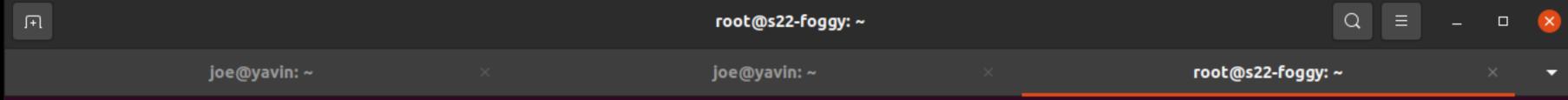


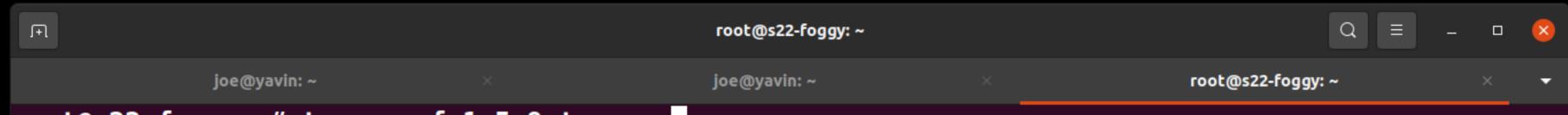
root@s22-foggy:~# apt install software-properties-common

root@s22-foggy:~# wget https://github.com/FOGProject/fogproject/archive/1.5.9.tar.gz



root@s22-foggy:~# ls

1.5.9.tar.gz snap root@s22-foggy:~#



root@s22-foggy:~# tar -xvzf 1.5.9.tar.gz







joe@yavin: ~

root@s22-foggy: ~/fogproject-1.5.9



root@s22-foggy:~# cd fogproject-1.5.9/

root@s22-foggy:~/fogproject-1.5.9# ./bin/installfog.sh



root@s22-foggy: ~/fogproject-1.5.9

```
...##....##:::##
       .::###,,##. . ##.::#.:#####::
           ..##....##::##
          ...##:,;##;:::#: ... ##..
            .:;####;::::.##:::;#:..
                       ..:;###..
   Free Computer Imaging Solution
Credits: http://fogproject.org/Credits
    http://fogproject.org/Credits
    Released under GPL Version 3
```

**Version: 1.5.9 Installer/Updater** 

joe@yavin: ~

What version of Linux would you like to run the installation for?

- 1) Redhat Based Linux (Redhat, CentOS, Mageia)
- 2) Debian Based Linux (Debian, Ubuntu, Kubuntu, Edubuntu)
- 3) Arch Linux

Choice: [2] 2

yavin: ~

root@s22-foggy: ~/fogproject-1.5.9

- 1) Redhat Based Linux (Redhat, CentOS, Mageia)
- 2) Debian Based Linux (Debian, Ubuntu, Kubuntu, Edubuntu)
- 3) Arch Linux

joe@yavin: ~

Choice: [2] 2

Starting Debian based Installation

FOG Server installation modes:

\* Normal Server: (Choice N)

This is the typical installation type and
will install all FOG components for you on this
machine. Pick this option if you are unsure what to pick.

\* Storage Node: (Choice S)
This install mode will only install the software required
to make this server act as a node in a storage group

More information:

http://www.fogproject.org/wiki/index.php?title=InstallationModes

What type of installation would you like to do? [N/s (Normal/Storage)] N

root@s22-foggy: ~/fogproject-1.5.9

## Starting Debian based Installation

### FOG Server installation modes:

- \* Normal Server: (Choice N)

  This is the typical installation type and
  will install all FOG components for you on this
  machine. Pick this option if you are unsure what to pick.
- \* Storage Node: (Choice S)
  This install mode will only install the software required
  to make this server act as a node in a storage group

### More information:

http://www.fogproject.org/wiki/index.php?title=InstallationModes

What type of installation would you like to do? [N/s (Normal/Storage)] N

We found the following interfaces on your system:

\* ens4 - 144.38.199.35/28

Would you like to change the default network interface from ens4? If you are not sure, select No. [y/N]

Would you like to setup a router address for the DHCP server? [Y/n] Y





joe@yavin: ~

root@s22-foggy: ~/fogproject-1.5.9

- \* Normal Server: (Choice N)
  This is the typical installation type and
  will install all FOG components for you on this
  machine. Pick this option if you are unsure what to pick.
- \* Storage Node: (Choice S)
  This install mode will only install the software required
  to make this server act as a node in a storage group

### More information:

http://www.fogproject.org/wiki/index.php?title=InstallationModes

What type of installation would you like to do? [N/s (Normal/Storage)] N

We found the following interfaces on your system: \* ens4 - 144.38.199.35/28

Would you like to change the default network interface from ens4? If you are not sure, select No. [y/N]

Would you like to setup a router address for the DHCP server? [Y/n] Y What is the IP address to be used for the router on the DHCP server? [144.38.199.33]

Would you like DHCP to handle DNS? [Y/n] Y
What DNS address should DHCP allow? [127.0.0.53] 144.38.192.2

joe@yavin: ~

root@s22-foggy: ~/fogproject-1.5.9

\* Storage Node: (Choice S)

This install mode will only install the software required to make this server act as a node in a storage group

### More information:

http://www.fogproject.org/wiki/index.php?title=InstallationModes

What type of installation would you like to do? [N/s (Normal/Storage)] N

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Would you like DHCP to handle DNS? [Y/n] Y
What DNS address should DHCP allow? [127.0.0.53] 144.38.192.2

Would you like to use the FOG server for DHCP service? [y/N] N

This version of FOG has internationalization support, would you like to install the additional language packs? [y/N] N

root@s22-foggy: ~/fogproject-1.5.9

What type of installation would you like to do? [N/s (Normal/Storage)] N

We found the following interfaces on your system: \* ens4 - 144.38.199.35/28

Would you like to change the default network interface from ens4? If you are not sure, select No. [y/N]

Would you like to setup a router address for the DHCP server? [Y/n] Y What is the IP address to be used for the router on the DHCP server? [144.38.199.33]

Would you like DHCP to handle DNS? [Y/n] Y
What DNS address should DHCP allow? [127.0.0.53] 144.38.192.2

Would you like to use the FOG server for DHCP service? [y/N] N

This version of FOG has internationalization support, would you like to install the additional language packs? [y/N] N

Using encrypted connections is state of the art on the web and we encourage you to enable this for your FOG server. But using HTTPS has some implications within FOG, PXE and fog-client and you want to read https://wiki.fogproject.org/HTTPS before you decide!
Would you like to enable secure HTTPS on your FOG server? [y/N] N

root@s22-foggy: ~/fogproject-1.5.9

Would you like to change the default network interface from ens4? If you are not sure, select No. [y/N]

Would you like to setup a router address for the DHCP server? [Y/n] Y What is the IP address to be used for the router on the DHCP server? [144.38.199.33]

Would you like DHCP to handle DNS? [Y/n] Y
What DNS address should DHCP allow? [127.0.0.53] 144.38.192.2

Would you like to use the FOG server for DHCP service? [y/N] N

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Using encrypted connections is state of the art on the web and we encourage you to enable this for your FOG server. But using HTTPS has some implications within FOG, PXE and fog-client and you want to read https://wiki.fogproject.org/HTTPS before you decide!
Would you like to enable secure HTTPS on your FOG server? [y/N] N

Which hostname would you like to use? Currently is: s22-foggy Note: This hostname will be in the certificate we generate for your FOG webserver. The hostname will only be used for this but won't be set as a local hostname on your server! Would you like to change it? If you are not sure, select No. [y/N] N

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

\* Option 067/filename is the bootfile: (e.g. undionly.kpxe)



root@s22-foggy: ~/fogproject-1.5.9



root@s22-dhcp: /etc/dhcp

While that is installing, i will add those options to my dhcp server root@s22-dhcp:/etc/dhcp#









root@s22-dhcp: /etc/dhcp

root@s22-foggy: ~/fogproject-1.5.9

# ftpd-hpa unzip vsftpd wget xinetd zlib1g

*	Installing package:	apache20K	
*	Skipping package:	bc(Already	<b>Installed</b> )
*	Installing package:	build-essentialOK	
*	Skipping package:	cpp(Already	<b>Installed</b> )
	Skipping package:	curl(Already	
*	Skipping package:	g++(Already	Installed)
*	Skipping package:	gawk(Already	
*	Skipping package:	gcc(Already	Installed)
*	Installing package:	genisoimageOK	
*	Skipping package:	git(Already	<b>Installed</b> )
*	Skipping package:	gzip(Already	<b>Installed</b> )
*	Installing package:	htmldocOK	
*	Installing package:	isolinuxOK	
*	Installing package:	lftpOK	
*	Installing package:	libapache2-mod-php7.4OK	
*	Skipping package:	libc6(Already	<b>Installed</b> )
*	Skipping package:	libcurl4(Already	<b>Installed</b> )
*	Installing package:	liblzma-devOK	
*	Installing package:	m4OK	
		mariadb-clientOK	
*	Installing package:	mariadb-serverOK	
		net-toolsOK	
*	Installing package:	nfs-kernel-server	

root@s22-foggy: ~/fogproject-1.5.9

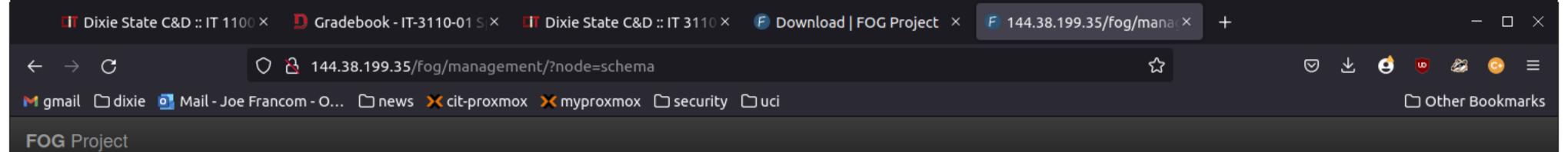






joe@yavin: ~ × root@s22-dhcp: /	/etc/dhcp ×
* Stopping web service	OK
* Setting up Apache and PHP files	OK
* Testing and removing symbolic links if found	
* Backing up old data	
* Copying new files to web folder	
* Creating config file	
* Creating redirection index file	
* Downloading kernel, init and fog-client binari	
* Copying binaries to destination paths	
* Enabling apache and fpm services on boot	
* Creating SSL CA	
* Creating SSL Private Key	
* Creating SSL Certificate	
* Creating auth pub key and cert	
* Resetting SSL Permissions	
* Setting up Apache virtual host (no SSL)	
* Starting and checking status of web services	
* Changing permissions on apache log files	
* Backing up database	Done
* You still need to install/update your database	
* This can be done by opening a web browser and	going to:
http://144.38.199.35/fog/management	

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



Install / Update Successful!

Click here to login

Credits FOG Client Donate to FOG

root@s22-foggy: ~/fogproject-1.5.9







joe@yavin: ~ × root@s22-dhcp: /	/etc/dhcp ×
* Stopping web service	OK
* Setting up Apache and PHP files	OK
* Testing and removing symbolic links if found	
* Backing up old data	
* Copying new files to web folder	
* Creating config file	
* Creating redirection index file	
* Downloading kernel, init and fog-client binari	
* Copying binaries to destination paths	
* Enabling apache and fpm services on boot	
* Creating SSL CA	
* Creating SSL Private Key	
* Creating SSL Certificate	
* Creating auth pub key and cert	
* Resetting SSL Permissions	
* Setting up Apache virtual host (no SSL)	
* Starting and checking status of web services	
* Changing permissions on apache log files	
* Backing up database	Done
* You still need to install/update your database	
* This can be done by opening a web browser and	going to:
http://144.38.199.35/fog/management	

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





root@s22-dhcp: /etc/dhcp

root@s22-foggy: ~/fogproject-1.5.9

\* Linking FOG Logs to Linux Logs......OK

\* Linking FOG Service config /etc.....OK

\* Ensuring node username and passwords match...........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://144.38.199.35/fog/management

**Default User Information** 

Username: fog

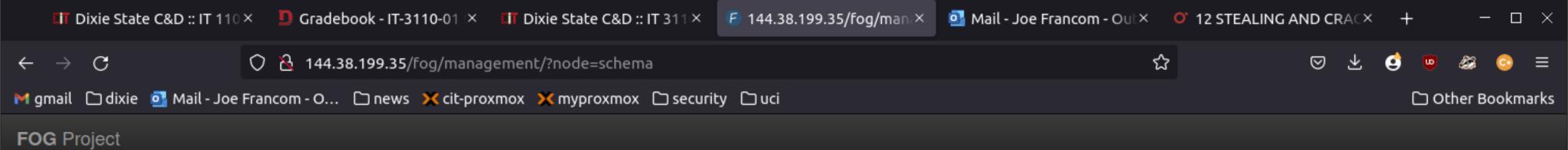
Password: password

\* Changed configurations:

The FOG installer changed configuration files and created the following backup files from your origional files:

\* /etc/vsftpd.conf <=> /etc/vsftpd.conf.1643217518

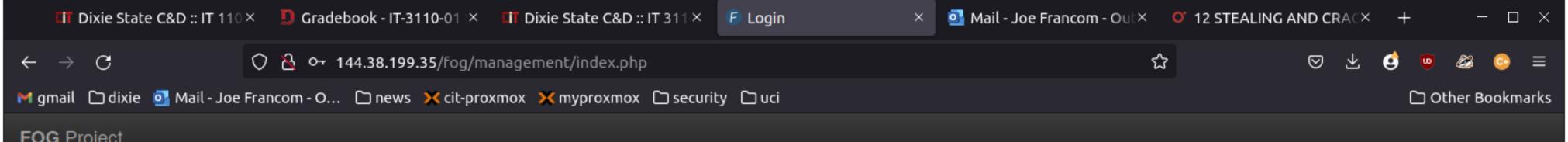
\* /etc/exports <=> /etc/exports.1643217518



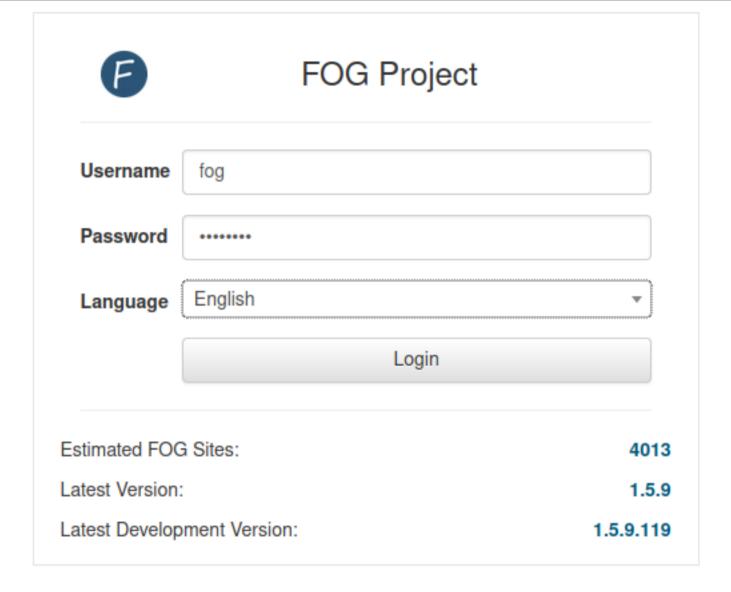
Install / Update Successful!

Click here to login

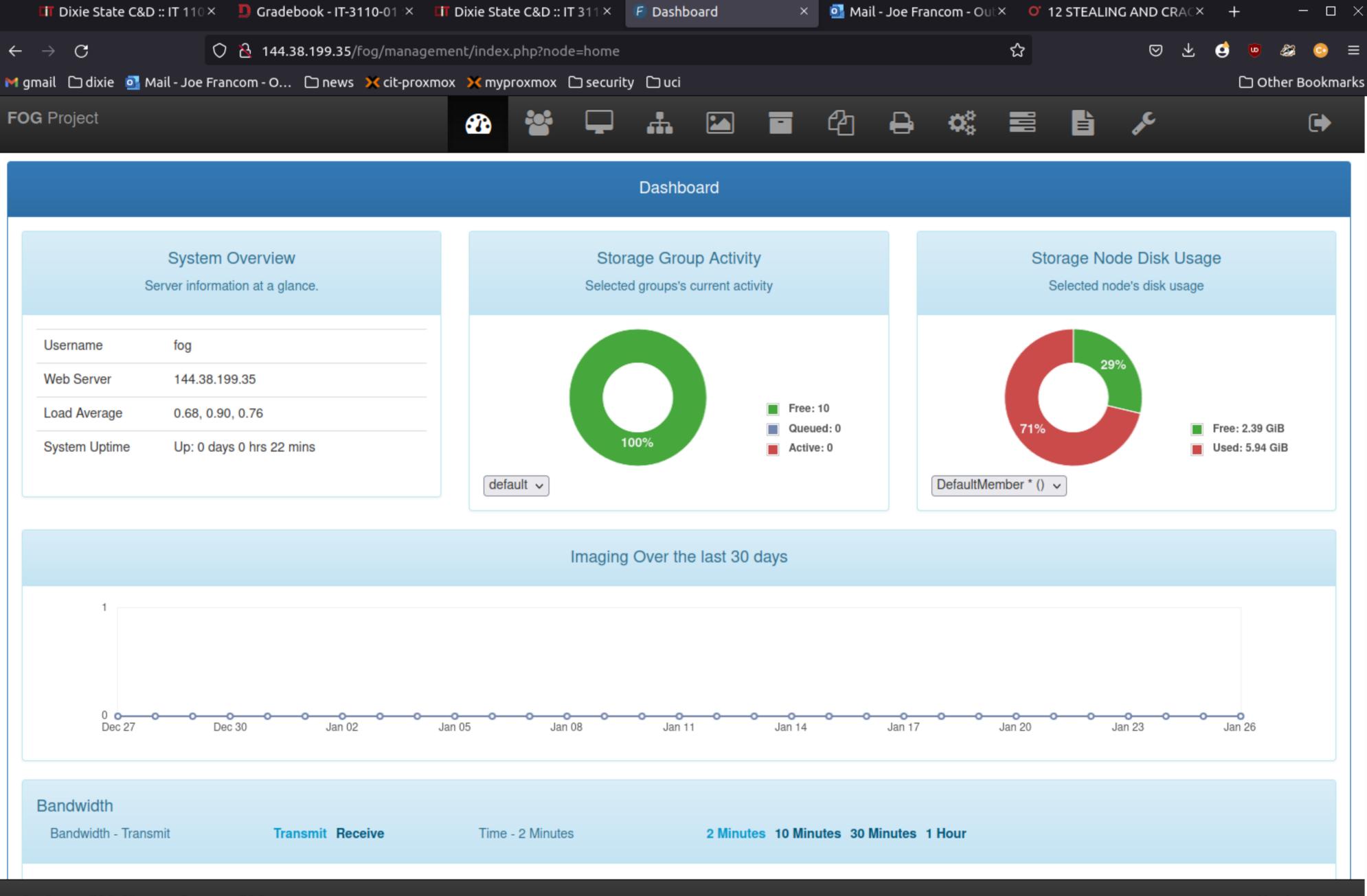
Donate to FOG Credits FOG Client



### FOG Project



FOG Client Donate to FOG



FOG Client Donate to FOG Version 1.5.9



root@s22-dhcp: /etc/dhcp

root@s22-foggy: ~/fogproject-1.5.9

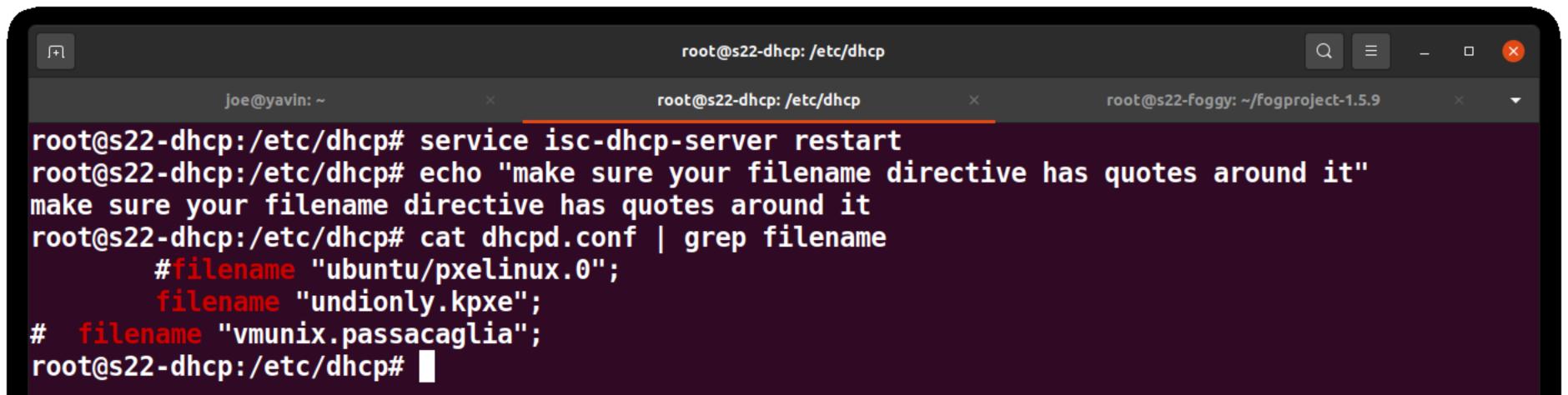
root@s22-foggy:~/fogproject-1.5.9# echo "Don't forget to restart the dhcp service"

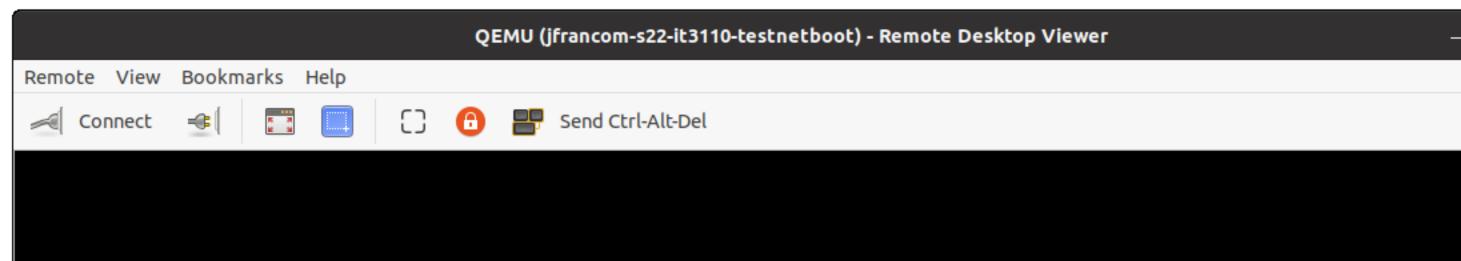
Don't forget to restart the dhcp service

root@s22-foggy:~/fogproject-1.5.9# echo "Test netboot"

Test netboot

root@s22-foggy:~/fogproject-1.5.9#





### Host is NOT registered!

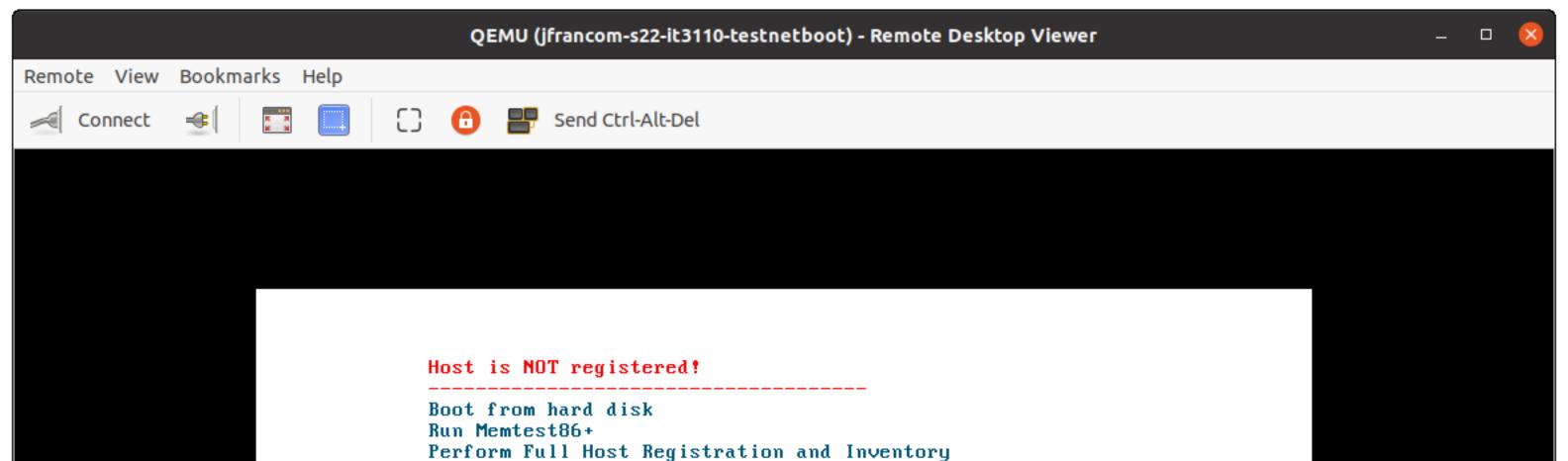
Boot from hard disk

### Run Memtest86+

Perform Full Host Registration and Inventory Quick Registration and Inventory Deploy Image Join Multicast Session Client System Information (Compatibility)



Open Source Computer Cloning Solution





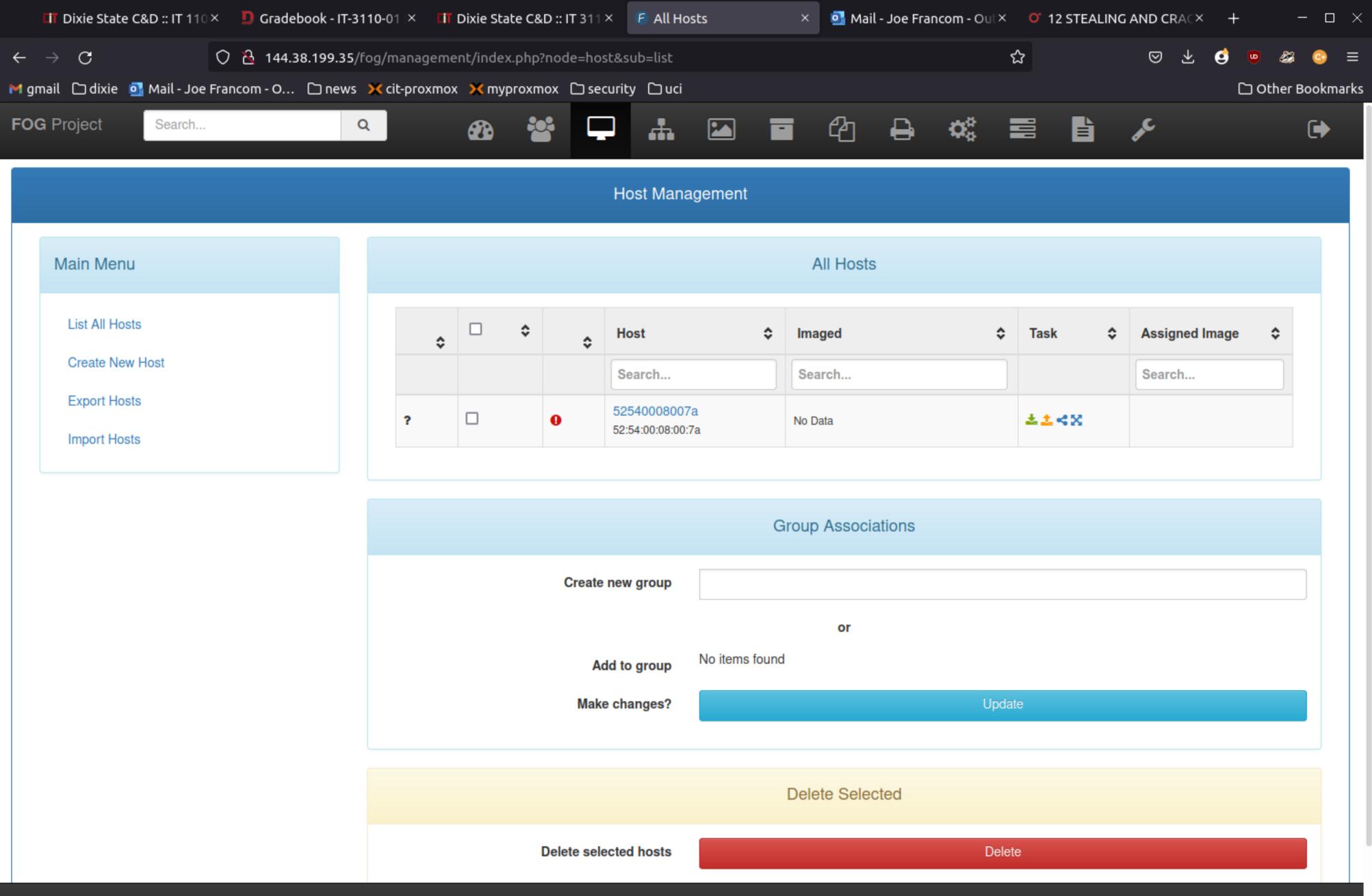
Open Source Computer Cloning Solution

Quick Registration and Inventory

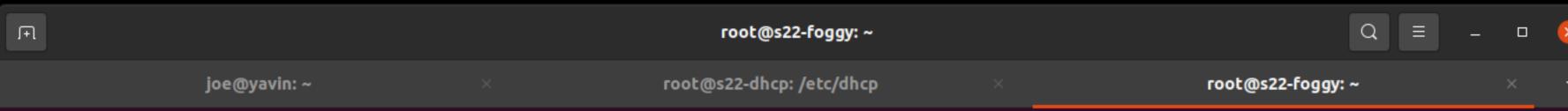
Client System Information (Compatibility)

Deploy Image

Join Multicast Session



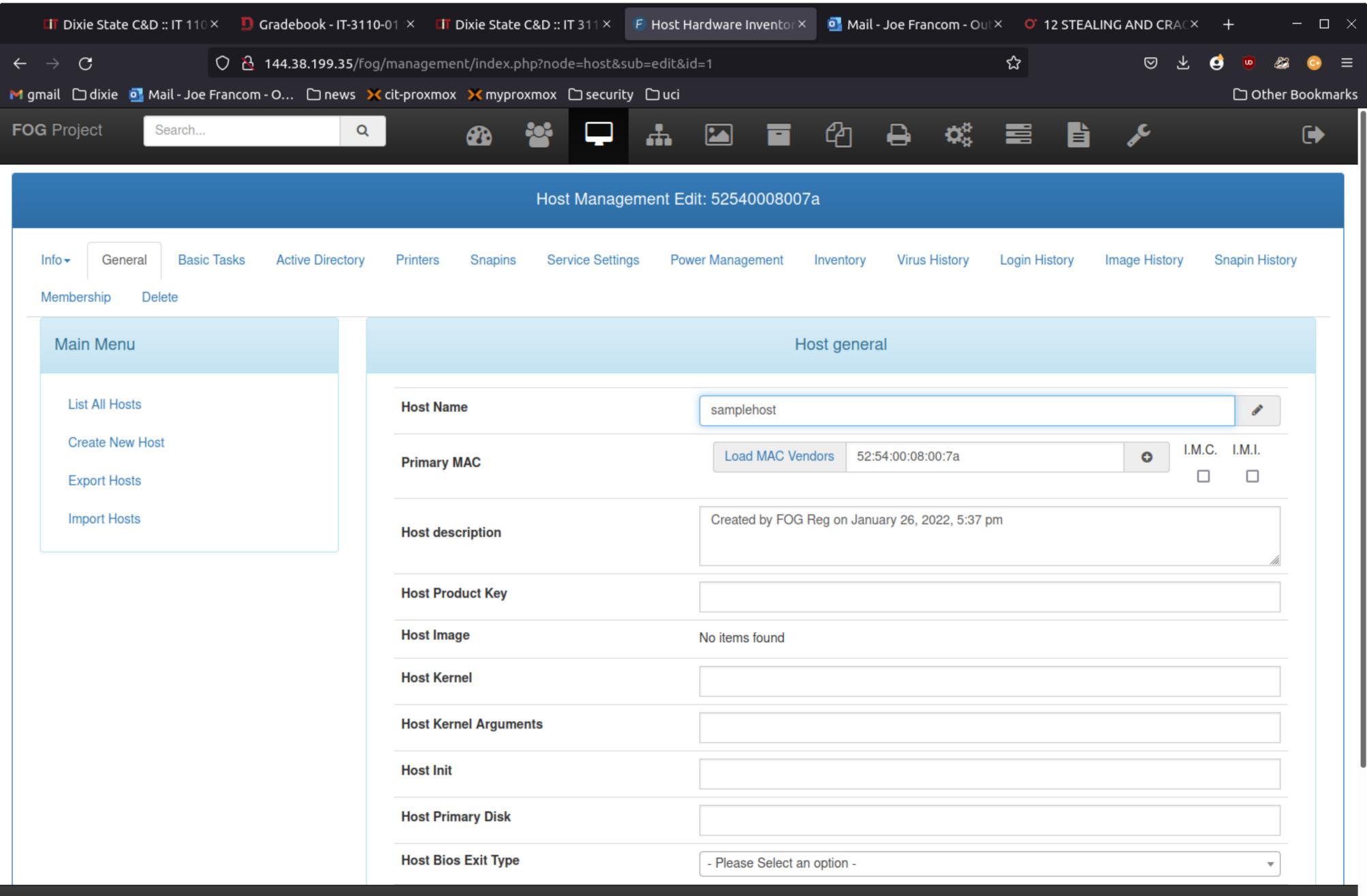
edits FOG Client Donate to FOG Version 1.5.9



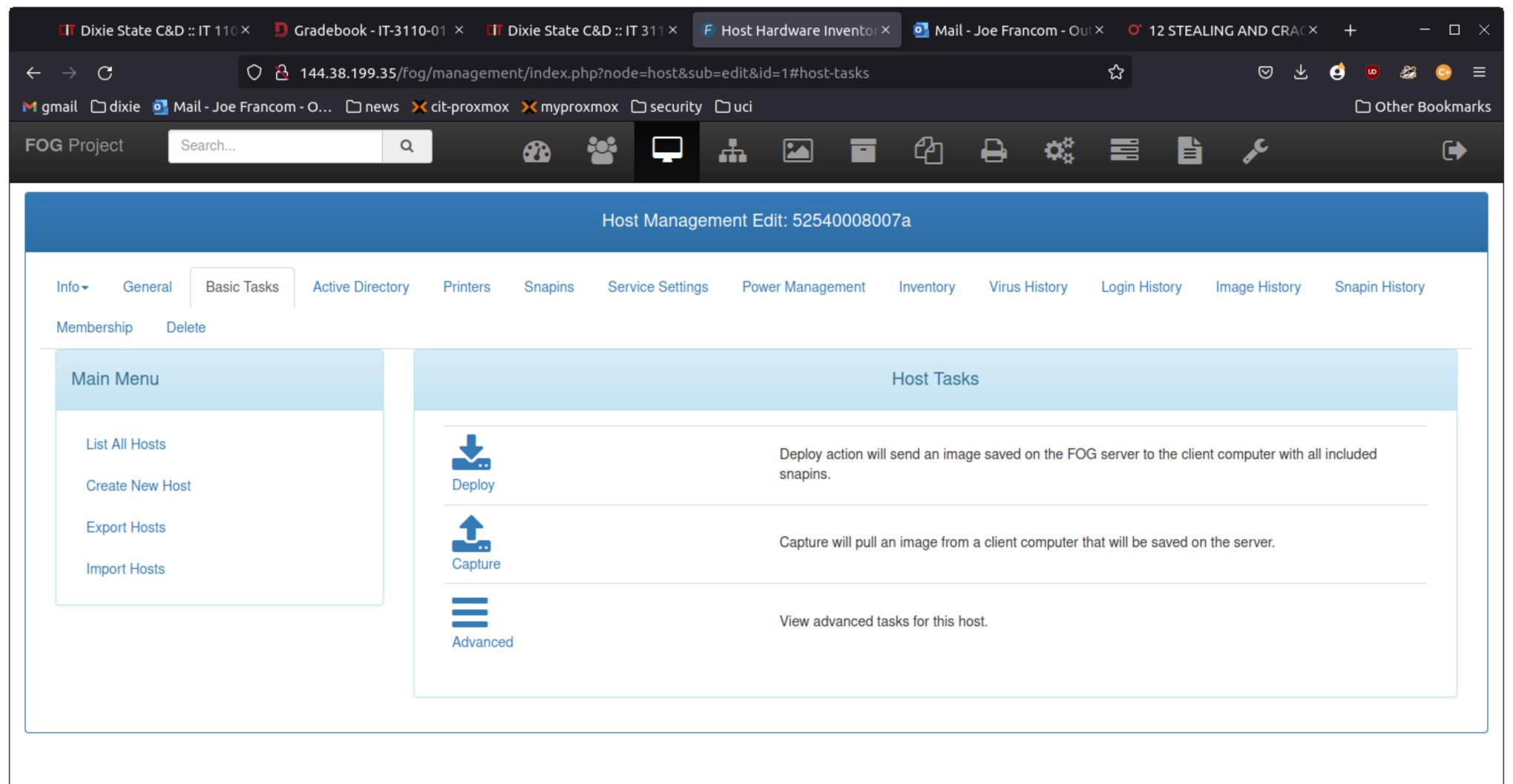
root@s22-foggy:~# echo "It registered that host for me!"

It registered that host for me!

root@s22-foggy:~#

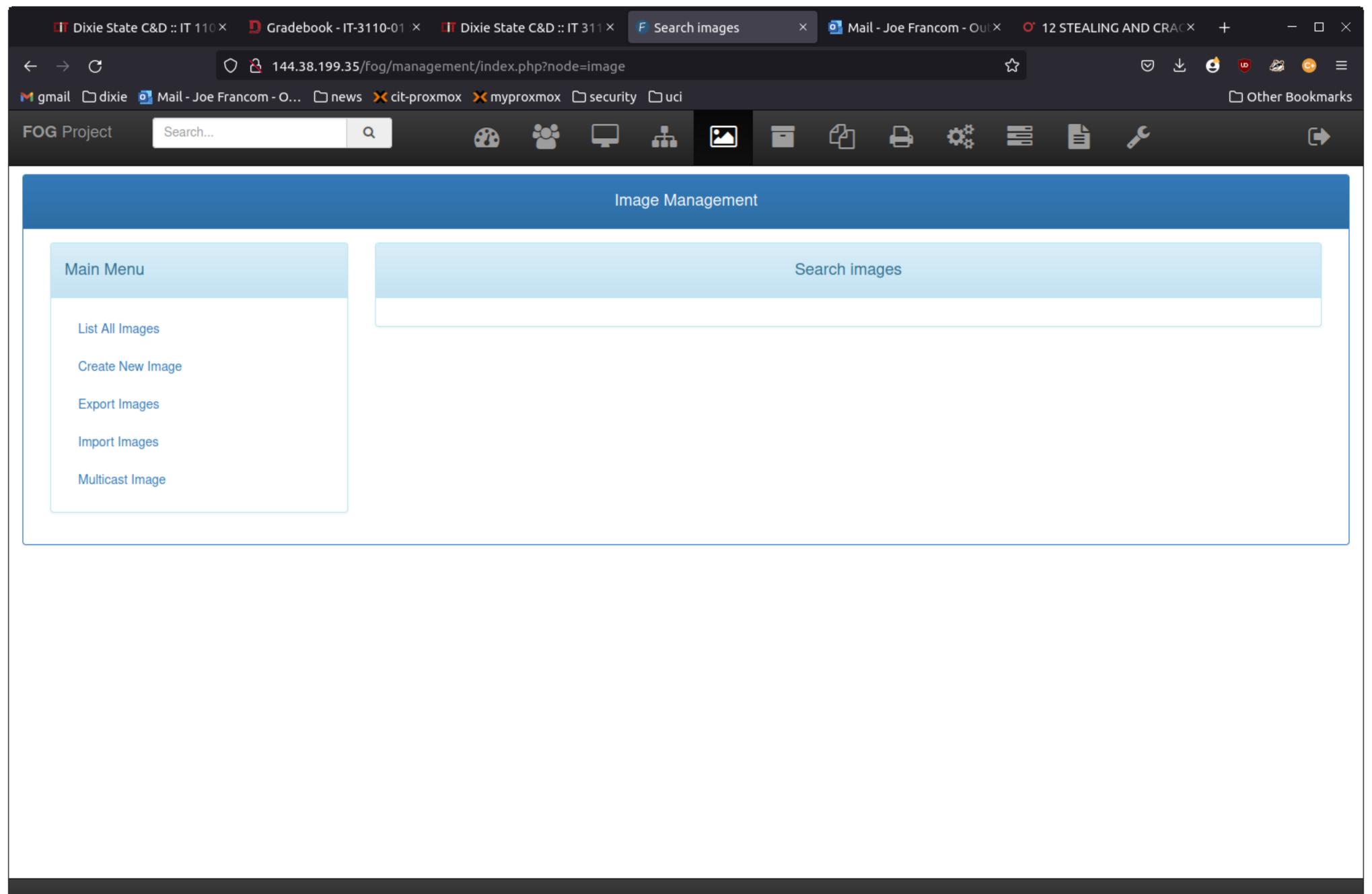


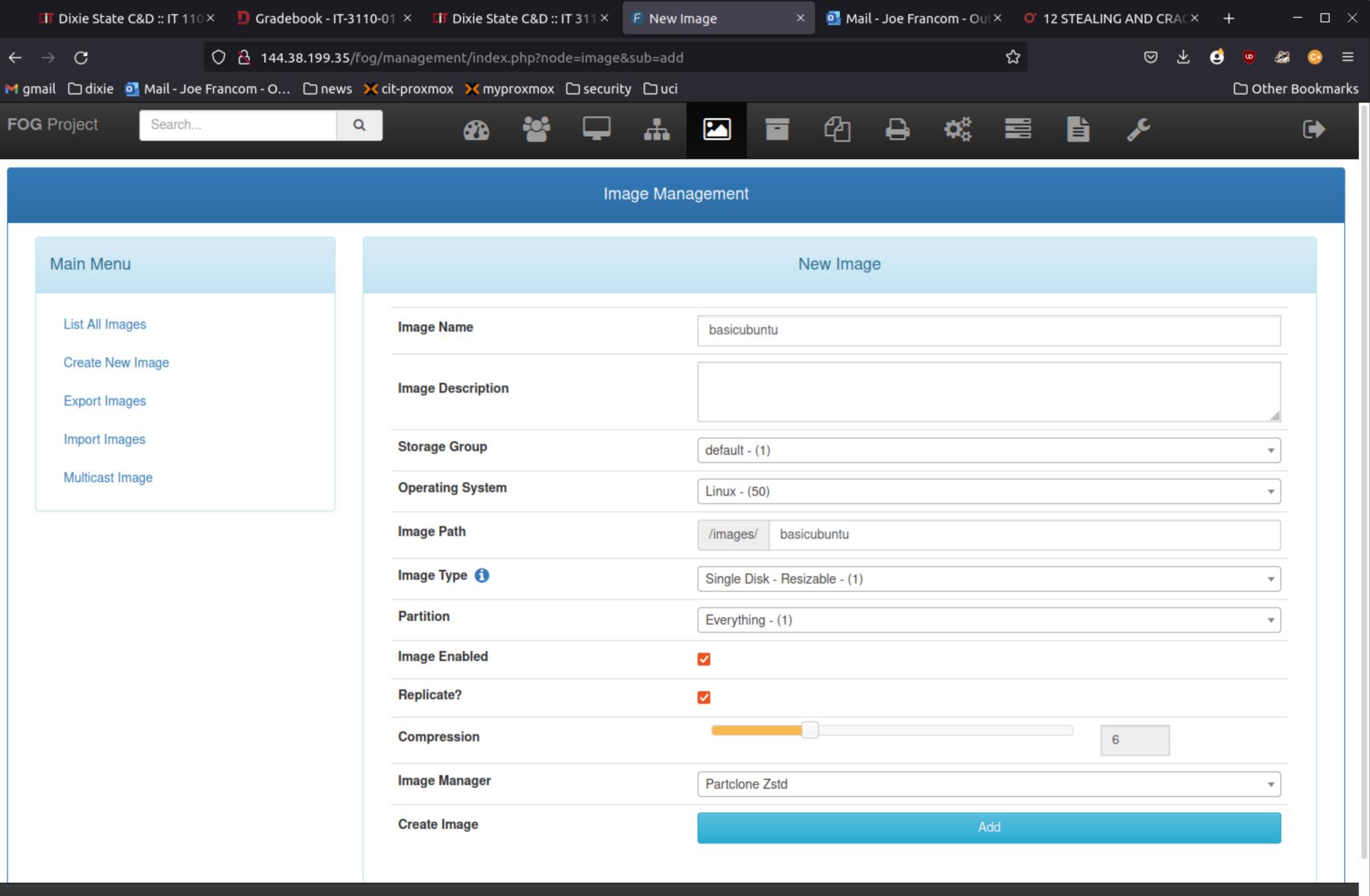
Credits FOG Client Donate to FOG Version 1.5.9



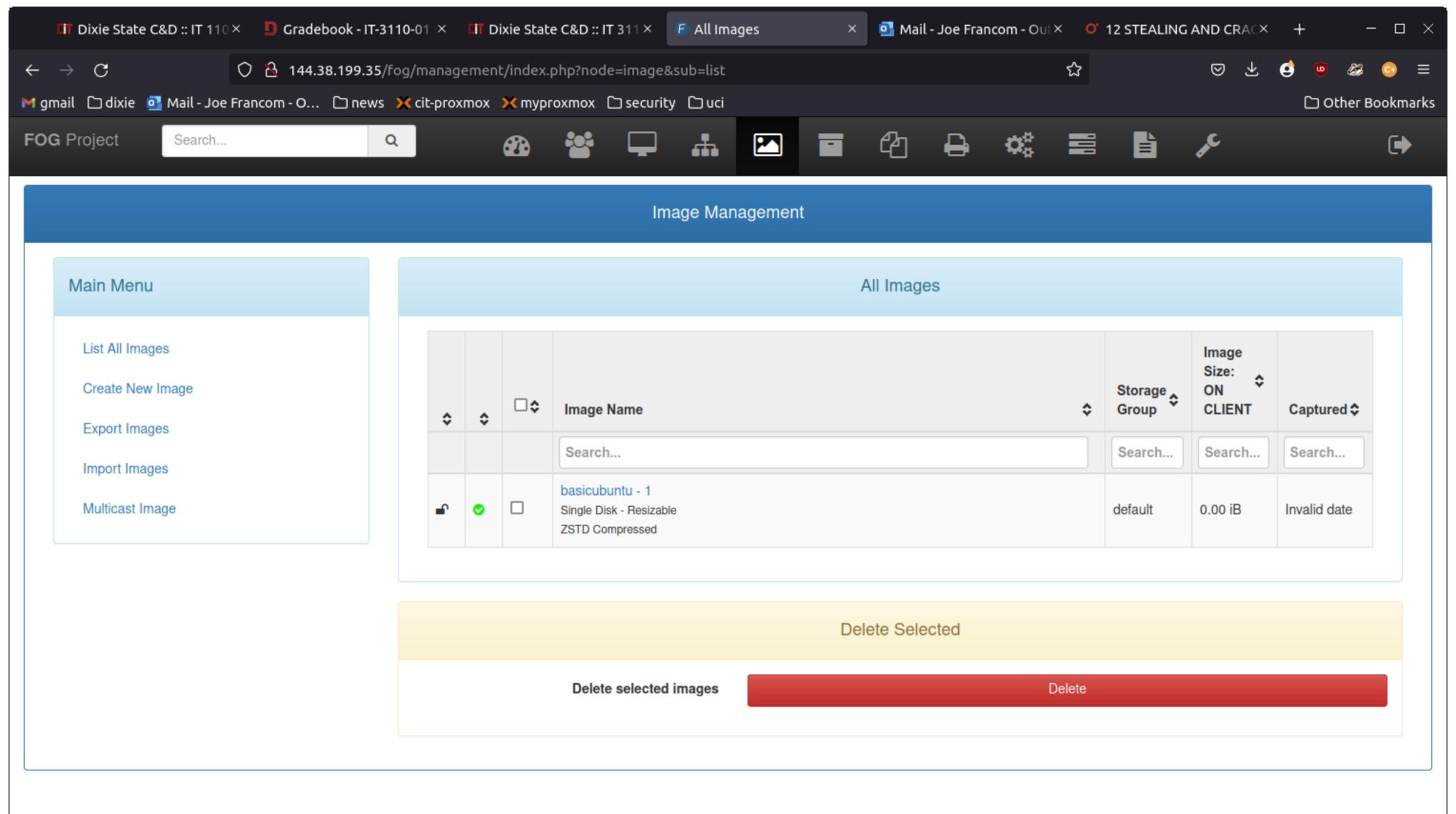
Credits FOG Client Donate to FOG Version 1.5.9

root@s22-foggy:~# echo "Create an image before you capture one"
Create an image before you capture one
root@s22-foggy:~#

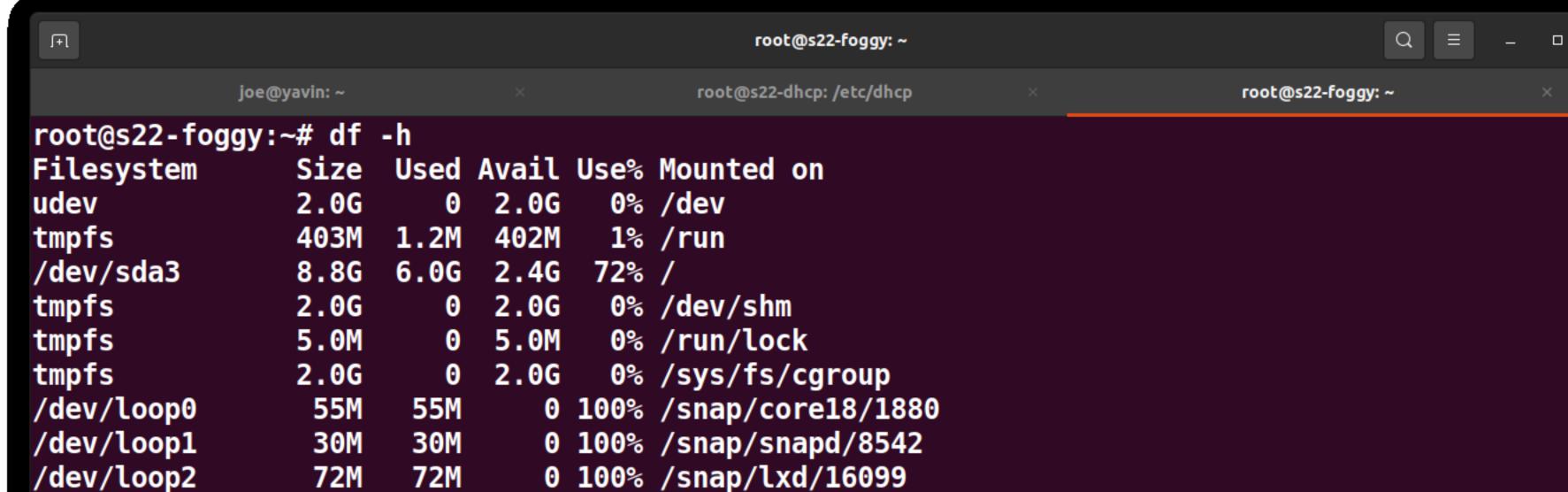




Credits FOG Client Donate to FOG Version 1.5.9



Credits FOG Client Donate to FOG Version 1.5.9



0 100% /snap/snapd/14549

0 100% /snap/core18/2284

0 100% /snap/core20/1270

0 100% /snap/lxd/21835

/dev/loop3

/dev/loop4

/dev/loop5

/dev/loop6

44M

56M

62M

68M

44M

**56M** 

62M

68M