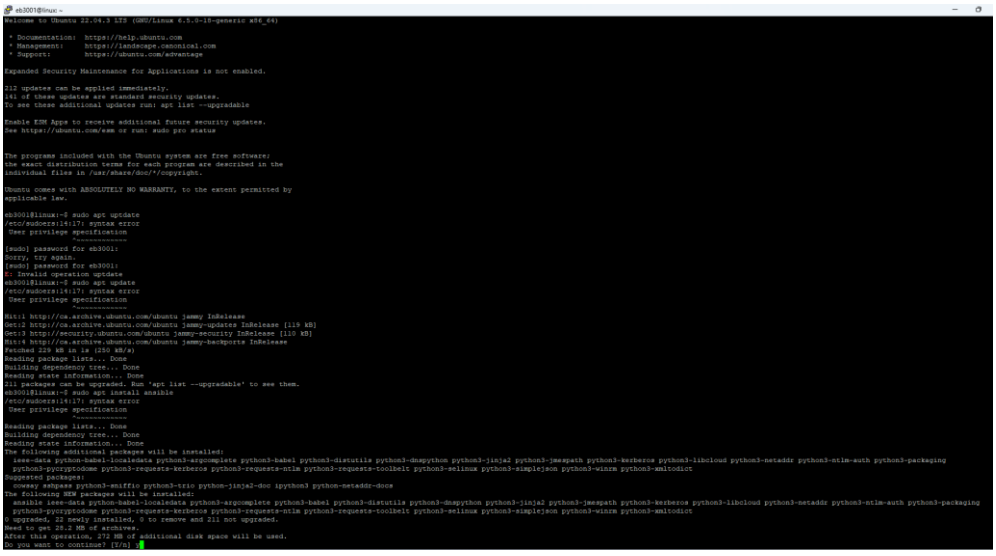
1- Install Ansible from my VM-Virtual Box

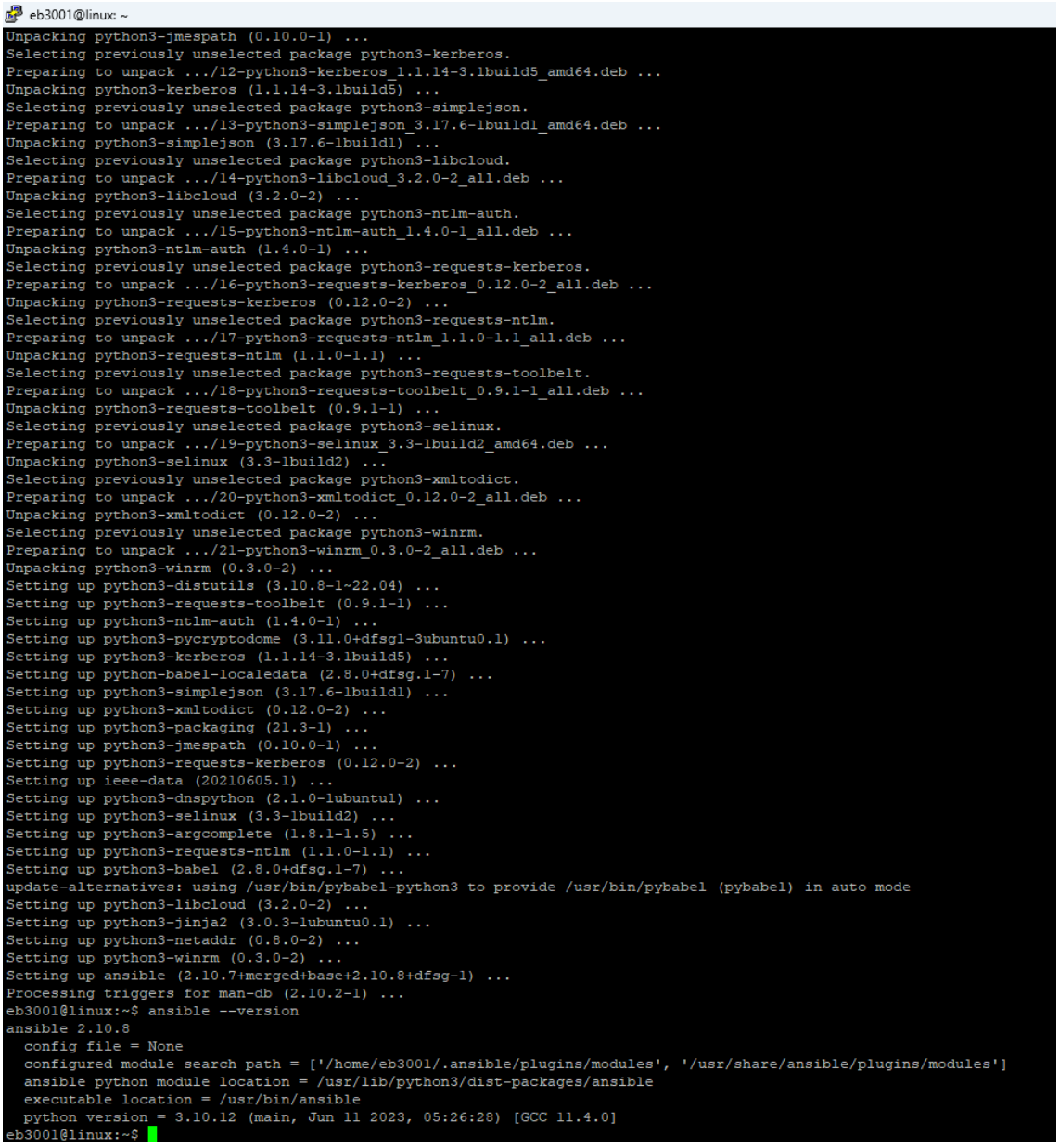
Update system

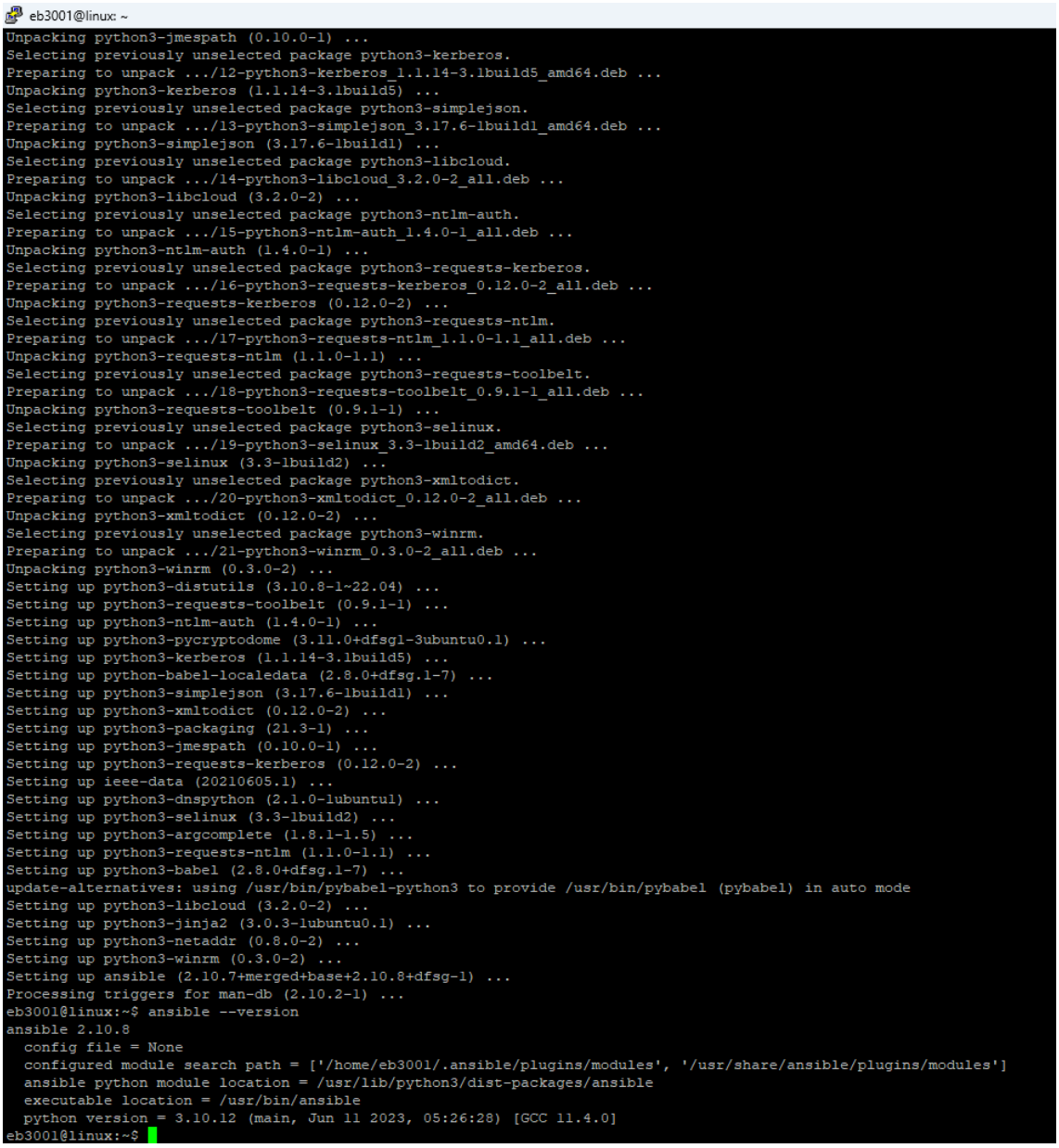
```
eb3001@linux: ~
 login as: eb3001
 eb3001@10.0.0.154's password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.5.0-18-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

Expanded Security Maintenance for Applications is not enabled.

212 updates can be applied immediately.
141 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

eb3001@linux:~$ sudo apt uptdate
/etc/sudoers:14:17: syntax error
 User privilege specification
                 ^~~~~~~~~~~~~
[sudo] password for eb3001:
Sorry, try again.
[sudo] password for eb3001:
E: Invalid operation uptdate
eb3001@linux:~$ sudo apt update
/etc/sudoers:14:17: syntax error
 User privilege specification
                 ^~~~~~~~~~~~~
Hit:1 http://ca.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://ca.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:4 http://ca.archive.ubuntu.com/ubuntu jammy-backports InRelease
Fetched 229 kB in 1s (250 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
211 packages can be upgraded. Run 'apt list --upgradable' to see them.
eb3001@linux:~$
```

After. Sudo apt install ansible

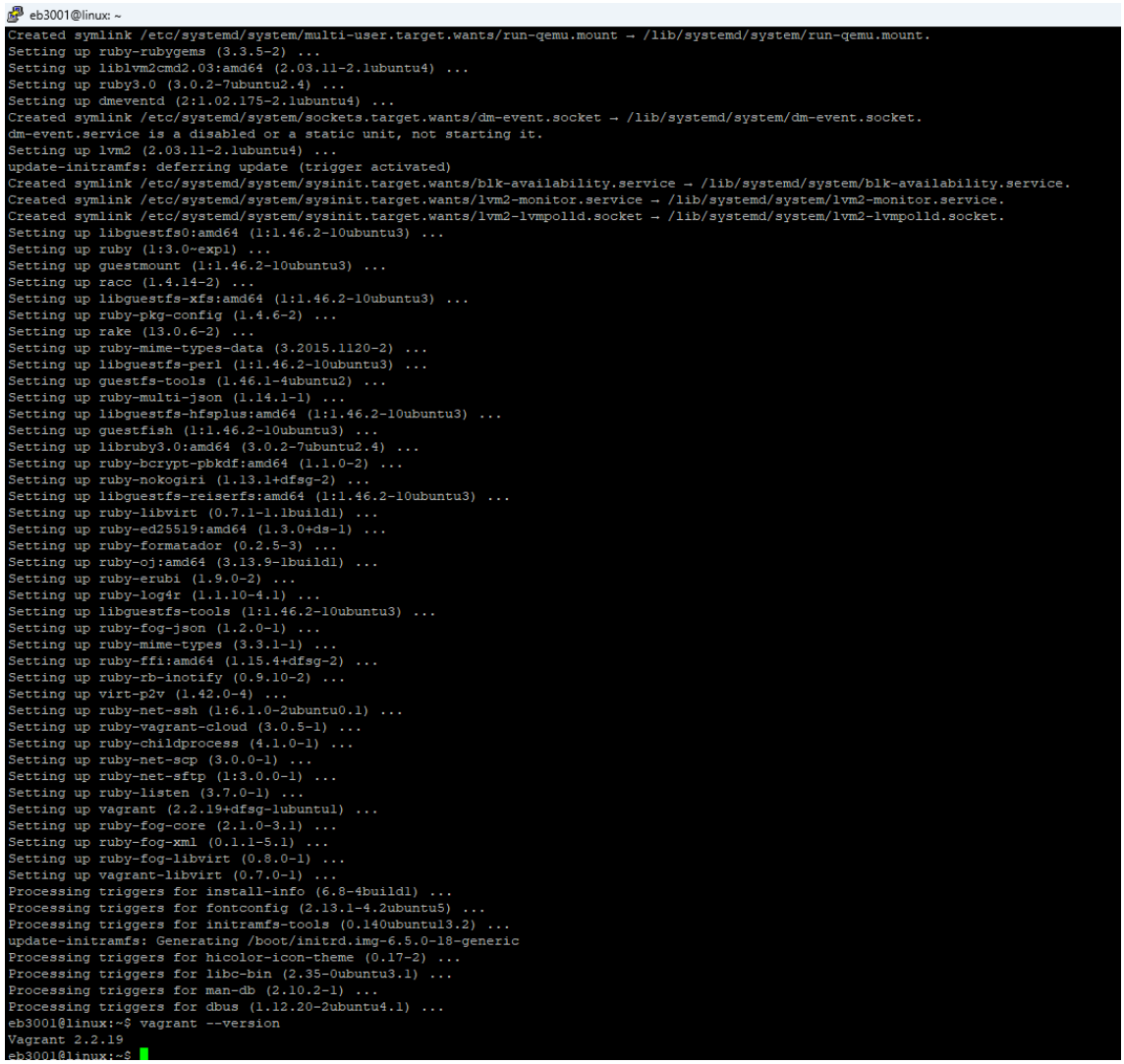


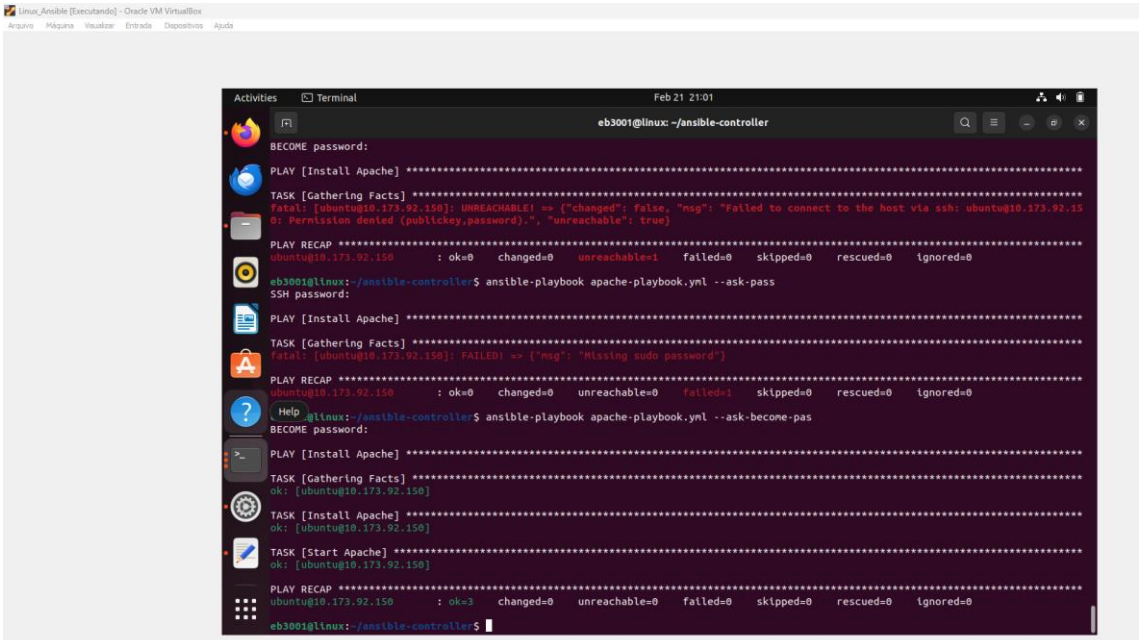
Ansible Version

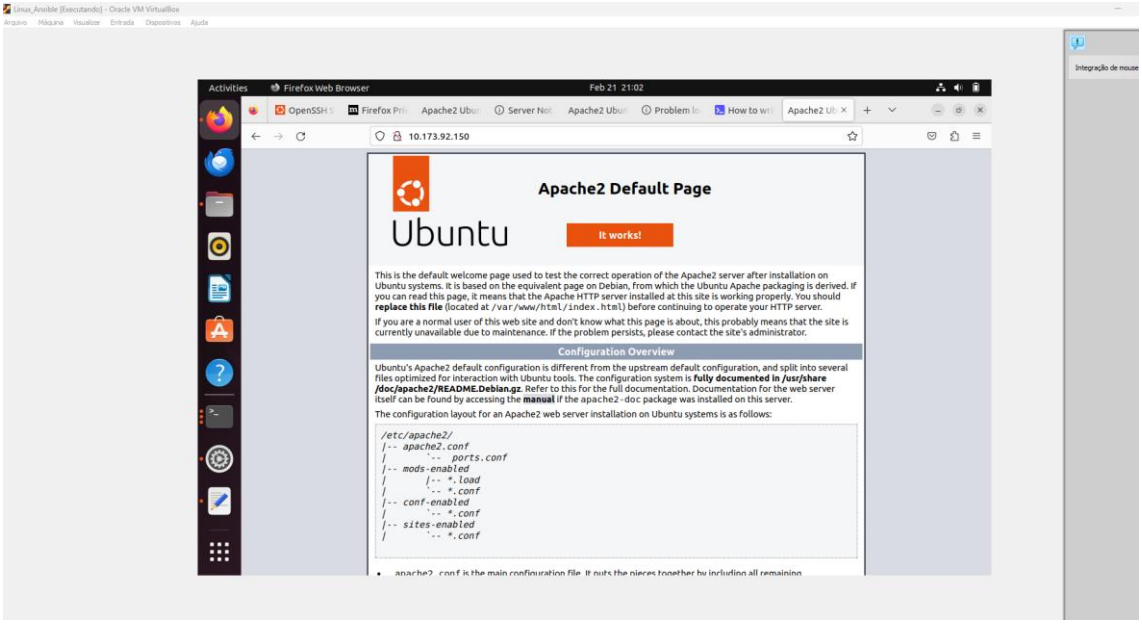


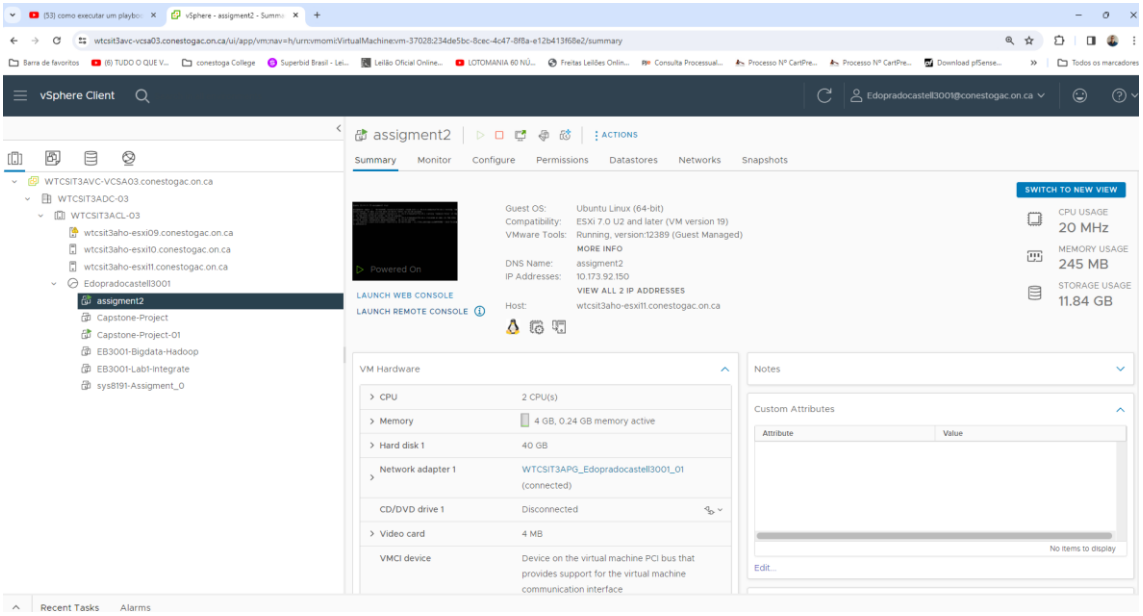


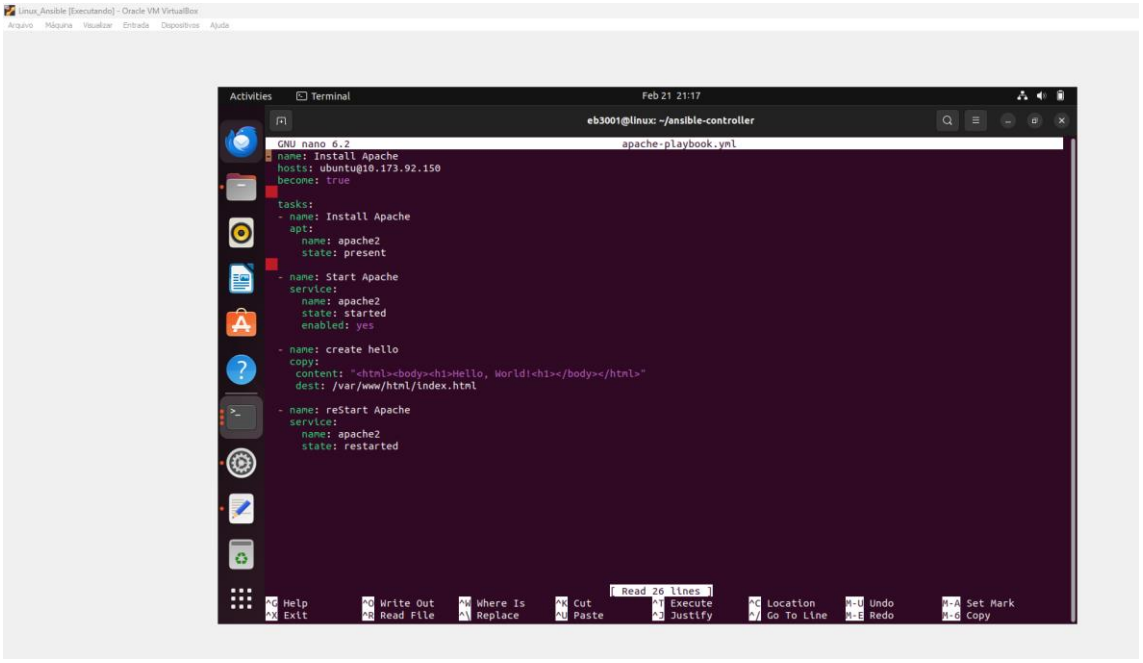
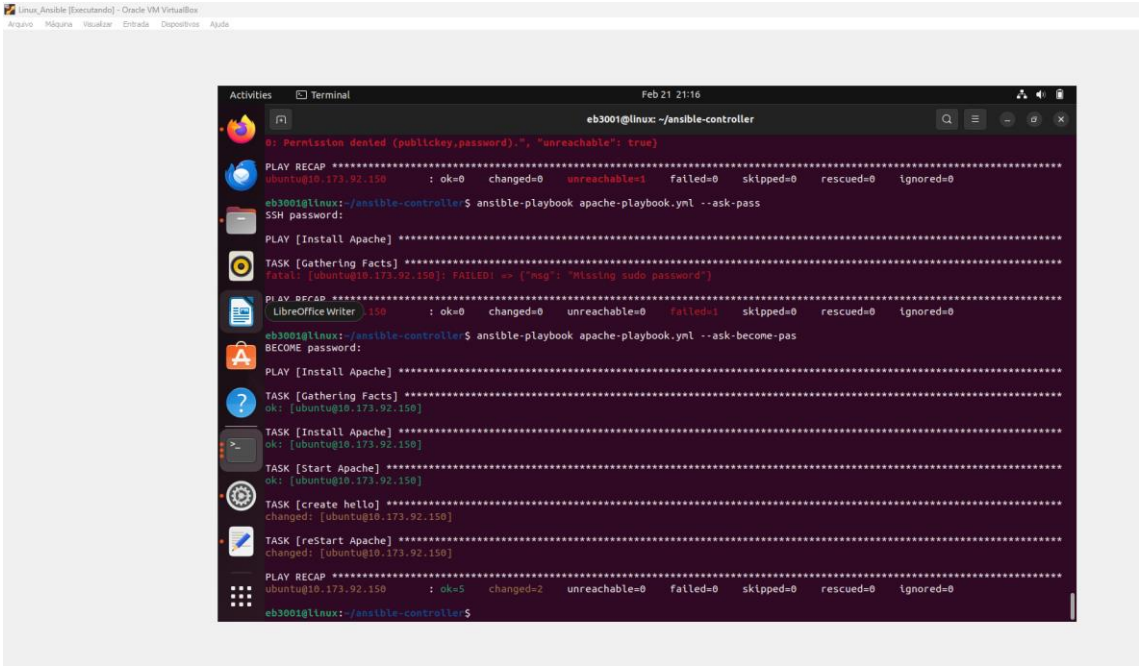
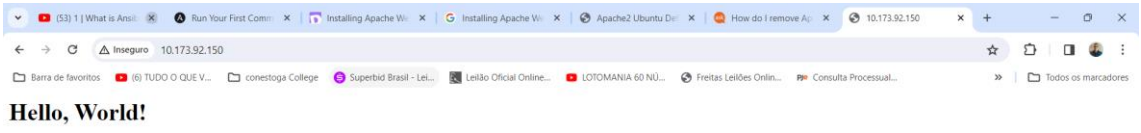
Install Vagrant


eb3001@linux: ~
Created symlink /etc/systemd/system/multi-user.target.wants/run-qemu.mount → /lib/systemd/system/run-qemu.mount.
Setting up ruby-rubygems (3.3.5-2) ...
Setting up liblvm2cmd2.03:amd64 (2.03.11-2.1ubuntu4) ...
Setting up ruby3.0 (3.0.2-7ubuntu2.4) ...
Setting up dmeventd (2:1.02.175-2.1ubuntu4) ...
Created symlink /etc/systemd/system/sockets.target.wants/dm-event.socket → /lib/systemd/system/dm-event.socket.
dm-event.service is a disabled or a static unit, not starting it.
Setting up lvm2 (2.03.11-2.1ubuntu4) ...
update-initramfs: deferring update (trigger activated)
Created symlink /etc/systemd/system/sysinit.target.wants/blk-availability.service → /lib/systemd/system/blk-availability.service.
Created symlink /etc/systemd/system/sysinit.target.wants/lvm2-monitor.service → /lib/systemd/system/lvm2-monitor.service.
Created symlink /etc/systemd/system/sysinit.target.wants/lvm2-lvmpolld.socket → /lib/systemd/system/lvm2-lvmpolld.socket.
Setting up libguestfs0:amd64 (1:1.46.2-10ubuntu3) ...
Setting up ruby (1:3.0~exp1) ...
Setting up guestmount (1:1.46.2-10ubuntu3) ...
Setting up racc (1.4.14-2) ...
Setting up libguestfs-xfs:amd64 (1:1.46.2-10ubuntu3) ...
Setting up ruby-pkg-config (1.4.6-2) ...
Setting up rake (13.0.6-2) ...
Setting up ruby-mime-types-data (3.2015.1120-2) ...
Setting up libguestfs-perl (1:1.46.2-10ubuntu3) ...
Setting up guestfs-tools (1.46.1-4ubuntu2) ...
Setting up ruby-multi-json (1.14.1-1) ...
Setting up libguestfs-hfsplus:amd64 (1:1.46.2-10ubuntu3) ...
Setting up guestfish (1:1.46.2-10ubuntu3) ...
Setting up libruby3.0:amd64 (3.0.2-7ubuntu2.4) ...
Setting up ruby-bcrypt-pbkdf:amd64 (1.1.0-2) ...
Setting up ruby-nokogiri (1.13.1+dfsg-2) ...
Setting up libguestfs-reiserfs:amd64 (1:1.46.2-10ubuntu3) ...
Setting up ruby-libvirt (0.7.1-1.1build1) ...
Setting up ruby-ed25519:amd64 (1.3.0+ds-1) ...
Setting up ruby-formatador (0.2.5-3) ...
Setting up ruby-oj:amd64 (3.13.9-1build1) ...
Setting up ruby-erubi (1.9.0-2) ...
Setting up ruby-log4r (1.1.10-4.1) ...
Setting up libguestfs-tools (1:1.46.2-10ubuntu3) ...
Setting up ruby-fog-json (1.2.0-1) ...
Setting up ruby-mime-types (3.3.1-1) ...
Setting up ruby-ffi:amd64 (1.15.4+dfsg-2) ...
Setting up ruby-rb-inotify (0.9.10-2) ...
Setting up virt-p2v (1.42.0-4) ...
Setting up ruby-net-ssh (1:6.1.0-2ubuntu0.1) ...
Setting up ruby-vagrant-cloud (3.0.5-1) ...
Setting up ruby-childprocess (4.1.0-1) ...
Setting up ruby-net-scp (3.0.0-1) ...
Setting up ruby-net-sftp (1:3.0.0-1) ...
Setting up ruby-listen (3.7.0-1) ...
Setting up vagrant (2.2.19+dfsg-1ubuntu1) ...
Setting up ruby-fog-core (2.1.0-3.1) ...
Setting up ruby-fog-xml (0.1.1-5.1) ...
Setting up ruby-fog-libvirt (0.8.0-1) ...
Setting up vagrant-libvirt (0.7.0-1) ...
Processing triggers for install-info (6.8-4build1) ...
Processing triggers for fontconfig (2.13.1-4.2ubuntu5) ...
Processing triggers for initramfs-tools (0.140ubuntu13.2) ...
update-initramfs: Generating /boot/initrd.img-6.5.0-18-generic
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
eb3001@linux:~$ vagrant --version
Vagrant 2.2.19
eb3001@linux:~$


Activities
Terminal
Feb 21 21:01
eb3001@linux: ~/ansible-controller
BECOME password:
PLAY [Install Apache] ***********
TASK [Gathering Facts] ***********
fatal: [ubuntu@10.173.92.150]: UNREACHABLE! => {"changed": false, "msg": "Failed to connect to the host via ssh: ubuntu@10.173.92.150: Permission denied (publickey,password).", "unreachable": true}
PLAY RECAP ***********
ubuntu@10.173.92.150 : ok=0 changed=0 unreachable=1 failed=0 skipped=0 rescued=0 ignored=0
eb3001@linux:~/ansible-controller$ ansible-playbook apache-playbook.yml --ask-pass
SSH password:
PLAY [Install Apache] ***********
TASK [Gathering Facts] ***********
fatal: [ubuntu@10.173.92.150]: FAILED! => {"msg": "Missing sudo password"}
PLAY RECAP ***********
ubuntu@10.173.92.150 : ok=0 changed=0 unreachable=0 failed=1 skipped=0 rescued=0 ignored=0
Help
@linux:~/ansible-controller$ ansible-playbook apache-playbook.yml --ask-become-pas
BECOME password:
PLAY [Install Apache] ***********
TASK [Gathering Facts] ***********
ok: [ubuntu@10.173.92.150]
TASK [Install Apache] ***********
ok: [ubuntu@10.173.92.150]
TASK [Start Apache] ***********
ok: [ubuntu@10.173.92.150]
PLAY RECAP ***********
ubuntu@10.173.92.150 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
eb3001@linux:~/ansible-controller$


Activities
Firefox Web Browser
Feb 21 21:02
10.173.92.150
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf


vSphere Client
Edopradocastell3001@conestogac.on.ca
assigment2
ACTIONS
Summary
Monitor
Configure
Permissions
Datastores
Networks
Snapshots
WTCSIT3AVC-VCSA03.conestogac.on.ca
WTCSIT3ADC-03
WTCSIT3ACL-03
wtcsit3aho-esxi09.conestogac.on.ca
wtcsit3aho-esxi10.conestogac.on.ca
wtcsit3aho-esxi11.conestogac.on.ca
Edopradocastell3001
assigment2
Capstone-Project
Capstone-Project-01
EB3001-Bigdata-Hadoop
EB3001-Labt-Integrate
sys8191-Assigment_0
Powered On
LAUNCH WEB CONSOLE
LAUNCH REMOTE CONSOLE
Guest OS: Ubuntu Linux (64-bit)
Compatibility: ESXi 7.0 U2 and later (VM version 19)
VMware Tools: Running, version:12389 (Guest Managed)
MORE INFO
DNS Name: assigment2
IP Addresses: 10.173.92.150
VIEW ALL 2 IP ADDRESSES
Host: wtcsit3aho-esxi11.conestogac.on.ca
SWITCH TO NEW VIEW
CPU USAGE
20 MHz
MEMORY USAGE
245 MB
STORAGE USAGE
11.84 GB
VM Hardware
CPU
2 CPU(s)
Memory
4 GB, 0.24 GB memory active
Hard disk 1
40 GB
Network adapter 1
WTCSIT3APG_Edopradocastell3001_01
(connected)
CD/DVD drive 1
Disconnected
Video card
4 MB
VMCI device
Device on the virtual machine PCI bus that provides support for the virtual machine communication interface
Notes
Custom Attributes
Attribute
Value
No items to display
Edit...
Recent Tasks
Alarms


Linux_Ansible [Executando] - Oracle VM VirtualBox
Arquivo Máquina Visualizar Entrada Dispositivos Ajuda
Activities
Terminal
Feb 21 21:17
eb3001@linux: ~/ansible-controller
GNU nano 6.2
apache-playbook.yml
name: Install Apache
hosts: ubuntu@10.173.92.150
become: true
tasks:
- name: Install Apache
apt:
name: apache2
state: present
- name: Start Apache
service:
name: apache2
state: started
enabled: yes
- name: create hello
copy:
content: "<html><body><h1>Hello, World!<h1></body></html>"
dest: /var/www/html/index.html
- name: reStart Apache
service:
name: apache2
state: restarted
[Read 26 lines]
^G Help
^X Exit
^O Write Out
^R Read File
^W Where Is
^\ Replace
^K Cut
^U Paste
^T Execute
^J Justify
^C Location
^/ Go To Line
M-U Undo
M-E Redo
M-A Set Mark
M-6 Copy

Last task- Change index.html for -> Hello World