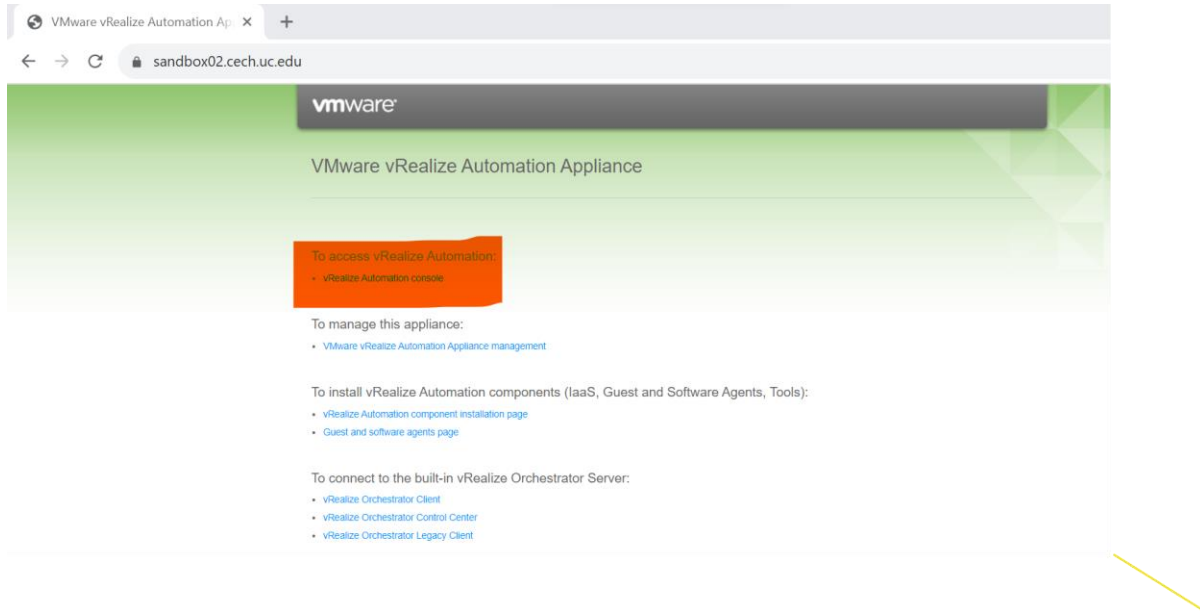
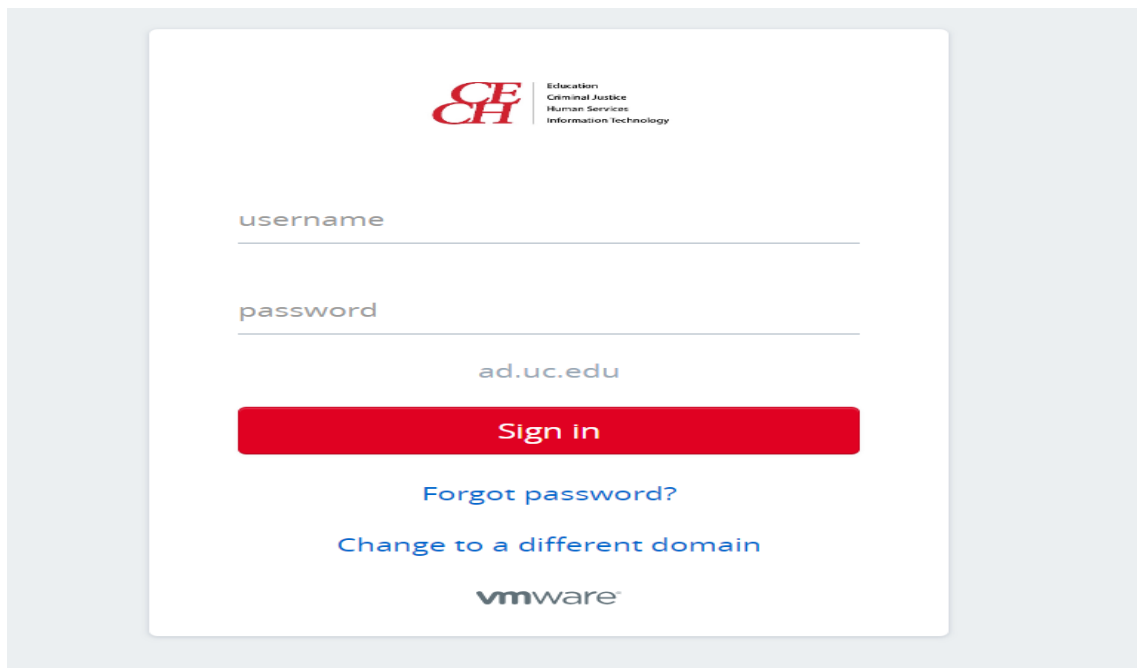


## Environment Setup for OCRI Sandbox

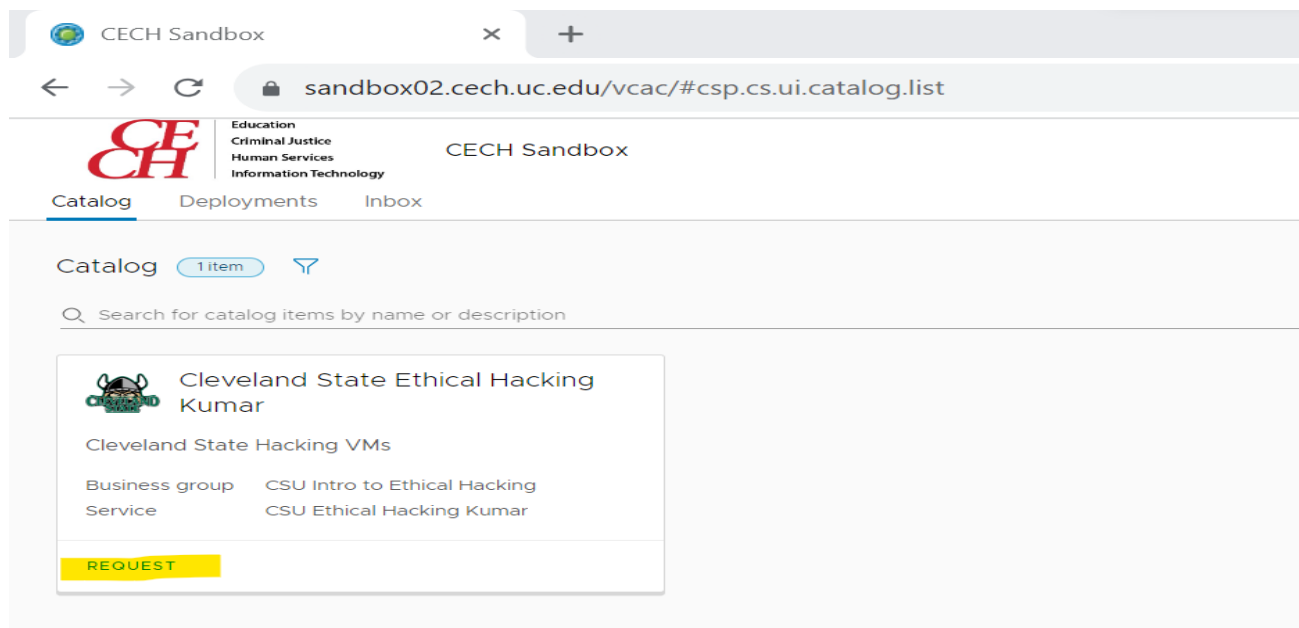
- 1) Go to sandbox using the URL : <https://sandbox02.cech.uc.edu/> and click on the link “vRealize Automation Console”.



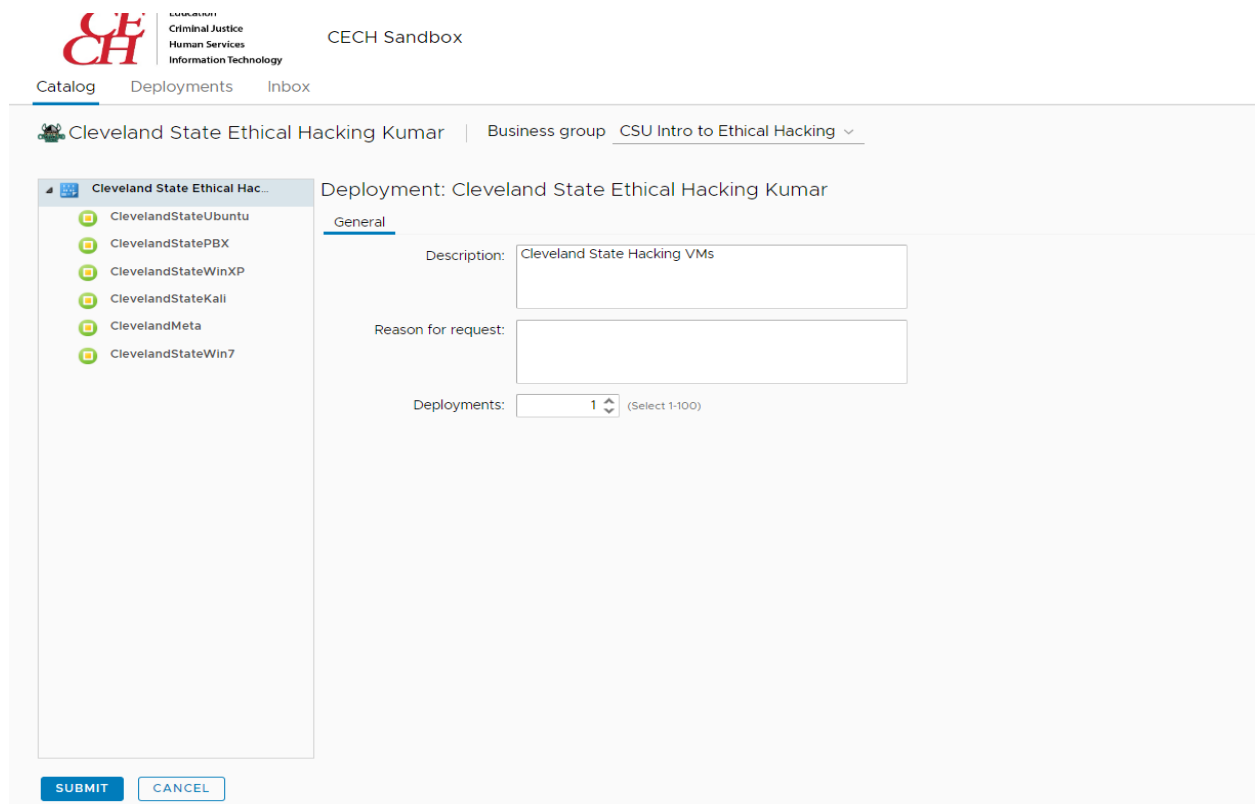
- 2) Login to Sandbox using the credentials provided by the instructor.



- 3) After Logging into Sandbox, below screen appears. Click on the “Request” which is highlighted in the below screenshot in the Catalog tab.



4) After clicking on the request, below screen appears.



- 5) Click on the machine instances and see the configuration of each instance. For example, see the configuration of Kali Linux machine in the screenshot below.


The screenshot shows the 'vSphere (vCenter) Machine: ClevelandStateKali' configuration page. On the left, a sidebar lists several machine instances: ClevelandStateUbuntu, ClevelandStatePBX, ClevelandStateWinXP, ClevelandStateKali (highlighted), ClevelandMeta, and ClevelandStateWin7. The main panel has two tabs: 'General' and 'Storage'. Under the 'General' tab, the following settings are visible: 'Instances' is set to 1, 'CPUs' is set to 2, 'Memory (MB)' is set to 4096 (with a dropdown arrow and a note '(Select 4096-8192)'), 'Storage (GB)' is set to 60, and there is a 'Description' text box. At the bottom of the sidebar, there are 'SUBMIT' and 'CANCEL' buttons.

- 6) Memory size can be increased by using the up and down arrows. The default provided values would be sufficient for this course.
- 7) Check the configurations for all the machine instances. Example for the windows machine instance is shown below.

The screenshot shows the 'vSphere (vCenter) Machine: ClevelandStateWin7' configuration page. On the left, a sidebar lists several machine instances: ClevelandStateUbuntu, ClevelandStatePBX, ClevelandStateWinXP, ClevelandStateKali, ClevelandMeta, and ClevelandStateWin7 (highlighted). The main panel has two tabs: 'General' and 'Storage'. Under the 'General' tab, the following settings are visible: 'Instances' is set to 1, 'CPUs' is set to 2, 'Memory (MB)' is set to 4096, 'Storage (GB)' is set to 60, and there is a 'Description' text box. At the bottom of the sidebar, there are 'SUBMIT' and 'CANCEL' buttons.

- 8) Click on the "Submit". It would redirect to "Deployments" page and start deploying it.

- 9) Wait for 20 minutes to finish the 100% deployment.
- 10) Go to the deployments page and verify if the deployment is completed. It would show the deployment status as "Created".




**Cleveland State Ethical Hacking Kumar-56029716**  
Cleveland State Hacking VMs  
Owner Sheari Rice  
Business group CSU Intro to Ethical Hacking

9 Resources  
CleKali684  
CleMeta675  
7 MORE

Created 3 months ago  
On  
On

- 11) Once the deployment is done, by default it would create deployment with 9 resources.




**Cleveland State Ethical Hacking Kumar-56029716**  
Cleveland State Hacking VMs  
Owner Sheari Rice  
Business group CSU Intro to Ethical Hacking

9 Resources  
CleKali684  
CleMeta675  
ClePBX264  
CleUbuntu686  
CleWindows678  
CleWinXP680  
Edge-ClevelandStateEthic...  
OnDemandNAT  
OnDemandNAT\_513-608f...  
HIDE

Created 3 months ago  
Never expires  
192.168.2.7  
192.168.2.4  
192.168.2.3  
192.168.2.5  
192.168.2.2

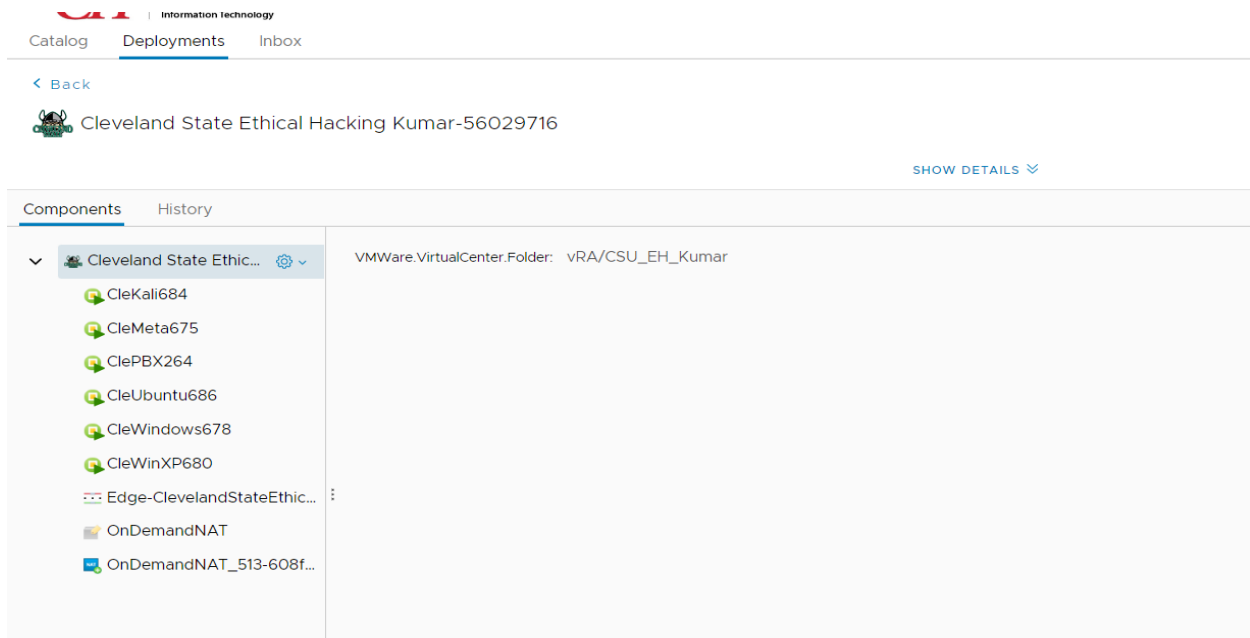
- 12) Click on the deployment name to open the deployment.



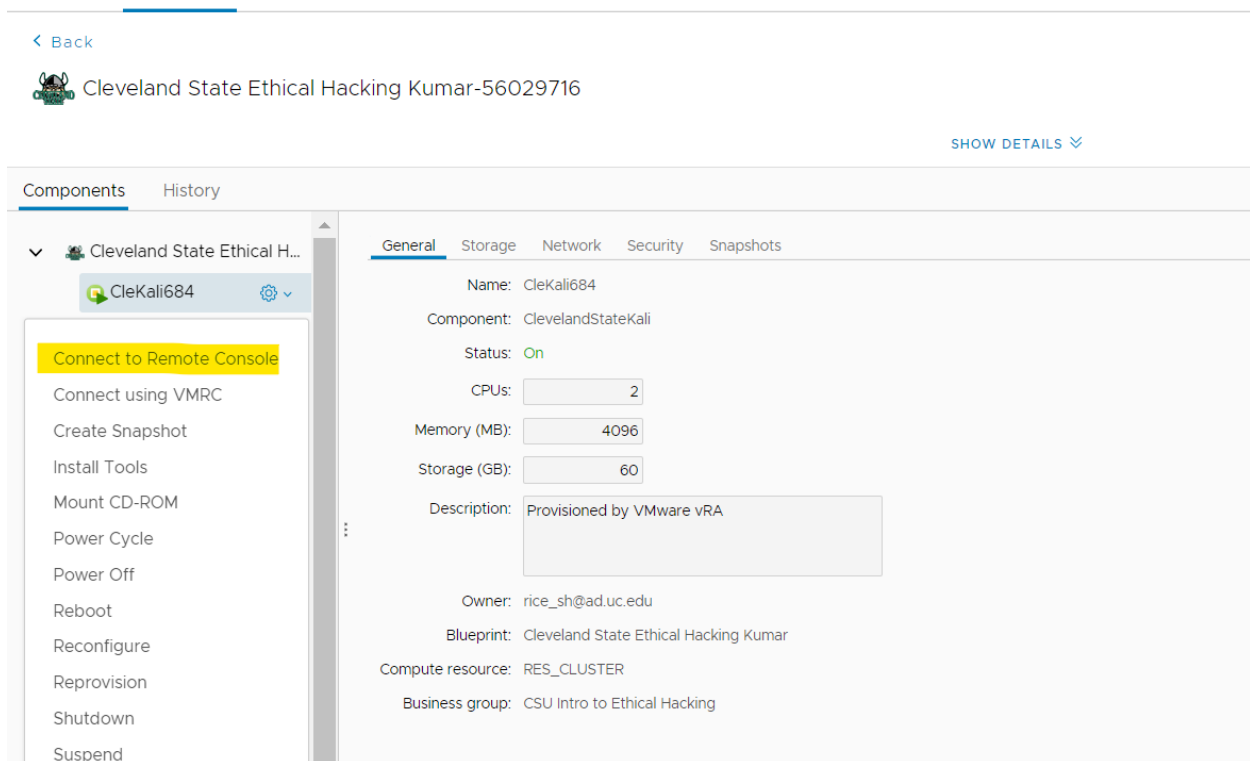
**Cleveland State Ethical Hacking Kumar-56029716**  
Cleveland State Hacking VMs  
Owner Sheari Rice  
Business group CSU Intro to Ethical Hacking

9 Resources  
CleKali684  
CleMeta675  
7 MORE

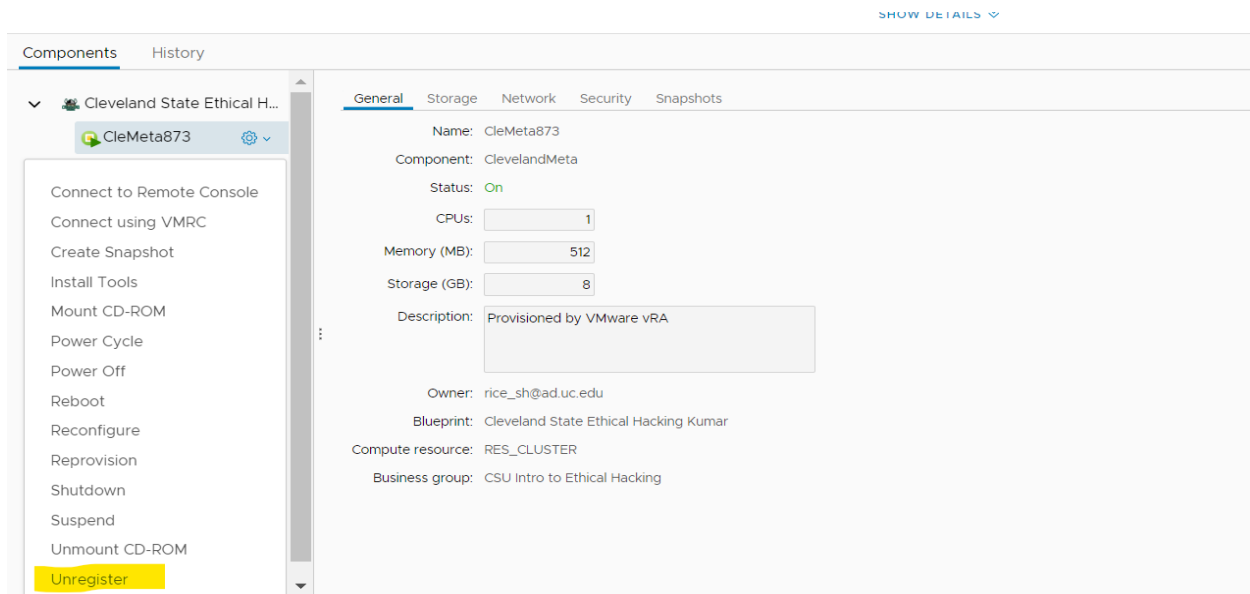
- 13) By default, deployment will be created with 9 resources with all different machine instances.



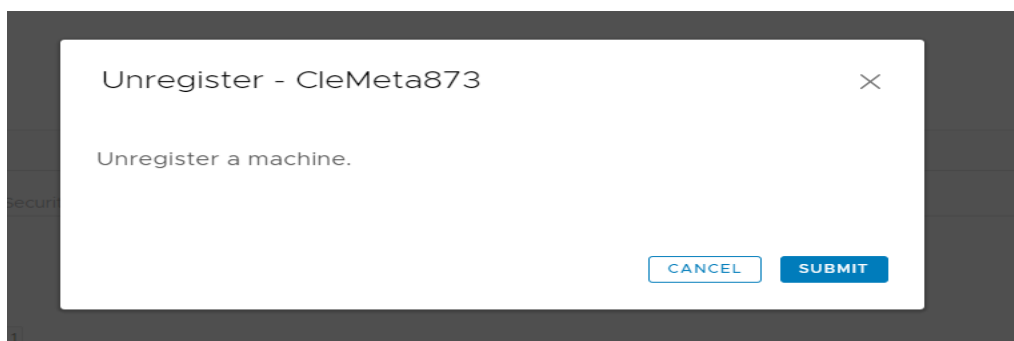
14) To login to any instance click on the down arrow beside the instance name and click on the “Connect to Remote Console”. For example, logging to Kali machine instance is shown below.



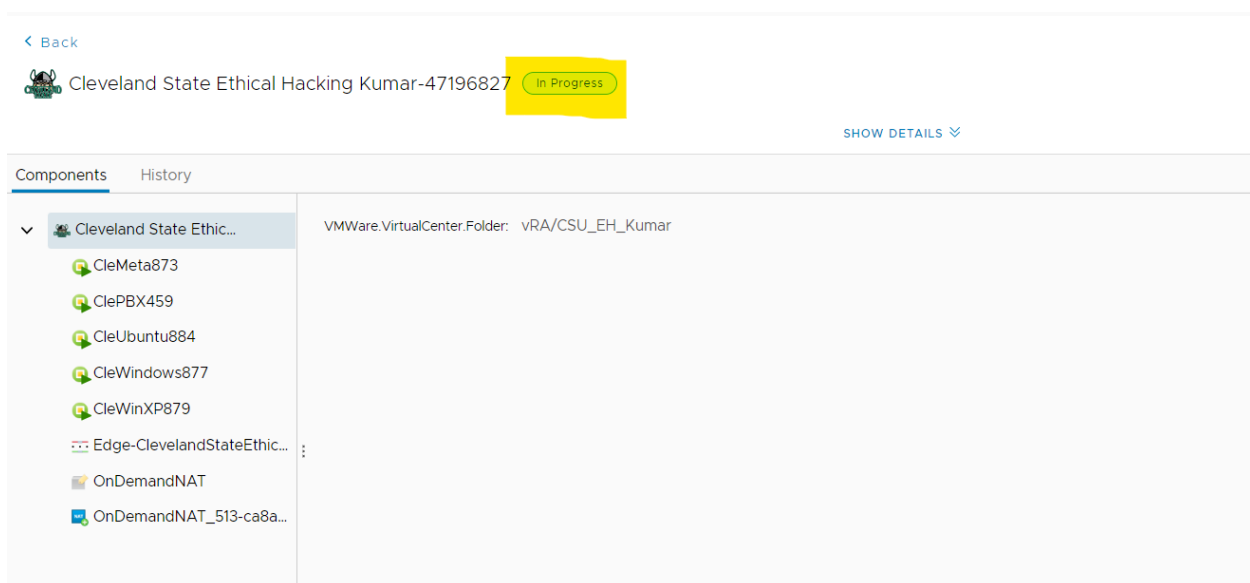
15) Removing the unwanted instances (as per the lab scenario) is **optional** -To remove the unwanted instances, click on the down arrow beside the instance name and click on the “Unregister”, this would remove the instance of that machine from the deployment.



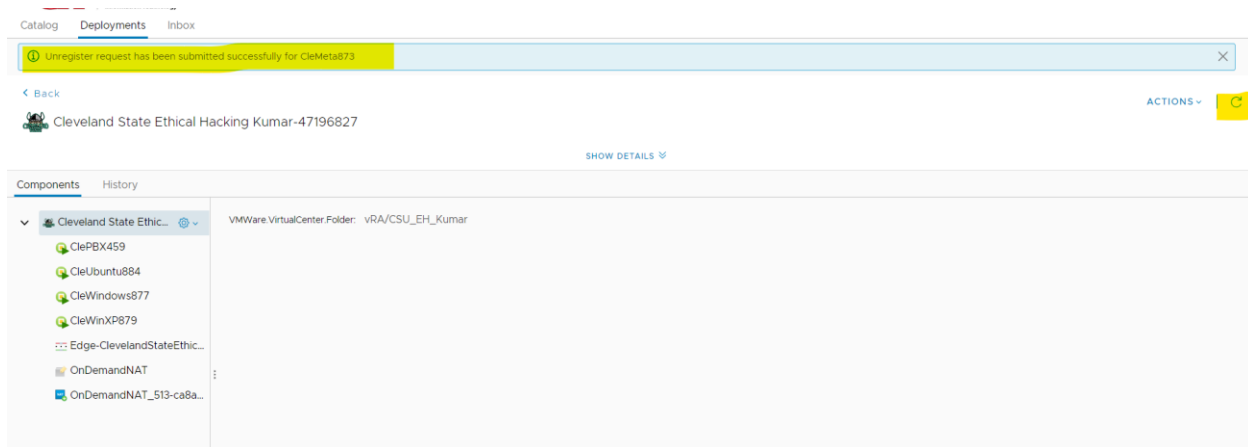
16) It would ask for the confirmation as shown in the screenshot below. Click on the “Submit”.



17) Wait for the few seconds for the process to complete.



18) Refresh the deployment by clicking the refresh button on the top right and could see the instance is removed from the deployment.



19) The deployment is ready for testing.

20) Please refer this document before starting any scenarios of this course.