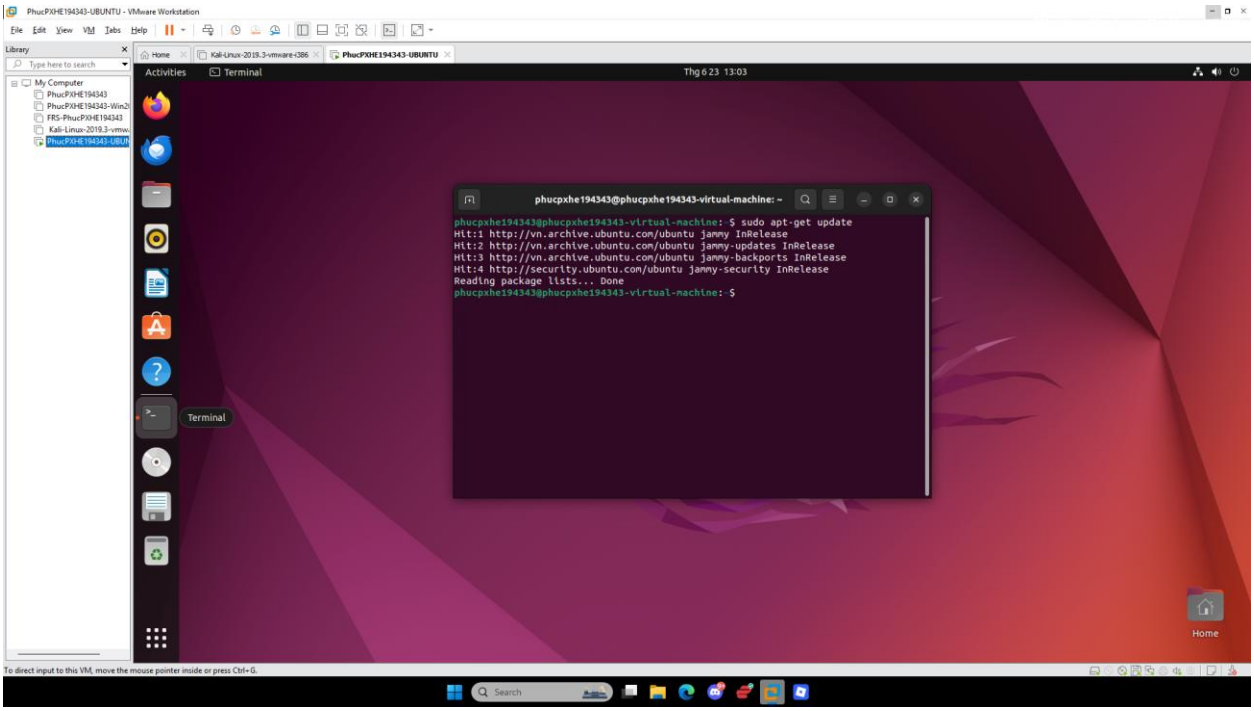
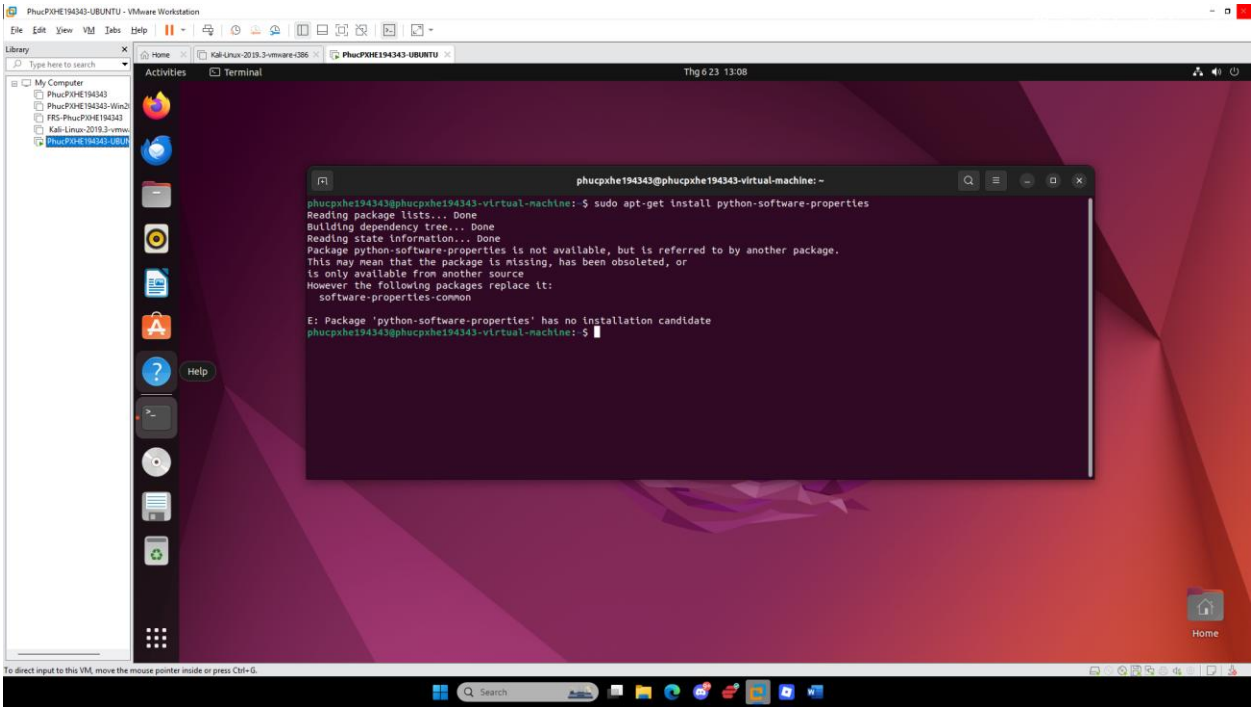
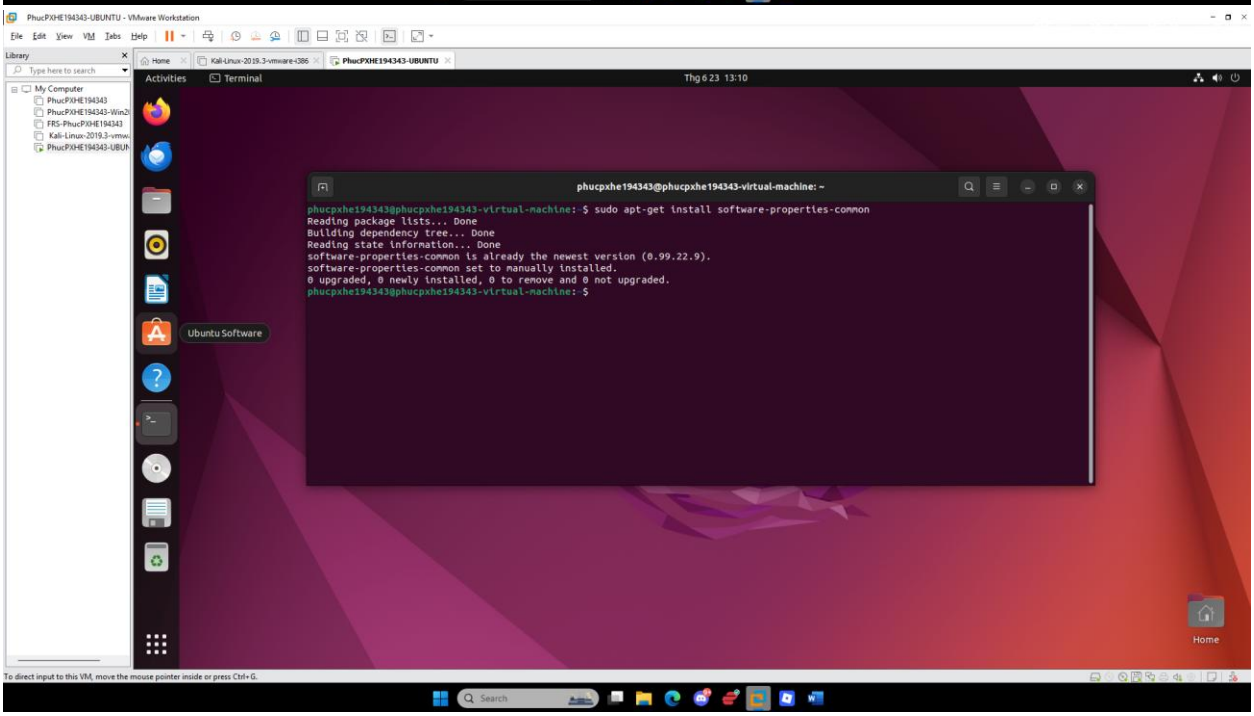
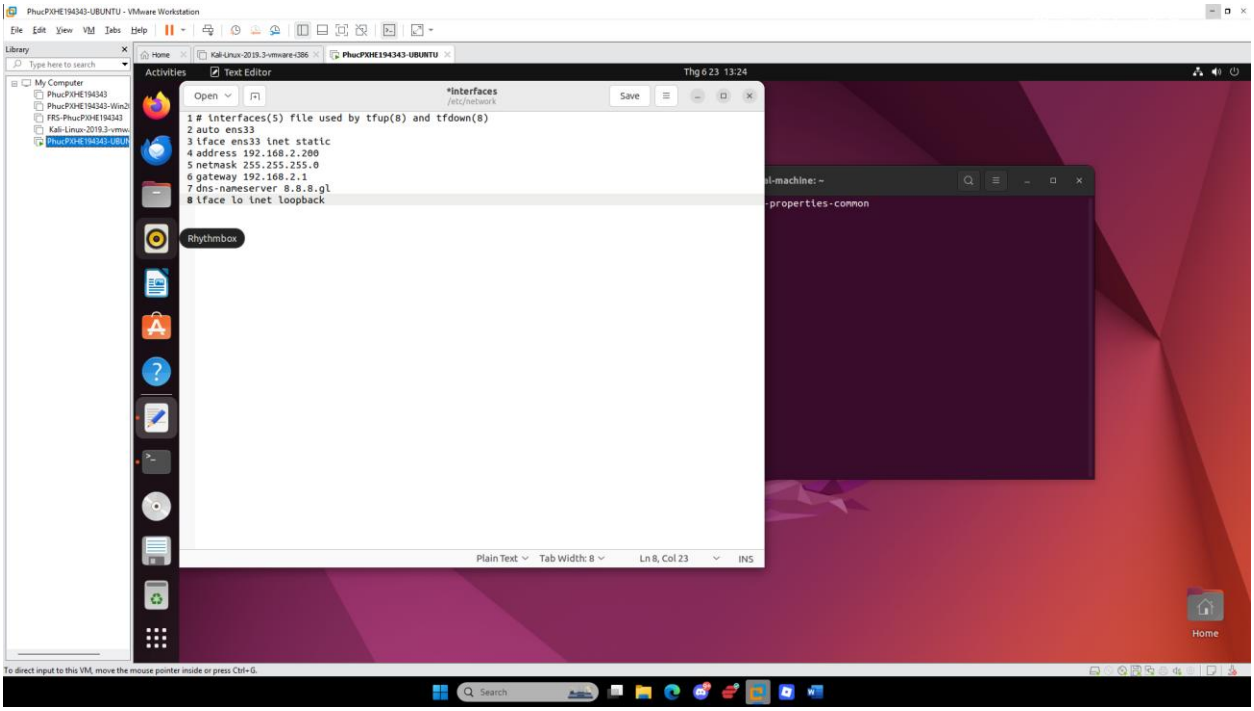
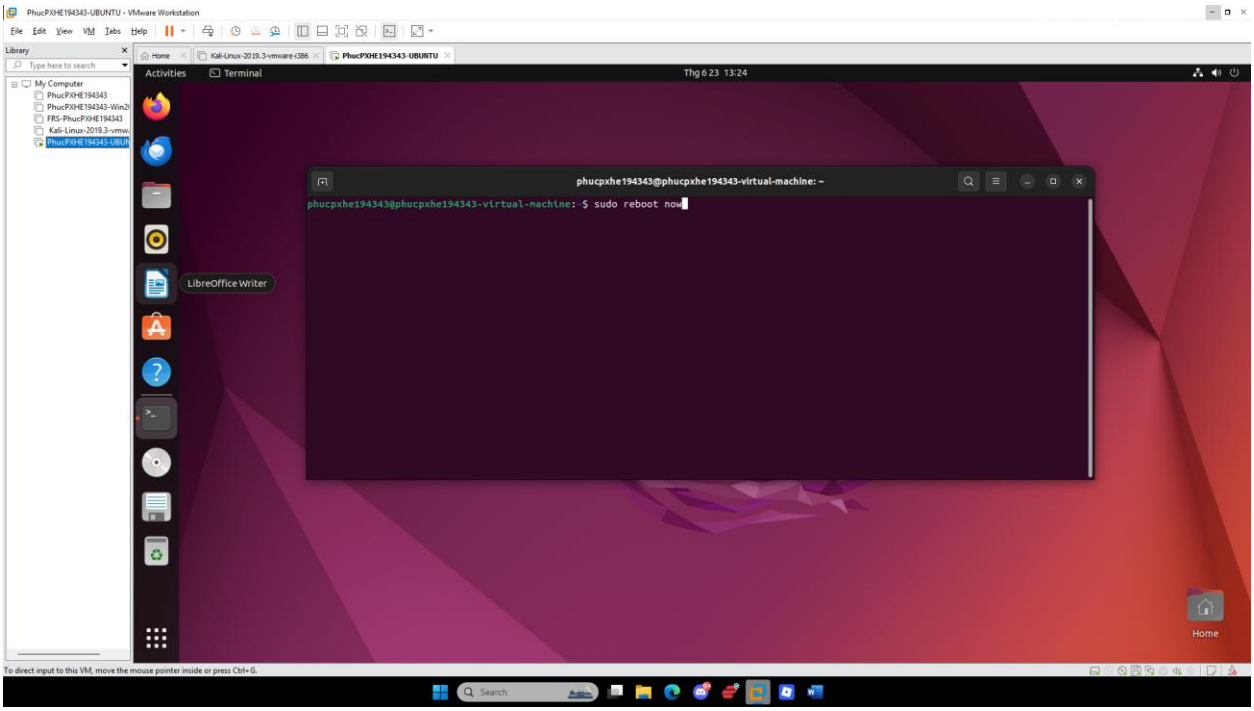
Lab 11

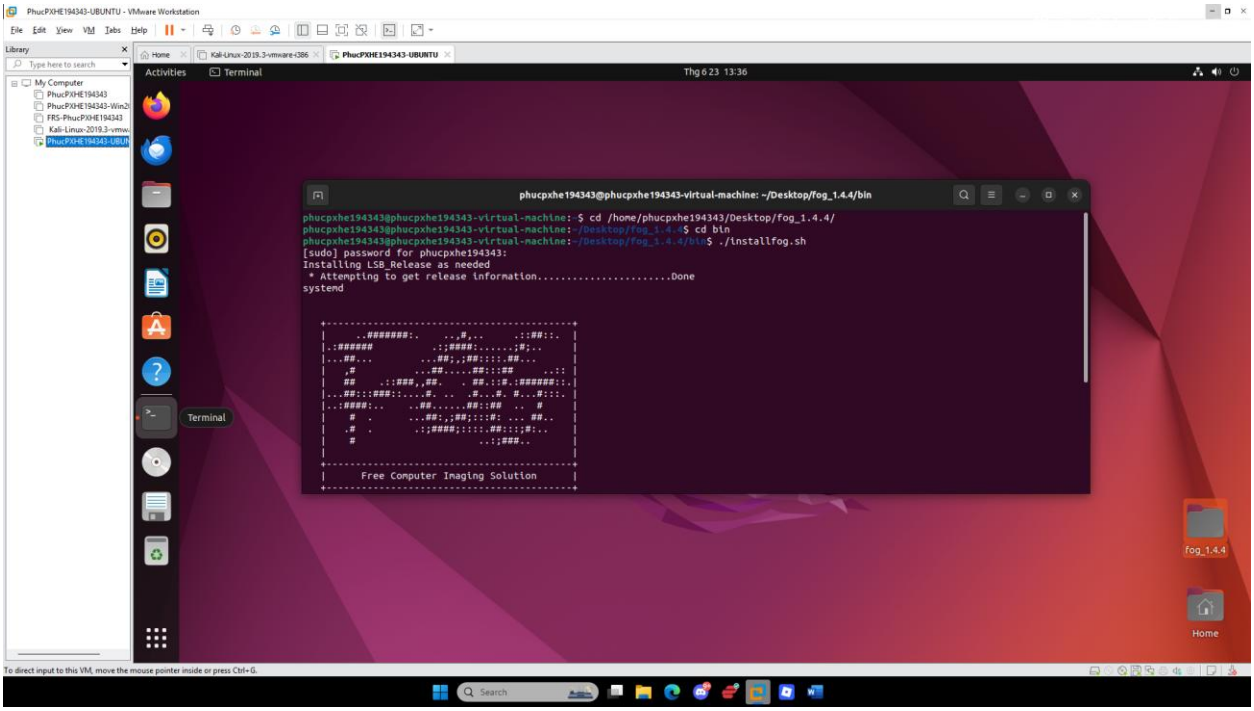

PhucPXHE194343-UBUNTU - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
PhucPXHE194343
PhucPXHE194343-Win2
FRS-PhucPXHE194343
Kali-Linux-2019.3-vmw
PhucPXHE194343-UBUN
Home
Kali-Linux-2019.3-vmware-i386
PhucPXHE194343-UBUNTU
Activities
Terminal
Thg 6 23 13:03
phucpxhe194343@phucpxhe194343-virtual-machine: ~
phucpxhe194343@phucpxhe194343-virtual-machine:~$ sudo apt-get update
Hit:1 http://vn.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://vn.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://vn.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
phucpxhe194343@phucpxhe194343-virtual-machine:~$
Terminal
Home
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.
Search

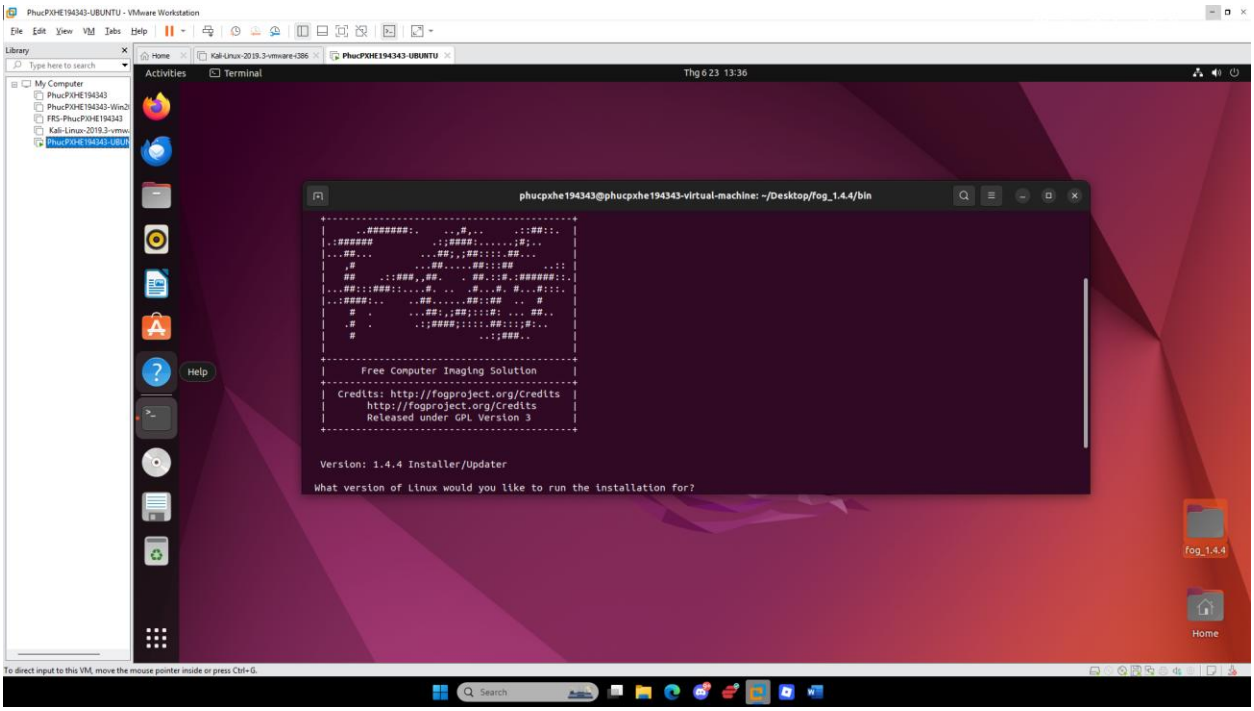

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Terminal
Thg 6 23 13:08
phucpxhe194343@phucpxhe194343-virtual-machine: ~
phucpxhe194343@phucpxhe194343-virtual-machine:~$ sudo apt-get install python-software-properties
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package python-software-properties is not available, but is referred to by another package.
This may mean that the package is missing, has been obsoleted, or
is only available from another source
However the following packages replace it:
software-properties-common
E: Package 'python-software-properties' has no installation candidate
phucpxhe194343@phucpxhe194343-virtual-machine:~$
Help
Home
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

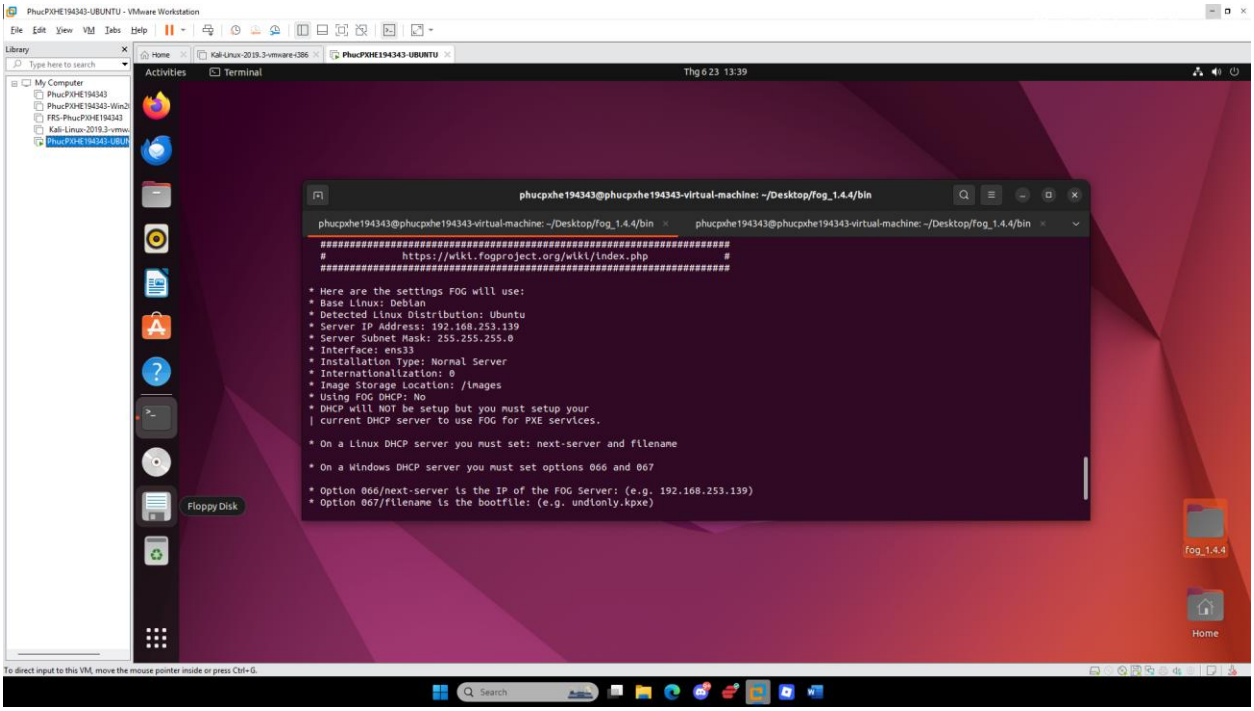

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Terminal
Thg 6 23 13:10
phucpxhe194343@phucpxhe194343-virtual-machine: ~
phucpxhe194343@phucpxhe194343-virtual-machine:~$ sudo apt-get install software-properties-common
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
software-properties-common is already the newest version (0.99.22.9).
software-properties-common set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
phucpxhe194343@phucpxhe194343-virtual-machine:~$
Ubuntu Software
Home
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

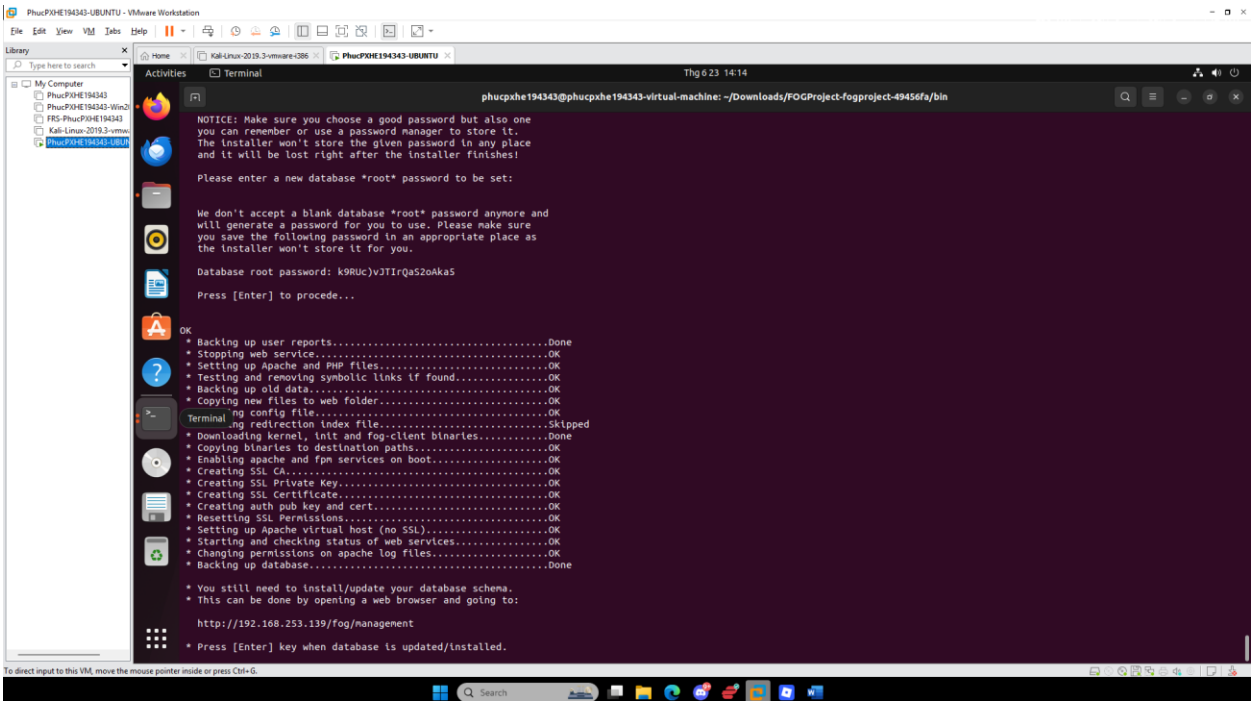

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Text Editor
Thg 6 23 13:24
Open
*interfaces
/etc/network
Save
1 # interfaces(5) file used by tfup(8) and tfdown(8)
2 auto ens33
3 iface ens33 inet static
4 address 192.168.2.200
5 netmask 255.255.255.0
6 gateway 192.168.2.1
7 dns-nameserver 8.8.8.gl
8 iface lo inet loopback
Rhythmbox
Plain Text
Tab Width: 8
Ln 8, Col 23
INS
Home

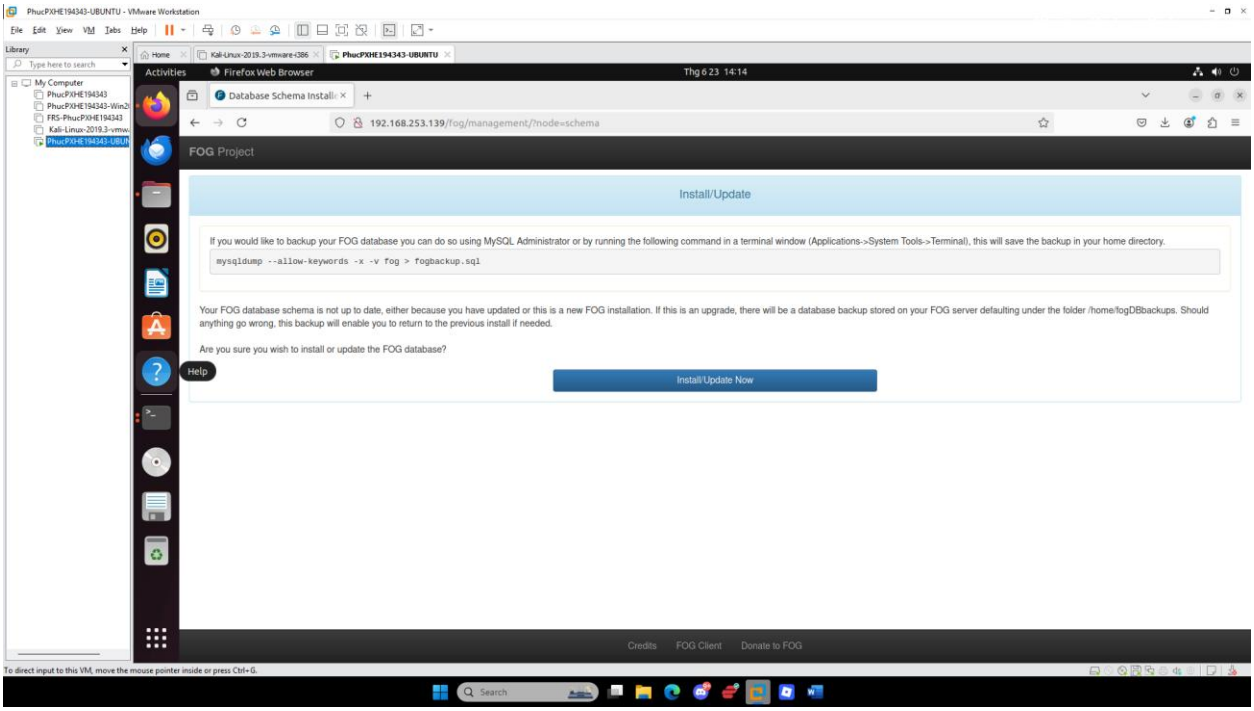

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Terminal
Thg 6 23 13:24
phucpxhe194343@phucpxhe194343-virtual-machine: ~
phucpxhe194343@phucpxhe194343-virtual-machine:~$ sudo reboot now
LibreOffice Writer
Home

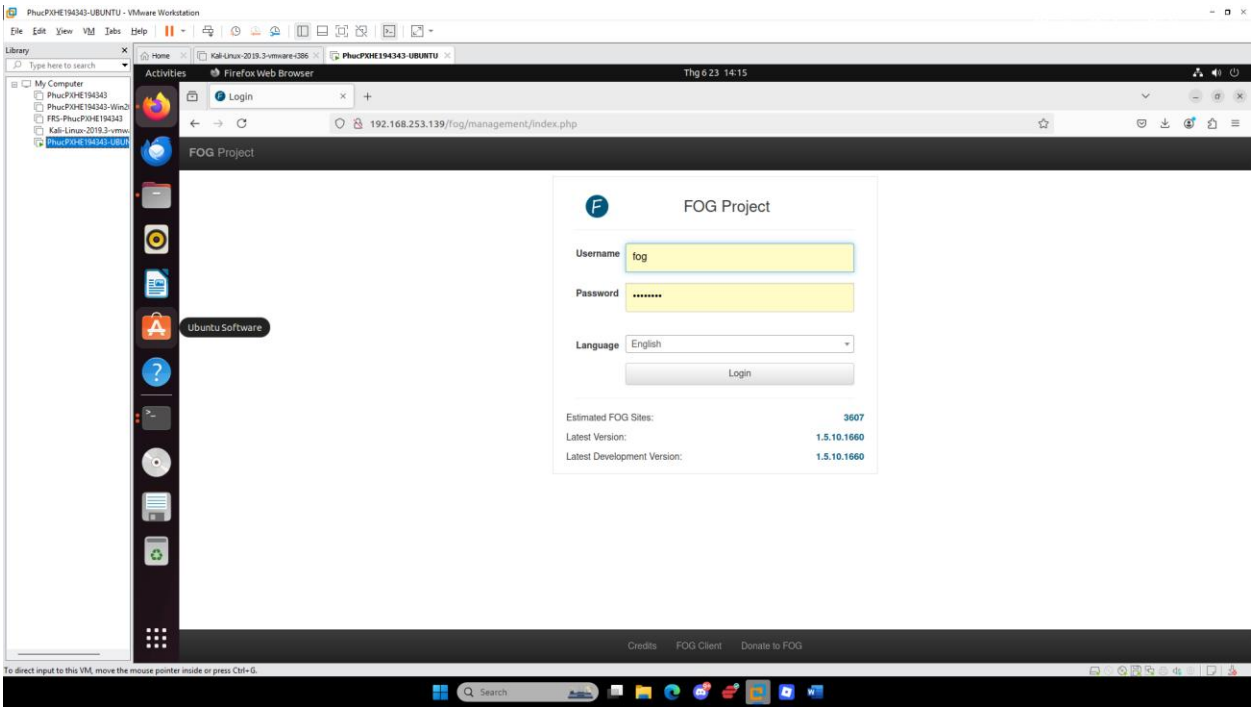

PhucPXHE194343-UBUNTU - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
PhucPXHE194343
PhucPXHE194343-Win2
FRS-PhucPXHE194343
Kali-Linux-2019.3-vmw
PhucPXHE194343-UBUN
Home
Kali-Linux-2019.3-vmware-i386
PhucPXHE194343-UBUNTU
Activities
Terminal
Thg 6 23 13:36
phucpxhe194343@phucpxhe194343-virtual-machine: ~/Desktop/fog_1.4.4/bin
phucpxhe194343@phucpxhe194343-virtual-machine:~$ cd /home/phucpxhe194343/Desktop/fog_1.4.4/
phucpxhe194343@phucpxhe194343-virtual-machine:~/Desktop/fog_1.4.4$ cd bin
phucpxhe194343@phucpxhe194343-virtual-machine:~/Desktop/fog_1.4.4/bin$ ./installfog.sh
[sudo] password for phucpxhe194343:
Installing LSB_Release as needed
* Attempting to get release information.....Done
systend
Free Computer Imaging Solution
Terminal
fog_1.4.4
Home
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.
Search

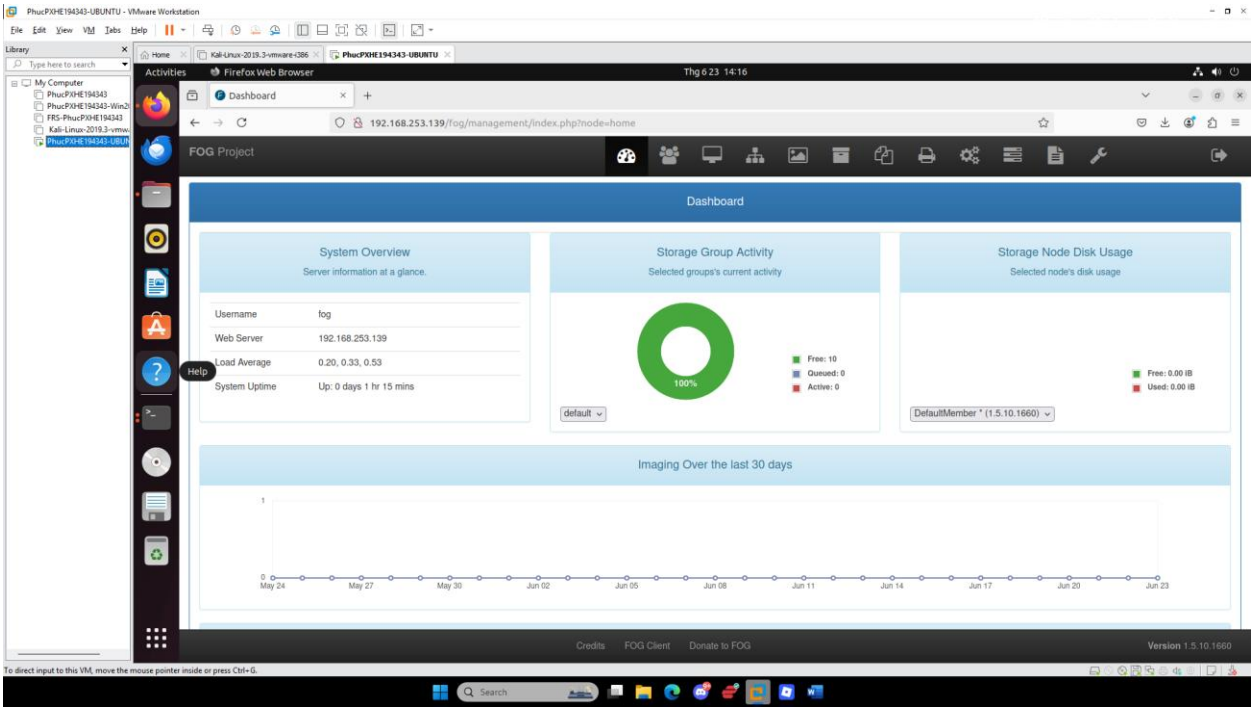

PhucPXHE194343-UBUNTU - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
PhucPXHE194343
PhucPXHE194343-Win2
FRS-PhucPXHE194343
Kali-Linux-2019.3-vmw
PhucPXHE194343-UBUN
Home
Kali-Linux-2019.3-vmware-i386
PhucPXHE194343-UBUNTU
Activities
Terminal
Thg 6 23 13:36
phucpxhe194343@phucpxhe194343-virtual-machine: ~/Desktop/fog_1.4.4/bin
Free Computer Imaging Solution
Credits: http://fogproject.org/Credits
http://fogproject.org/Credits
Released under GPL Version 3
Version: 1.4.4 Installer/Updater
What version of Linux would you like to run the installation for?
Help
fog_1.4.4
Home
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.
Search

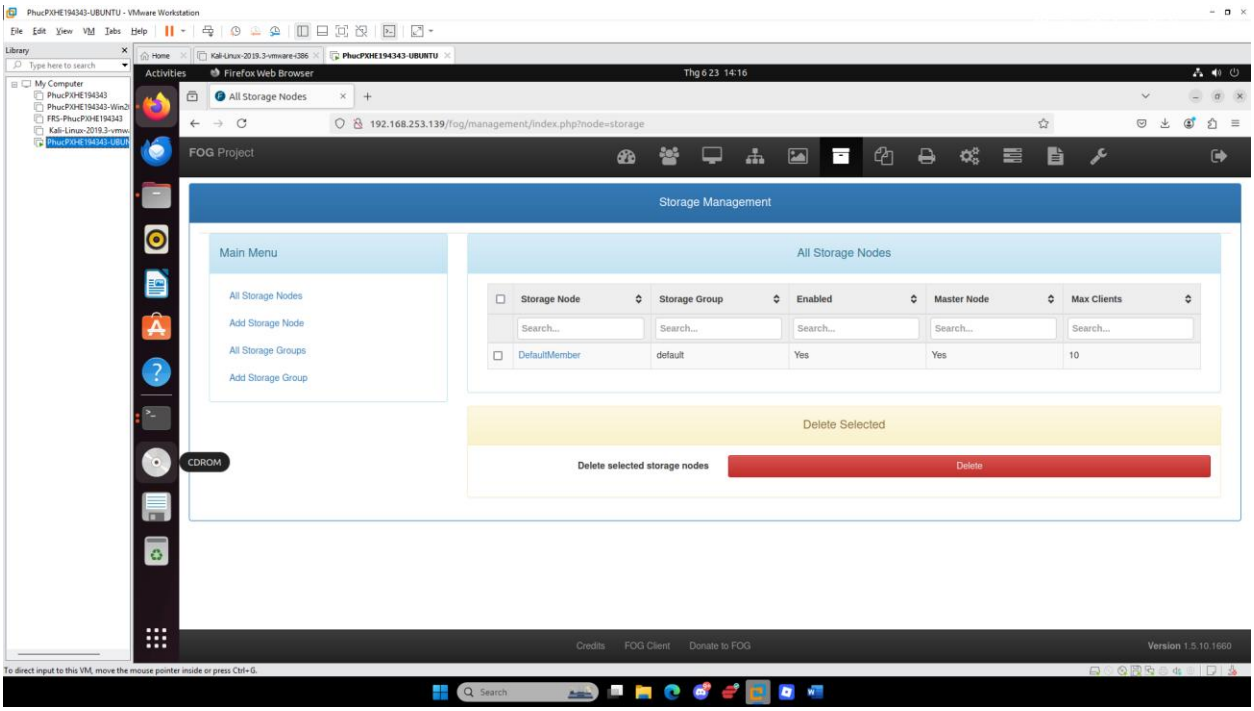

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Terminal
Thg 6 23 13:39
phucpxhe194343@phucpxhe194343-virtual-machine: ~/Desktop/fog_1.4.4/bin
* Here are the settings FOG will use:
* Base Linux: Debian
* Detected Linux Distribution: Ubuntu
* Server IP Address: 192.168.253.139
* Server Subnet Mask: 255.255.255.0
* Interface: ens33
* Installation Type: Normal Server
* Internationalization: 0
* Image Storage Location: /images
* Using FOG DHCP: No
* DHCP will NOT be setup but you must setup your
| current DHCP server to use FOG for PXE services.
* On a Linux DHCP server you must set: next-server and filename
* On a Windows DHCP server you must set options 066 and 067
* Option 066/next-server is the IP of the FOG Server: (e.g. 192.168.253.139)
* Option 067/filename is the bootfile: (e.g. undionly.kpxe)
Floppy Disk
fog_1.4.4
Home


PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Terminal
Thg 6 23 14:14
phucpxhe194343@phucpxhe194343-virtual-machine: ~/Downloads/FOGProject-fogproject-4945bfa/bin
NOTICE: Make sure you choose a good password but also one
you can remember or use a password manager to store it.
The installer won't store the given password in any place
and it will be lost right after the installer finishes!
Please enter a new database *root* password to be set:
We don't accept a blank database *root* password anymore and
will generate a password for you to use. Please make sure
you save the following password in an appropriate place as
the installer won't store it for you.
Database root password: k9RUc)vJTIrQaS2oAkaS
Press [Enter] to procede...
OK
* Backing up user reports.....Done
* Stopping web service.....OK
* Setting up Apache and PHP files.....OK
* Testing and removing symbolic links if found.....OK
* Backing up old data.....OK
* Copying new files to web folder.....OK
ng config file.....OK
ng redirection index file.....Skipped
* Downloading kernel, init and fog-client binaries.....Done
* Copying binaries to destination paths.....OK
* Enabling apache and fpm services on boot.....OK
* Creating SSL CA.....OK
* Creating SSL Private Key.....OK
* Creating SSL Certificate.....OK
* Creating auth pub key and cert.....OK
* Resetting SSL Permissions.....OK
* Setting up Apache virtual host (no SSL).....OK
* Starting and checking status of web services.....OK
* Changing permissions on apache log files.....OK
* Backing up database.....Done
* You still need to install/update your database schema.
* This can be done by opening a web browser and going to:
http://192.168.253.139/fog/management
* Press [Enter] key when database is updated/installed.


PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Firefox Web Browser
Thg 6 23 14:14
Database Schema Install
192.168.253.139/fog/management/?node=schema
FOG Project
Install/Update
If you would like to backup your FOG database you can do so using MySQL Administrator or by running the following command in a terminal window (Applications->System Tools->Terminal), this will save the backup in your home directory.
mysqldump --allow-keywords -x -v fog > fogbackup.sql
Your FOG database schema is not up to date, either because you have updated or this is a new FOG installation. If this is an upgrade, there will be a database backup stored on your FOG server defaulting under the folder /home/fogDBbackups. Should anything go wrong, this backup will enable you to return to the previous install if needed.
Are you sure you wish to install or update the FOG database?
Help
Install/Update Now
Credits
FOG Client
Donate to FOG

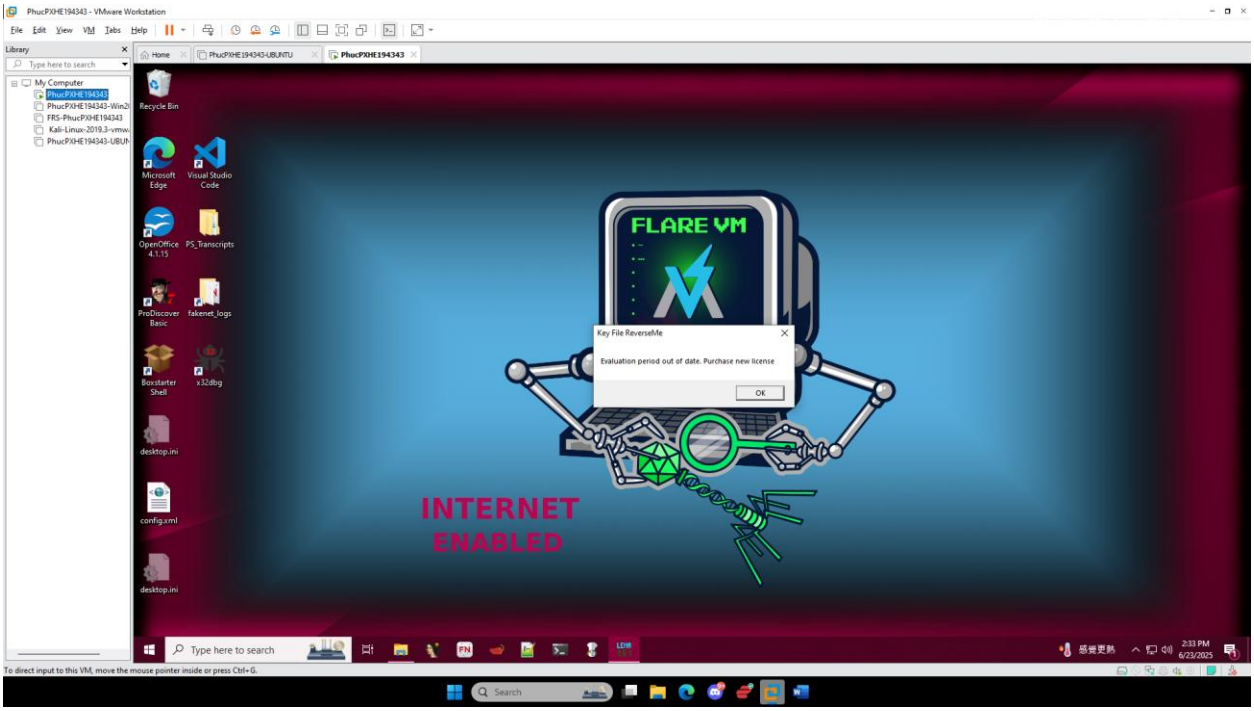

PhucPXHE194343-UBUNTU - VMware Workstation
Activities
Firefox Web Browser
Thg 6 23 14:15
Login
192.168.253.139/fog/management/index.php
FOG Project
FOG Project
Username
fog
Password
Language
English
Login
Estimated FOG Sites:
3607
Latest Version:
1.5.10.1660
Latest Development Version:
1.5.10.1660
Ubuntu Software
Credits
FOG Client
Donate to FOG



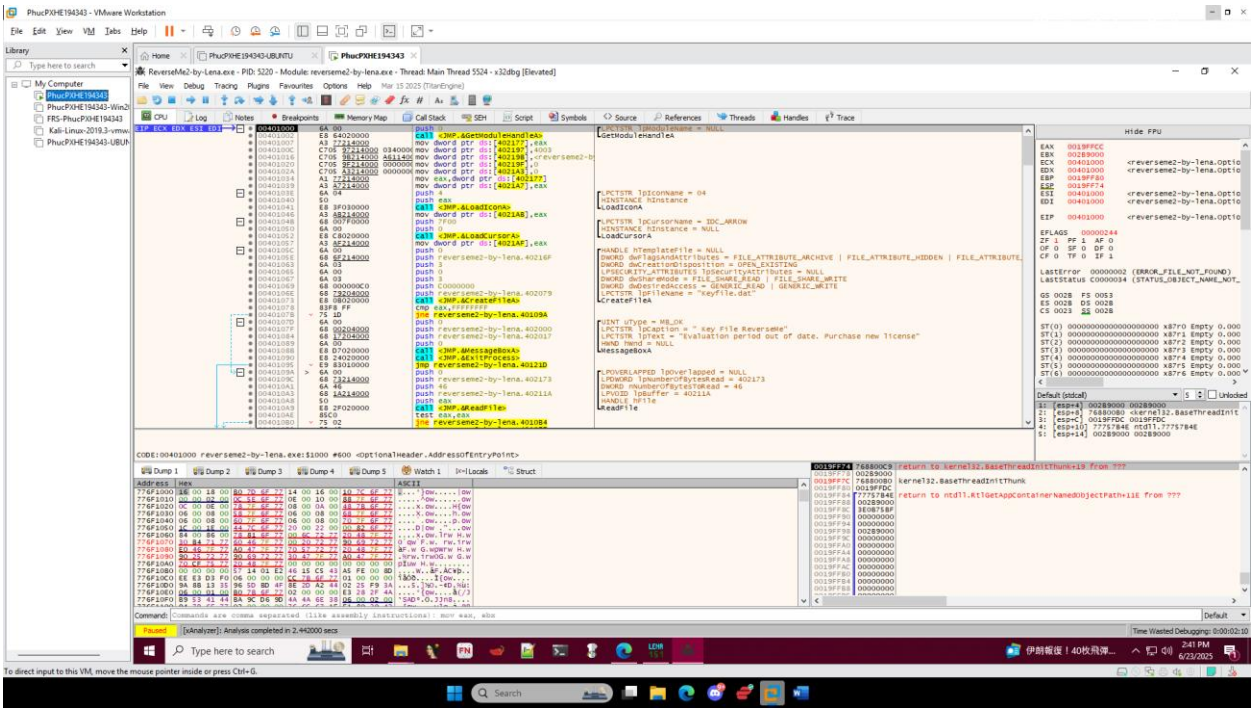


Crack Me 10

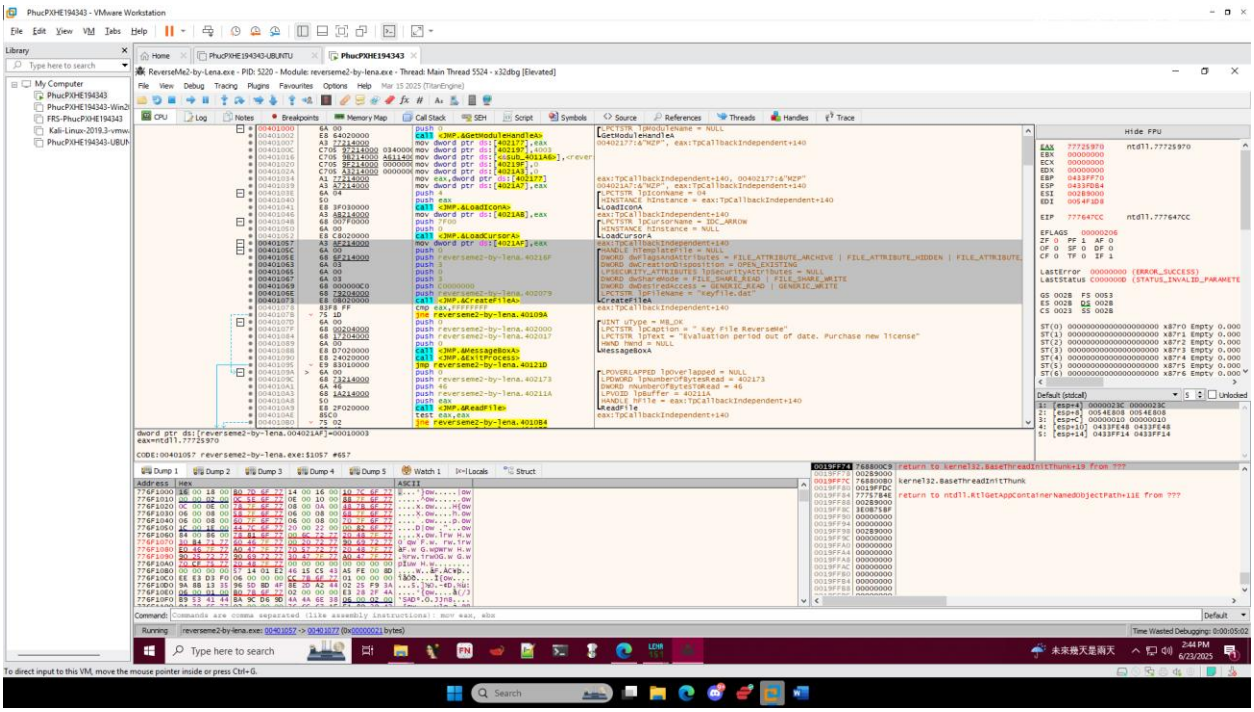
Step 1: Open the exe file to check for any requirement



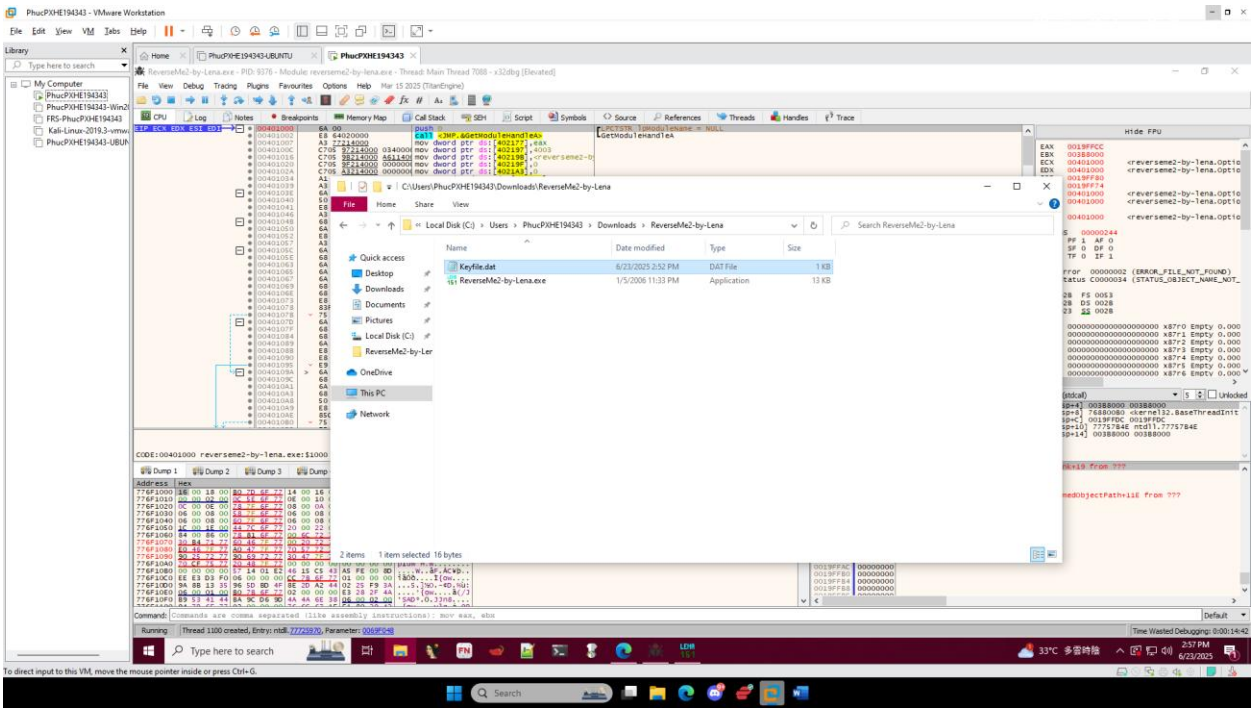
Step 2: Using xanalyze to analyze the assembly code



Step 3: Run the file and you we can see that in the highlighted code is a function to look for a file named “keyfile.dat”

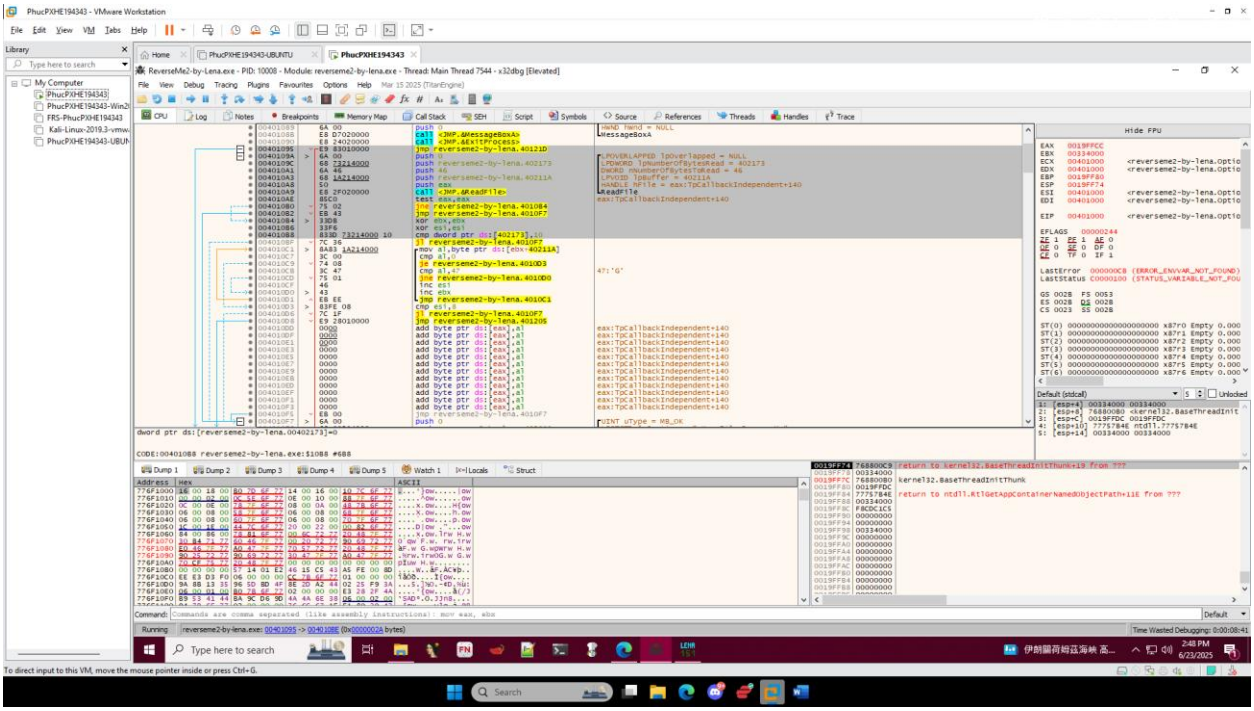


Step 4: Now what we need to do is create a new file named “keyfile.dat”

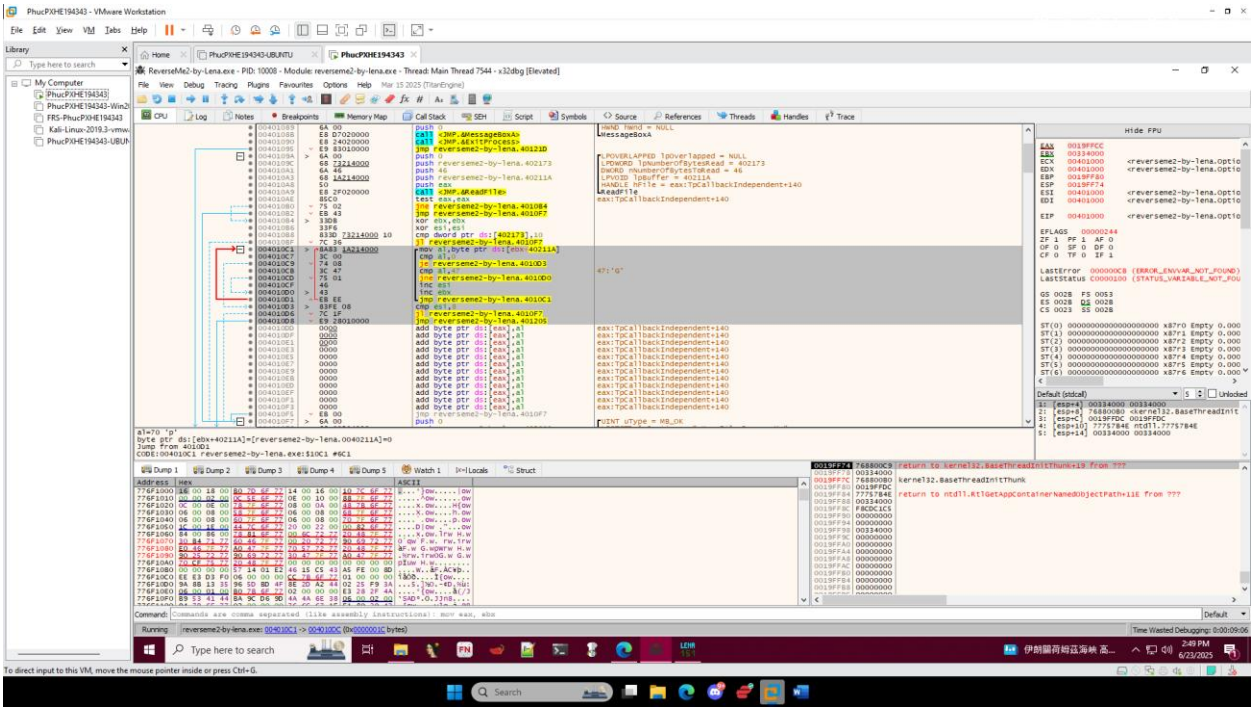


Step 5: Next, return to the program and look at the function located directly below the previous one. This function attempts to read the file **“Keyfile.dat.”** If the file is not found,

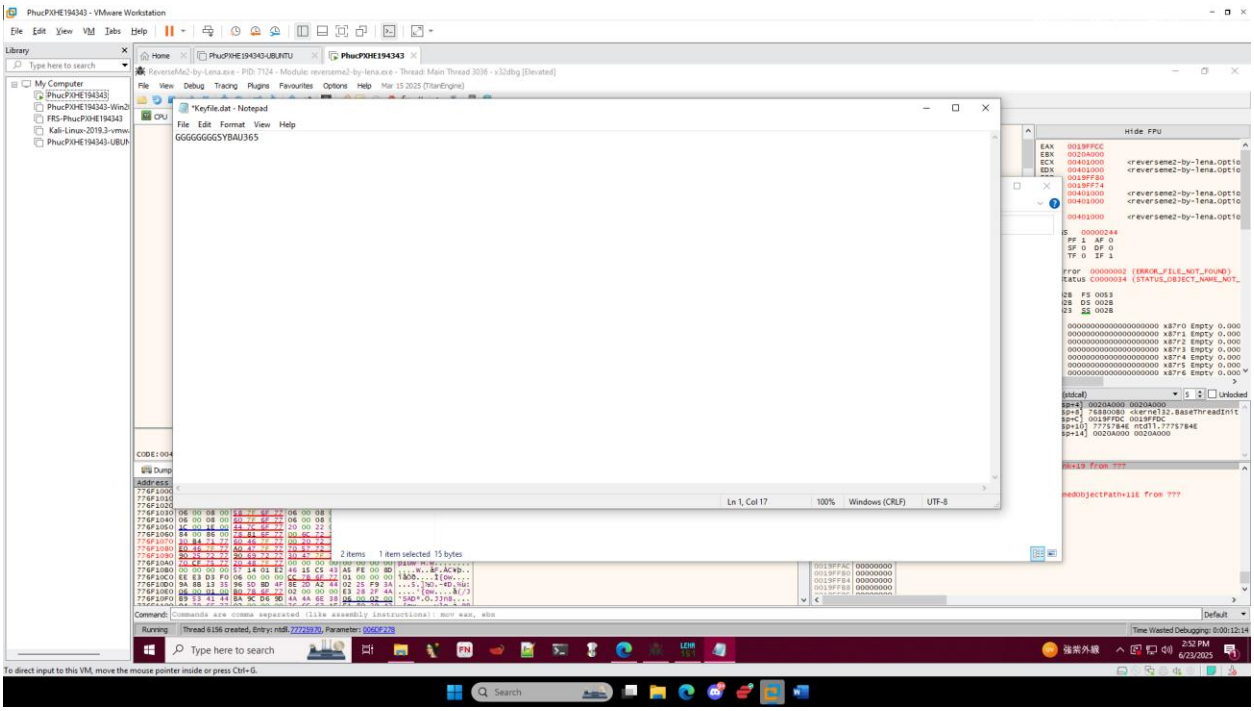
the program jumps to display an error message and then proceeds to the next function. Otherwise, it continues execution as normal.



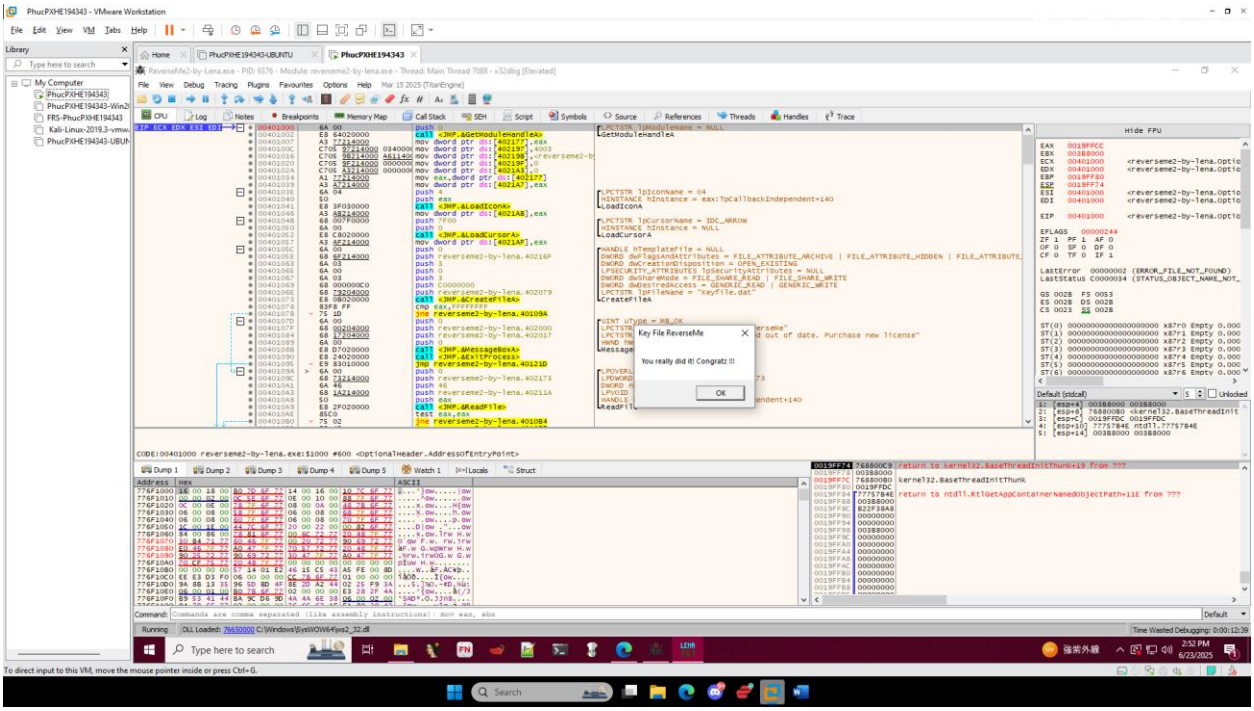
Step 6: Now it moves to the next function, which performs a comparison. This function checks whether the contents of **“Keyfile.dat”** are exactly 16 characters long. If not, the program jumps to display an error message. Enter 16 random characters into **Keyfile.dat** to test the program. If the file meets the length requirement, the program proceeds to the next function. This section is essentially a loop that compares each character in your key to the correct key, one by one. Inside the loop, it checks whether it has reached the end of the key. If not, it compares the current character to **'G'**. If the character matches **'G'**, it then checks whether the first 8 characters are all **'G'**. If not, the loop continues until it reaches the 8th character.



Step 7: Now go to the keyfile.dat and the right key should be a string with 16 characters and the first 8 characters are all “G”s while the rest doesn’t matter



Step 8: Run the program again and we should get the good message


PhucPXHE194343 - VMware Workstation
Key File ReverseMe
You really did it! Congratz !!!
OK