

Họ và tên: Trần Trí Dũng

Mã số sinh viên: HE190680

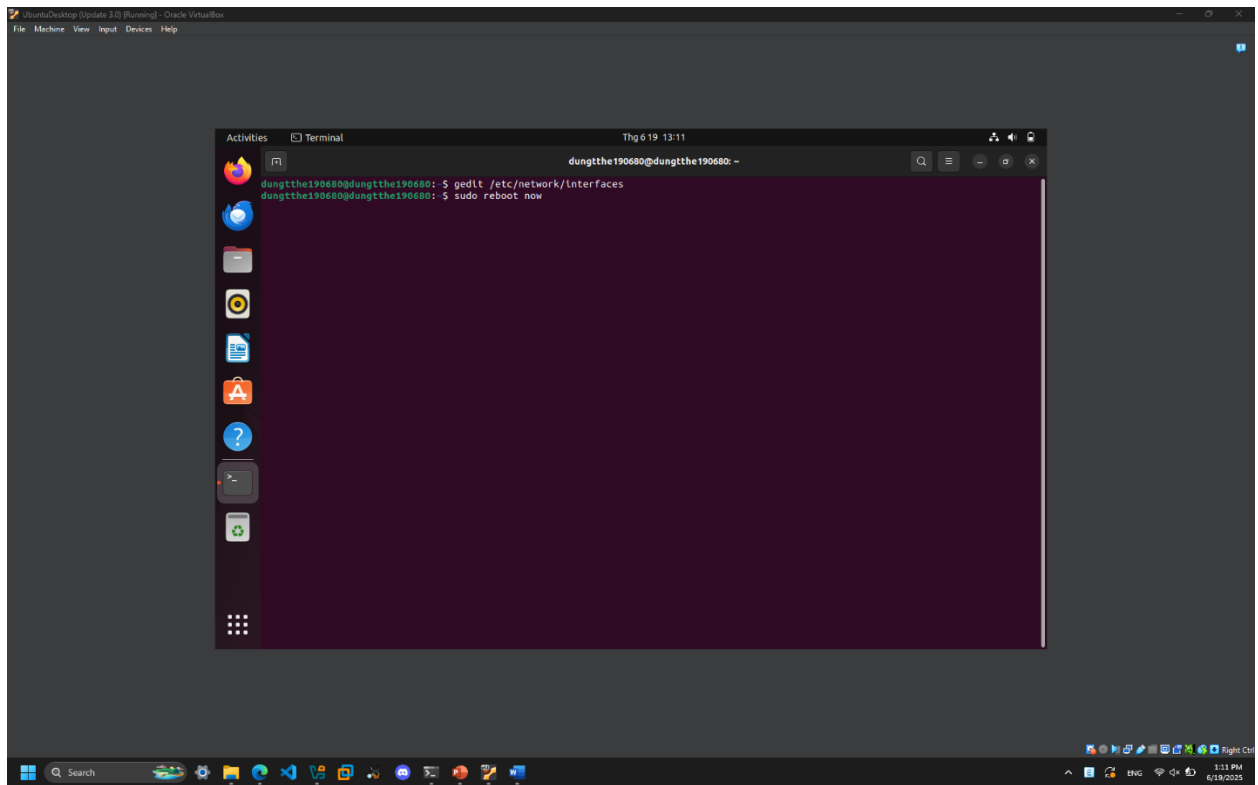
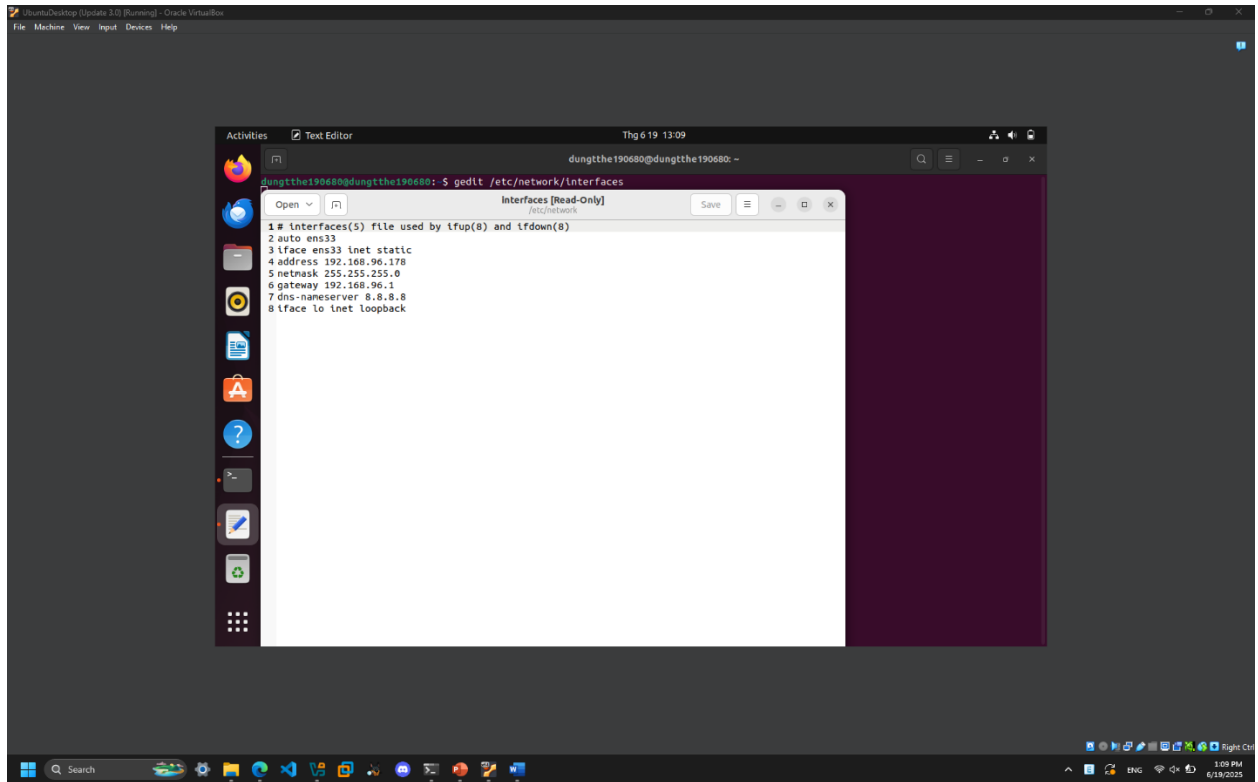
Lớp: IA1901

Lab 11:

Install FOG:

```
dungthe190680@dungthe190680:~$ 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
dungthe190680@dungthe190680:~$ 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
dungthe190680@dungthe190680:~$ 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).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
dungthe190680@dungthe190680:~$
```




```

* Are you sure you wish to continue (Y/N) Y

* Installation Started

* Testing Internet connection.....Done
* Adjusting repository (can take a long time for cleanup).....OK
* Preparing Package Manager.....OK
* Packages to be installed:

  apache2 bc build-essential cpp curl g++ gawk gcc gcc-aarch64-linux-gnu genisoimage git gzip htatdoc isolinux lftp libapache2-mod-php libcurl liblzma-dev m4 mariadb-client mariadb-server net-tools nfs-kernel-server openssh-server php php-bcmath php-cli php-curl php-fpm php-gd php-json php-ldap php-mbstring php-mysql tar tftpd-hpa tftp-hpa unzip vsftpd wget zlib

* Skipping package: apache2.....(Already Installed)
* Skipping package: bc.....(Already Installed)
* Skipping package: build-essential.....(Already Installed)
* Skipping package: cpp.....(Already Installed)
* Skipping package: curl.....(Already Installed)
* Skipping package: g++.....(Already Installed)
* Skipping package: gawk.....(Already Installed)
* Skipping package: gcc.....(Already Installed)
* Skipping package: gcc-aarch64-linux-gnu.....(Already Installed)
* Skipping package: genisoimage.....(Already Installed)
* Skipping package: git.....(Already Installed)
* Skipping package: gzip.....(Already Installed)
* Skipping package: htatdoc.....(Already Installed)
* Skipping package: isolinux.....(Already Installed)
* Skipping package: lftp.....(Already Installed)
* Skipping package: libapache2-mod-php.....(Already Installed)
* Skipping package: libcurl.....(Already Installed)
* Skipping package: liblzma-dev.....(Already Installed)
* Skipping package: m4.....(Already Installed)
* Skipping package: mariadb-client.....(Already Installed)
* Skipping package: mariadb-server.....(Already Installed)
* Skipping package: net-tools.....(Already Installed)
* Skipping package: nfs-kernel-server.....(Already Installed)
* Skipping package: openssh-server.....(Already Installed)
* Skipping package: php.....(Already Installed)
* Skipping package: php-bcmath.....(Already Installed)
* Skipping package: php-cli.....(Already Installed)
* Skipping package: php-curl.....(Already Installed)
* Skipping package: php-fpm.....(Already Installed)
* Skipping package: php-gd.....(Already Installed)
* Skipping package: php-json.....(Already Installed)
* Skipping package: php-ldap.....(Already Installed)
* Skipping package: php-mbstring.....(Already Installed)
* Skipping package: php-mysql.....(Already Installed)
* Skipping package: tar.....(Already Installed)
* Skipping package: tftpd-hpa.....(Already Installed)
* Skipping package: tftp-hpa.....(Already Installed)
* Skipping package: unzip.....(Already Installed)
* Skipping package: vsftpd.....(Already Installed)
* Skipping package: wget.....(Already Installed)
* Skipping package: zlib.....(Already Installed)
* Updating packages as needed.....OK

```

```

* Checking package: openssh-server.....OK
* Checking package: php.....OK
* Checking package: php-bcmath.....OK
* Checking package: php-cli.....OK
* Checking package: php-curl.....OK
* Checking package: php-fpm.....OK
* Checking package: php-gd.....OK
* Checking package: php-json.....OK
* Checking package: php-ldap.....OK
* Checking package: php-mbstring.....OK
* Checking package: php-mysql.....OK
* Checking package: tar.....OK
* Checking package: tftpd-hpa.....OK
* Checking package: tftp-hpa.....OK
* Checking package: unzip.....OK
* Checking package: vsftpd.....OK
* Checking package: wget.....OK
* Checking package: zlib.....OK

* Configuring services

* Setting up fogproject user.....Skipped
* Locking fogproject as a system account.....OK
* Setting up fogproject password.....OK
* Stopping FOGMulticastManager.service Service.....OK
* Stopping FOGImageReplicator.service Service.....OK
* Stopping FOGImageScheduler.service Service.....OK
* Stopping FOGImageHosts.service Service.....OK
* Stopping FOGImageHash.service Service.....OK
* Stopping FOGImageSize.service Service.....OK
* Setting up and starting MySQL.....OK
* Setting up MySQL user and database.....Skipped
* 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
* Creating config file.....OK
* Creating 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 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://192.168.96.178/fog/management

* Press [Enter] key when database is updated/installed.

```

```
dungthethe190680@dungthethe1: ~
* Configuring default IPXE file.....OK
* Setting up and starting TFTP Server.....OK
* Setting up and starting VSFTP Server.....OK
* Setting up FOG Snapins.....OK
* Setting up UDPCast.....OK
* Configuring UDPCast.....OK
* Building UDPCast.....OK
* Installing UDPCast.....OK
* Installing FOG System Scripts.....OK

* Configuring FOG System Services

* Setting permissions on FOGMulticastManager.service script....OK
* Enabling FOGMulticastManager.service Service.....OK
* Setting permissions on FOGImageReplicator.service script....OK
* Enabling FOGImageReplicator.service Service.....OK
* Setting permissions on FOGSnapinReplicator.service script....OK
* Enabling FOGSnapinReplicator.service Service.....OK
* Setting permissions on FOGScheduler.service script.....OK
* Enabling FOGScheduler.service Service.....OK
* Setting permissions on FOGPingHosts.service script.....OK
* Enabling FOGPingHosts.service Service.....OK
* Setting permissions on FOGSnapinHash.service script.....OK
* Enabling FOGSnapinHash.service Service.....OK
* Setting permissions on FOGImageSize.service script.....OK
* Enabling FOGImageSize.service Service.....OK
* Setting up FOG Services.....OK
* Starting FOGMulticastManager.service Service.....OK
* Starting FOGImageReplicator.service Service.....OK
* Starting FOGSnapinReplicator.service Service.....OK
* Starting FOGScheduler.service Service.....OK
* Starting FOGPingHosts.service Service.....OK
* Starting FOGSnapinHash.service Service.....OK
* Starting FOGImageSize.service Service.....OK
* Setting up NFS configuration file.....OK
* Setting up exports file.....OK
* Setting up and starting RPCbind.....OK
* Setting up and starting NFS Server.....OK
* Ensuring node username and passwords match.....Done
* Setting up FOG External Reporting.....Done

* Setup complete

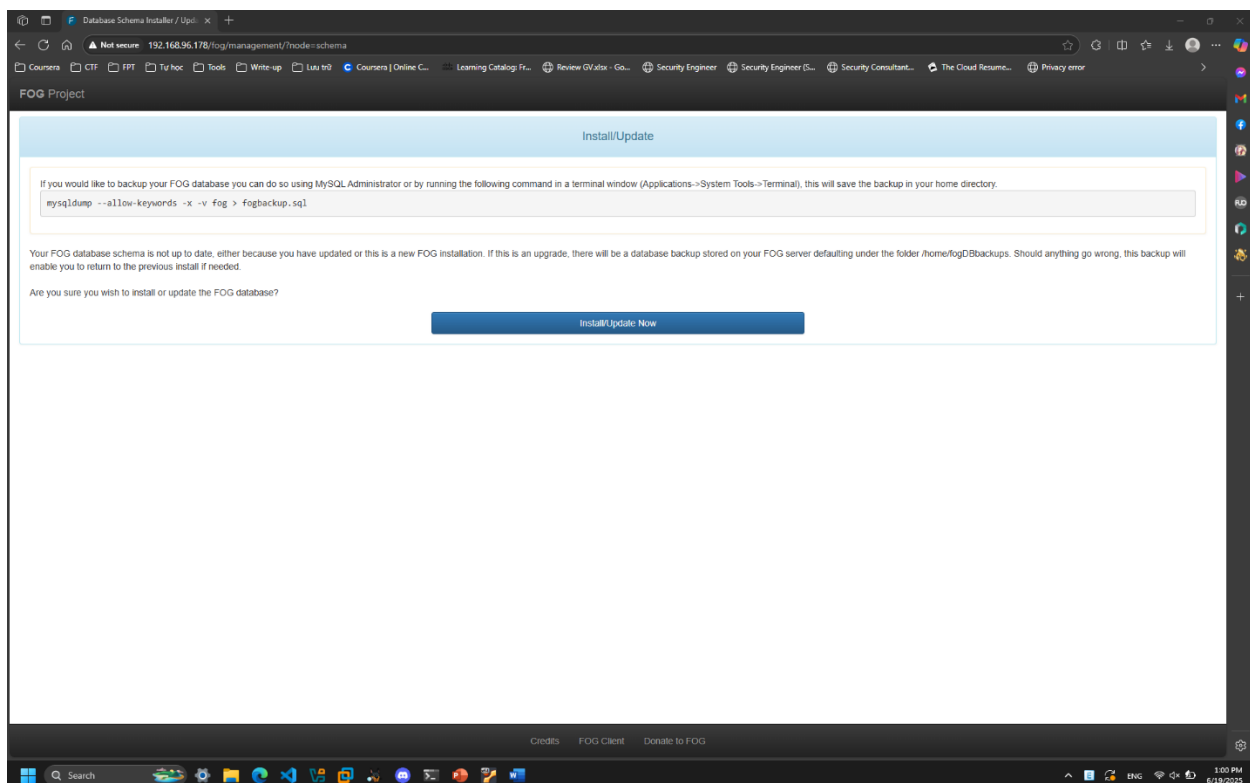
You can now login to the FOG Management Portal using
the information listed below. The login information
is only if this is the first install.

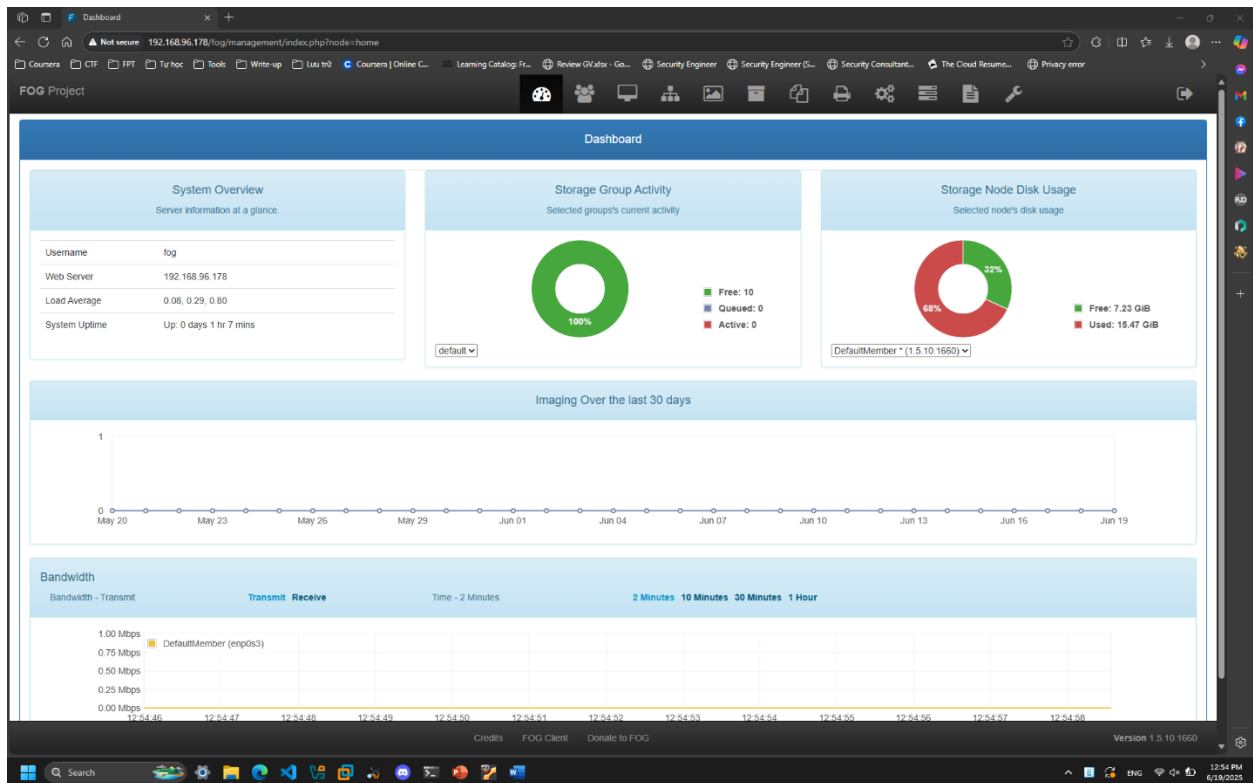
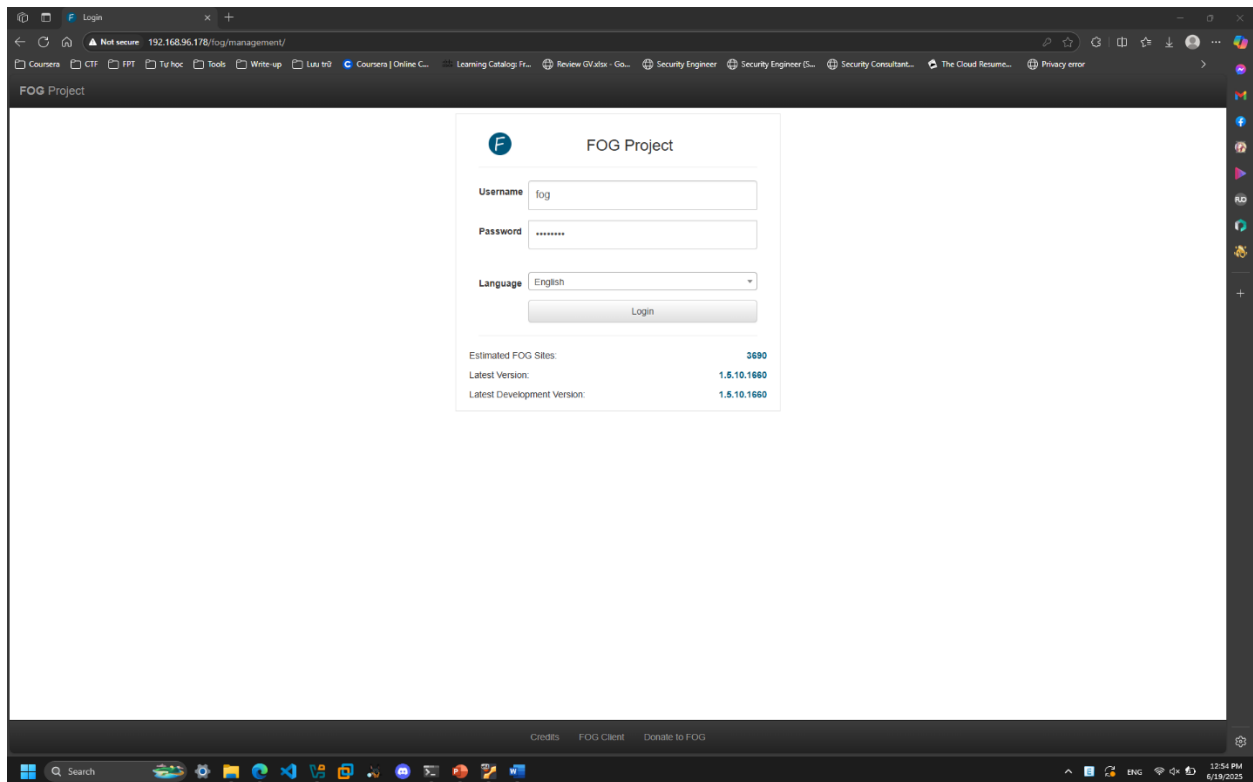
This can be done by opening a web browser and going to:

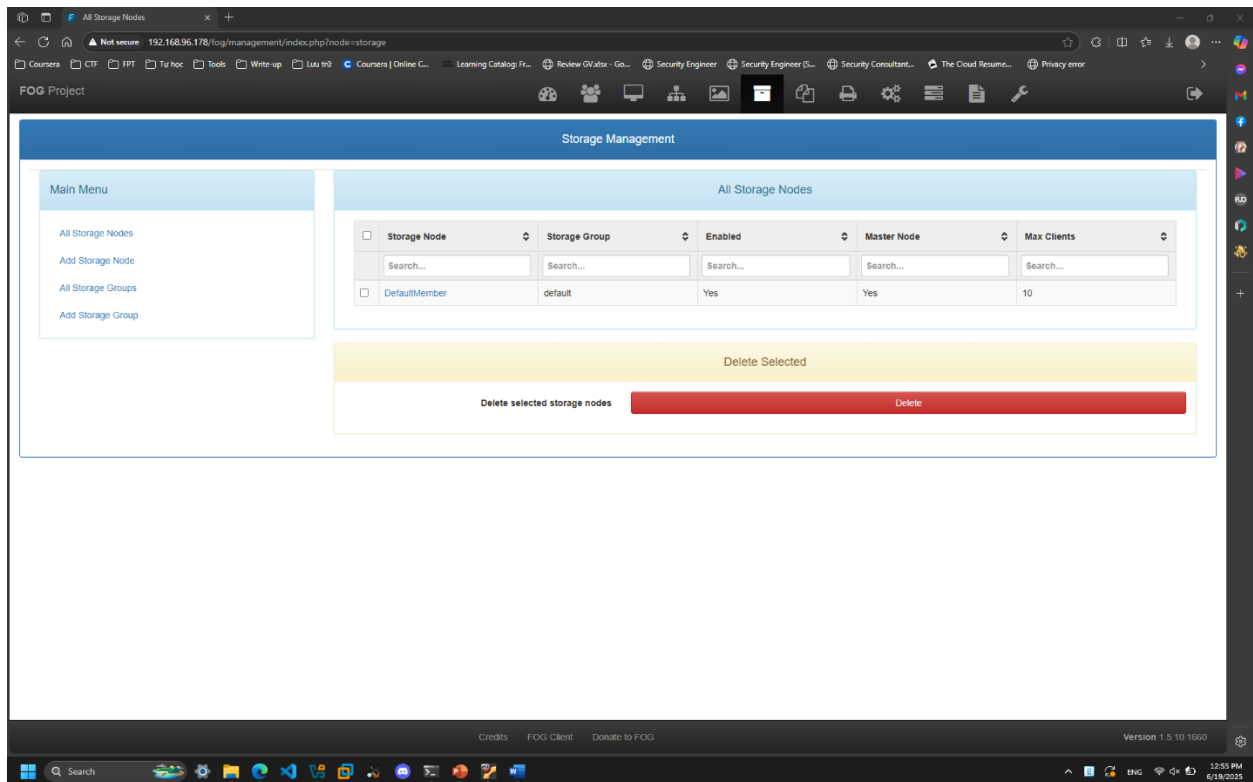
http://192.168.96.178/fog/management

Default User Information
Username: fog
Password: password

dungthethe190680@dungthethe1: ~/Desktop/fog_1.4.4/bin$
```

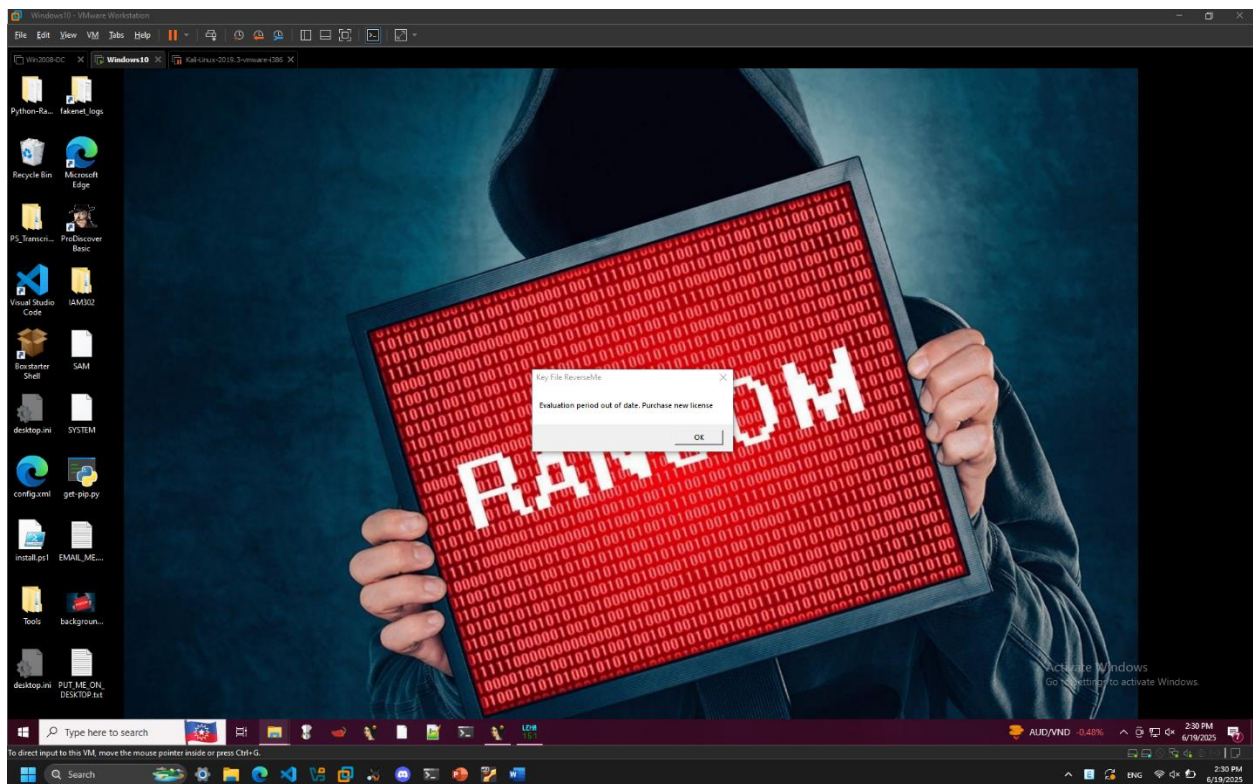






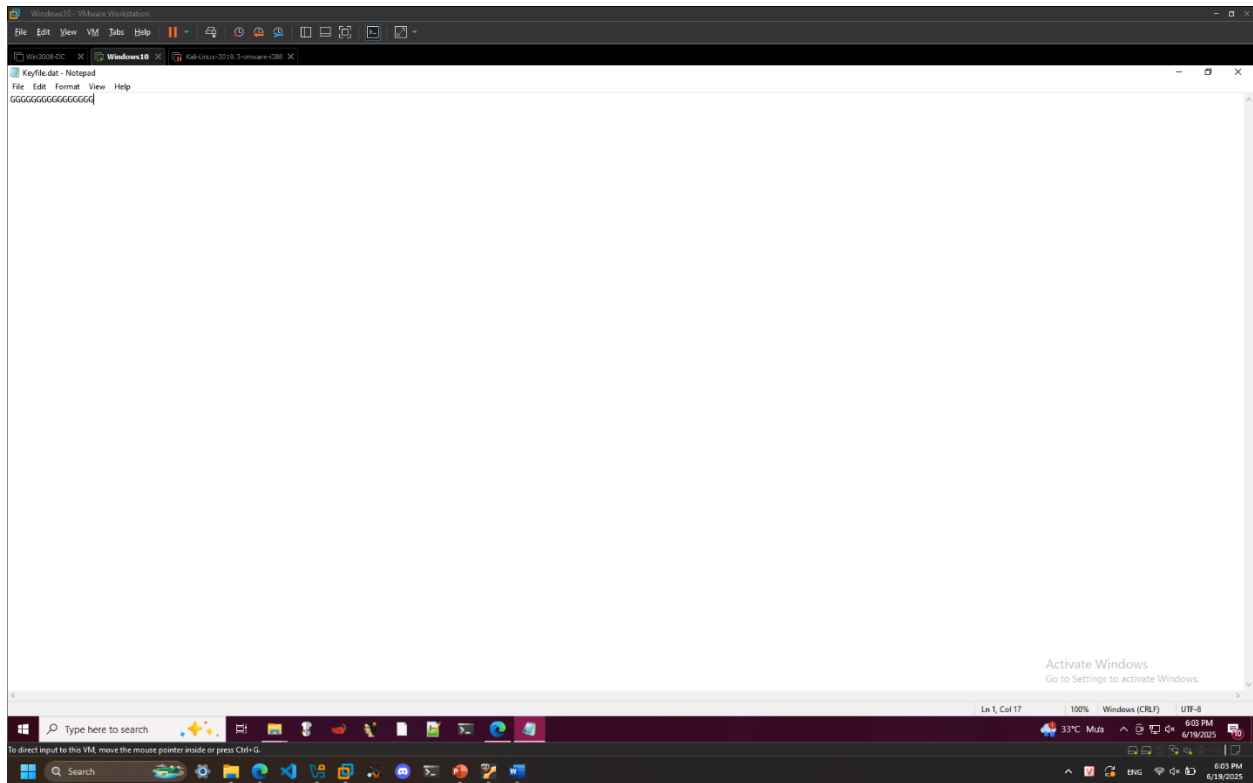
CrackMe #10

Đầu tiên em thử chạy chương trình và nhận được thông báo có từ khóa “Evaluation”:



[illegible]

Có thể thấy thông báo thành công chỉ được hiển thị khi chương trình đọc được file “Keyfile.dat” và đọc được ít nhất 16 ký tự trong đó có ít nhất 8 ký tự “G”, vì vậy em tạo file “Keyfile.dat” trong cùng thư mục với chương trình và nhập nội dung là 16 ký tự “G”:



Lưu lại và chạy chương trình thì em nhận được thông báo đã thành công:

