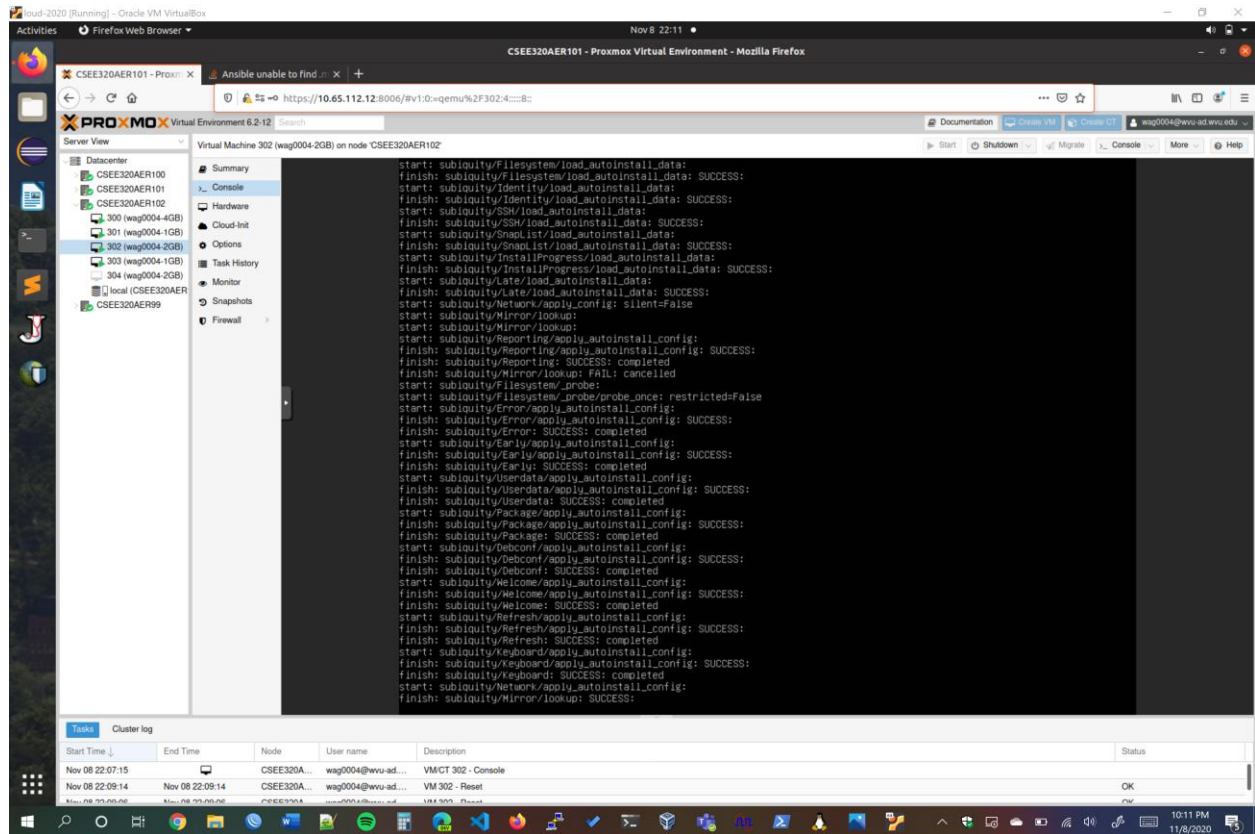


[2/2] Fully automated install (Install Poseidon first). Provide a screenshot of the fully automated install in progress



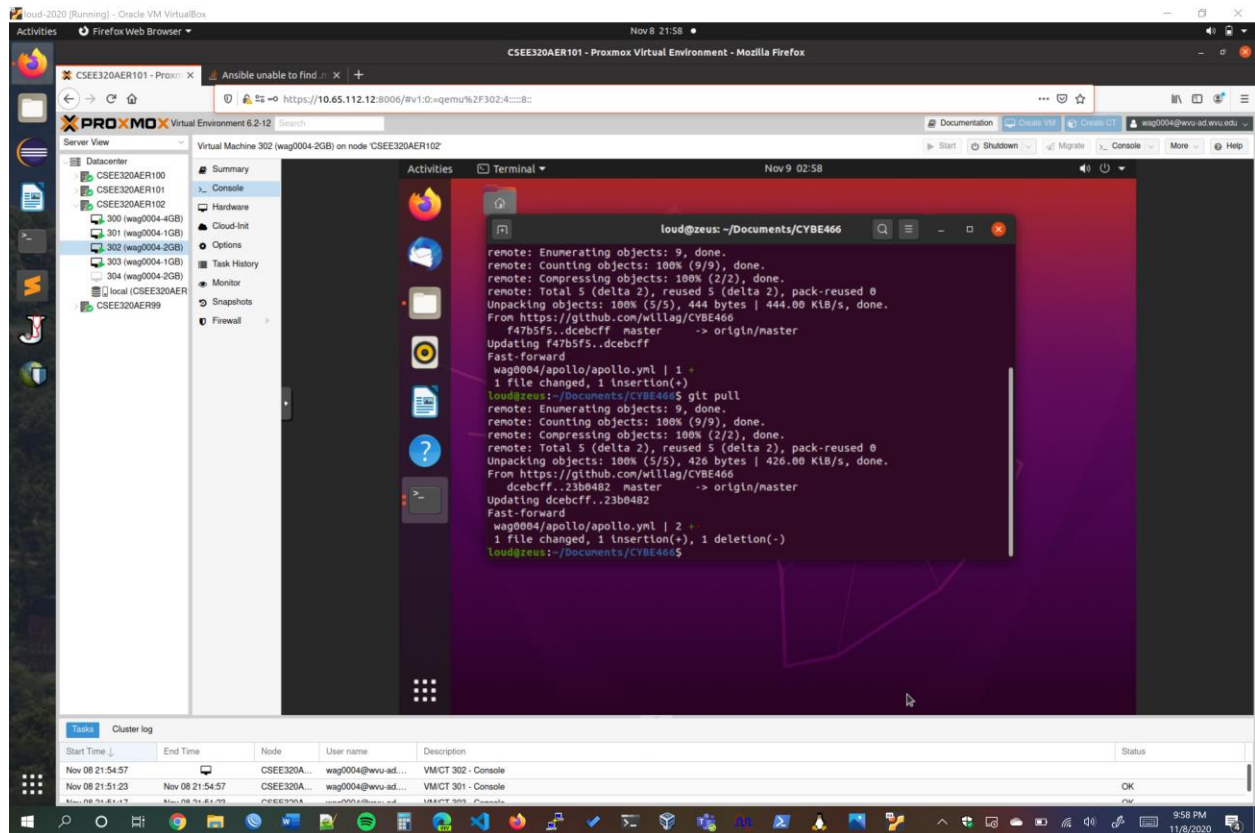
[2/2] Install ansible. Provide a screenshot of CLI command to install ansible.

```

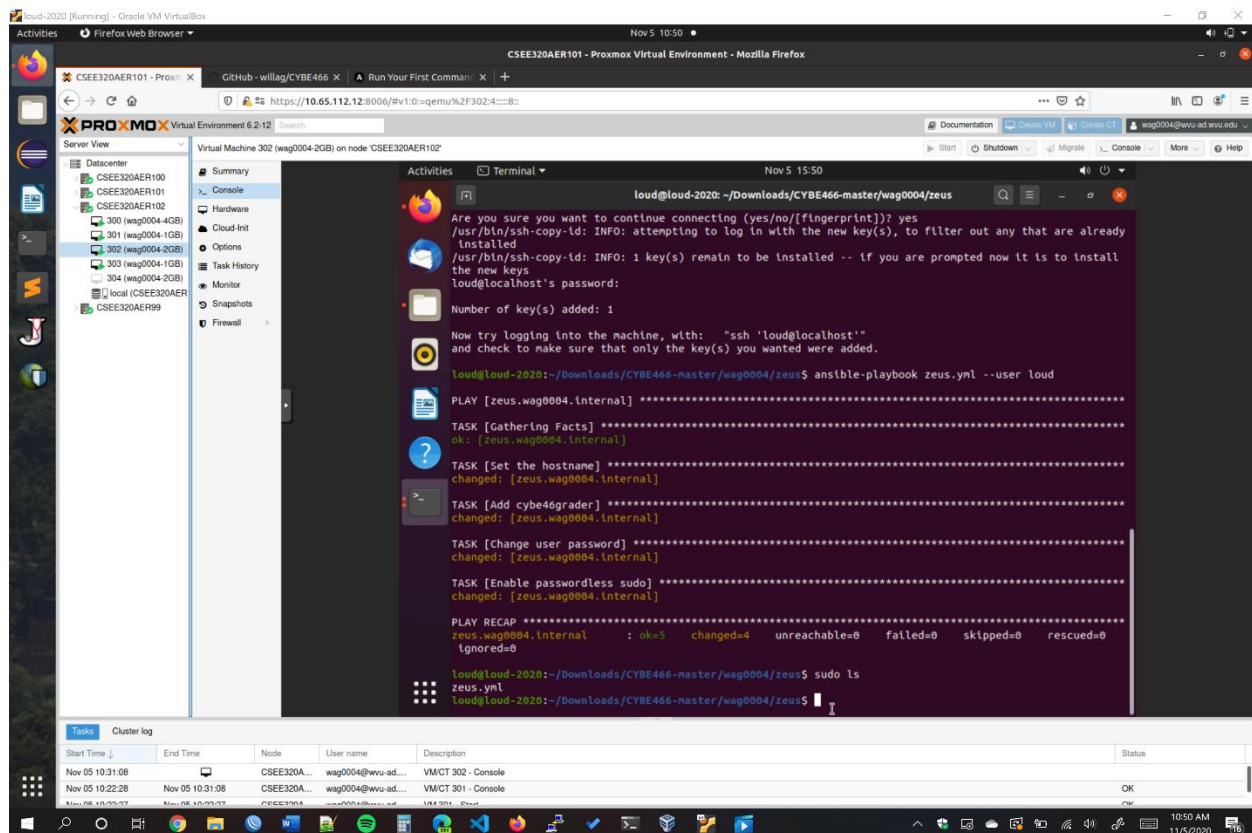
Get:22 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [348 B]
Get:23 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [686 kB]
Get:24 http://archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [131 kB]
Get:25 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [12.9 kB]
Get:26 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [15.6 kB]
Get:27 http://archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [4,352 B]
Get:28 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [508 B]
Get:29 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [112 B]
Get:30 http://archive.ubuntu.com/ubuntu focal-backports/restricted amd64 c-n-f Metadata [116 B]
Get:31 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [4,012 B]
Get:32 http://archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [1,448 B]
Get:33 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [224 B]
Get:34 http://archive.ubuntu.com/ubuntu focal-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:35 http://archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [353 kB]
Get:36 http://archive.ubuntu.com/ubuntu focal-security/main Translation-en [81.1 kB]
Get:37 http://archive.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [5,232 B]
Get:38 http://archive.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [66.5 kB]
Get:39 http://archive.ubuntu.com/ubuntu focal-security/restricted Translation-en [10.9 kB]
Get:40 http://archive.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [324 B]
Get:41 http://archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [516 kB]
Get:42 http://archive.ubuntu.com/ubuntu focal-security/universe Translation-en [66.4 kB]
Get:43 http://archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [9,172 B]
Get:44 http://archive.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [1,256 B]
Get:45 http://archive.ubuntu.com/ubuntu focal-security/multiverse Translation-en [540 B]
Get:46 http://archive.ubuntu.com/ubuntu focal-security/multiverse amd64 c-n-f Metadata [116 B]
Fetched 19.3 MB in 3s (5,798 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
164 packages can be upgraded. Run 'apt list --upgradable' to see them.
loud@loud-2020:~$ sudo apt install ansible
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  ieee-data python3-argcomplete python3-crypto python3-dnspython python3-jmespath python3-kerberos python3-libcloud
  python3-lockfile python3-netaddr python3-ntlm-auth python3-requests-kerberos python3-requests-ntlm python3-selinux
  python3-winnm python3-xlrd python3-xlsxwriter
Suggested packages:
  cowsay sshpass python-lockfile-doc ipython3 python-netaddr-docs
The following NEW packages will be installed:
  ansible ieee-data python3-argcomplete python3-crypto python3-dnspython python3-jmespath python3-kerberos python3-libcloud
  python3-lockfile python3-netaddr python3-ntlm-auth python3-requests-kerberos python3-requests-ntlm python3-selinux
  python3-winnm python3-xlrd python3-xlsxwriter
0 upgraded, 16 newly installed, 0 to remove and 164 not upgraded.
Need to get 9,643 kB of archives.
After this operation, 90.2 MB of additional disk space will be used.
Do you want to continue? (Y/n)

```

[2/2] Add a gui environment. Provide a screenshot of the GUI environment.



[4/4] Proper documentation on how to run ansible code. Provide at least one screenshot of something executing with description.



Above is the zeus ansible setup code running. The user accounts are added / changed and the hostname is changed.

[2/2] Screenshot of web browser showing URL on windows server where the user-data file exists.

cloud-2020 [Running] - Oracle VM VirtualBox

Activities Firefox Web Browser Nov 5 09:18

CSEE320AER101 - Proxmox Virtual Environment - Mozilla Firefox

Nov 5 09:18

10.65.112.12:8006/#v1.0=qemu%2F302:4---8:

PROXMOX Virtual Environment 6.2-12

Server View Virtual Machine 302 (wag0004-2GB) on node 'CSEE320AER102'

Summary Console Hardware Cloud-Init Options Task History Monitor Snapshots Firewall

Activities Firefox Web Browser Nov 5 14:18

192.168.100.4 - /serve/public X Firefox Privacy Notice X New Tab X

192.168.100.4/serve/public/cybe466/autoinstall/

## 192.168.100.4 - /serve/public/cybe466/autoinstall/

[To Parent Directory]

11/4/2020 9:02 PM	0	<a href="#">meta_data</a>
11/4/2020 9:02 PM	1220	<a href="#">user_data</a>

Tasks Cluster log

Start Time	End Time	Node	User name	Description	Status
Nov 05 09:17:17		CSEE320A...	wag0004@hvvu-ad...	VM/CT 302 - Console	
Nov 05 09:13:40	Nov 05 09:13:40	CSEE320A...	wag0004@hvvu-ad...	VM 303 - Reset	OK
Nov 05 09:13:05	Nov 05 09:13:05	CSEE320A...	wag0004@hvvu-ad...	VM/CT 303 - Console	

9:18 AM 11/5/2020