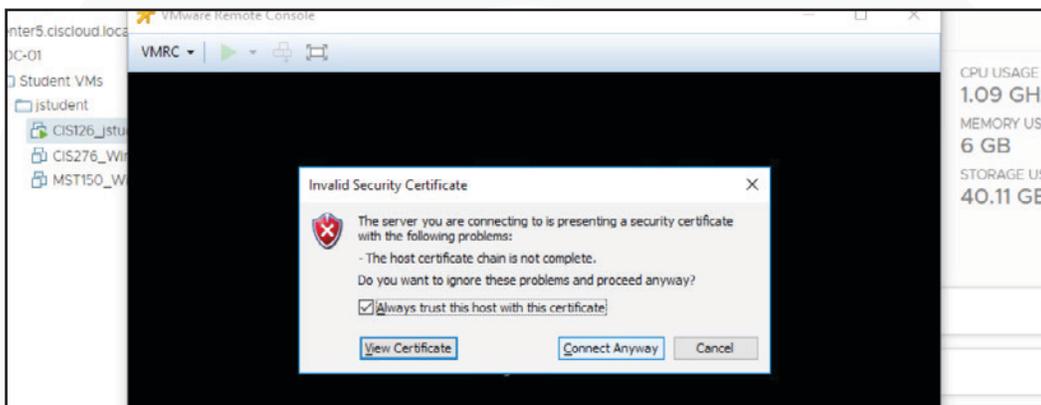


2. ...Continued

7. You will receive a few warnings once your VMRC window is launched. When the **Open VMWare Remote Console** dialogue box is displayed, check the box next to **Always open these** and click **Open VMWare Remote Console** button.



8. When you see the Certificate Warning, check the box for **Always trust...** and click the button to **Connect Anyway**. The VMRC Console will open with your VM loaded.



9. Your Linux VM should look like this. Log in with the *Student* account and *student* password.

