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FOG PROJECT ABOUT US DONATE **DOWNLOAD** GET SUPPORT SPONSORS

The latest release of FOG Project is **v1.5.0**, released February 26th 2018.

At this time, FOG Project can only be installed on a computer running Linux. We recommend using a Long Term Support distribution meant for servers, such as [CentOS](#) or [Debian](#), though you can use a variety of other distributions. We also recommend installing FOG Project inside a virtual machine, to aide in easy backups and upgrades.

Downloading

You can download a pre-packaged tarball of the latest release of FOG Project, v1.5.0, from [here](#). Please verify that your download matches one of the following checksums:

```
md5: 92d5a69b44e0e5cda33c4d5db73596d2 fog_1.5.0.tar.gz
sha1: 8e00ecada1f54dc69ae76f9f3e7329aecb151f3a fog_1.5.0.tar.gz
```

Installing

To install FOG Project, an internet connection is **required**. During installation, it will download other binaries and install any needed dependencies. More detailed guides can be found in the [wiki](#), however, installation is as simple as extracting the tarball and running the install script:

```
tar -xzvf fog_x.x.x.tar.gz
cd fog_x.x.x/bin
sudo ./install.sh
```

Next Steps

Once installed, check out the [wiki](#) for more information and guides. If you need help, head over to the [forums](#).

The image shows a terminal window with a title bar that reads "joe — joe@fog: ~ — ssh • ssh yavin — 80x22". Below the title bar, there are four tabs: the first is "ssh • ssh yavin", the second is "joe@fog: ~ — ssh • ssh yavin", the third is "...nloads/salt-vagrant-demo-master — -bash", and the fourth is "...m@ssh.cs.dixie.edu -L 7797:cordelia:7797". The main content of the terminal is a single line of text: "joe@fog:~\$ wget https://github.com/FOGProject/fogproject/releases/download/1.5.0/fog_1.5.0.tar.gz". The text is in a monospaced font, with "joe@fog" in green and the rest in black. A cursor is visible at the end of the command.

```
joe@fog:~$ wget https://github.com/FOGProject/fogproject/releases/download/1.5.0/fog_1.5.0.tar.gz
```

Browser tabs: Inbox - joseph.francom@gmail.com, Targeting, Download | FOG Project. User: Joe

Address bar: Secure | https://fogproject.org/download

Navigation menu: FOG PROJECT, ABOUT US, DONATE, **DOWNLOAD**, GET SUPPORT, SPONSORS

```
sha1: 8e00ecad1f54dc69ae76f9f3e7329aecb151f3a fog_1.5.0.tar.gz
```

Installing

To install FOG Project, an internet connection is **required**. During installation, it will download other binaries and install any needed dependencies. More detailed guides can be found in the [wiki](#), however, installation is as simple as extracting the tarball and running the install script:

```
tar -xzvf fog_x.x.x.tar.gz
cd fog_x.x.x/bin
sudo ./install.sh
```

Next Steps

Once installed, check out the [wiki](#) for more information and guides. If you need help head over to the [forums](#).

Features	Best Practices	Resources	For Developers
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Remote Computer Management	Scaling	Forums	Roadmap
Multi-site Installations	Security	Wiki	

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```
joe@fog:~$ tar -xvzf fog_1.5.0.tar.gz
```

```
joe — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin — 80x22
~ — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...nloads/salt-vagrant-demo-master — -bash  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +
joe@fog:~/fog_1.5.0/bin$ sudo ./installfog.sh
```

```
| # . . . ## : , ; ## ; : : : # : . . . ## . .  
| .# . . : ; ##### ; : : : . ## : : : ; # : . .  
| # . . : ; ### . .
```

```
+-----+  
| Free Computer Imaging Solution |  
+-----+
```

```
| Credits: http://fogproject.org/Credits |  
| http://fogproject.org/Credits |  
| Released under GPL Version 3 |  
+-----+
```

Version: 1.5.0 Installer/Updater

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

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

Starting Debian based Installation

```
*** Detected a potential need to reinstall apache and php files.
*** This will remove the /etc/php* and /etc/apache2* directories
*** and remove/purge the apache and php files from this system.
*** If you're okay with this please type Y, anything else will
*** continue the installation, but may mean you will need to
*** remove the files later and make proper changes as
*** necessary. (Y/N):
```

Y

```
*** continue the installation, but may mean you will need to
*** remove the files later and make proper changes as
*** necessary. (Y/N):
```

Y

```
* Removing apache and php files.....Done
* Stopping web services.....Failed
* Removing the apache and php packages.....Done
* Resetting our variables to specify php version 7.1.....Done
```

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

*** necessary. (Y/N):

Y

- * Removing apache and php files.....Done
- * Stopping web services.....Failed
- * Removing the apache and php packages.....Done
- * Resetting our variables to specify php version 7.1.....Done

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.

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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

What is the IP address to be used by this FOG Server? [144.38.201.40]

```
joe — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin — 80x22
~ — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...nloads/salt-vagrant-demo-master — -bash  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797 +
* Stopping web services.....Failed
* Removing the apache and php packages.....Done
* Resetting our variables to specify php version 7.1.....Done
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

What is the IP address to be used by this FOG Server? [144.38.201.40]

Would you like to change the default network interface from ens3?
If you are not sure, select No. [y/N] N
```

* Resetting our variables to specify php version 7.1.....Done

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

What is the IP address to be used by this FOG Server? [144.38.201.40]

Would you like to change the default network interface from ens3?

If you are not sure, select No. [y/N] N

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

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

What is the IP address to be used by this FOG Server? [144.38.201.40]

Would you like to change the default network interface from ens3?

If you are not sure, select No. [y/N] 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? [144.38.201.33]

Would you like DHCP to handle DNS? [Y/n] Y

What DNS address should DHCP allow? [144.38.192.2] █

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

What is the IP address to be used by this FOG Server? [144.38.201.40]

Would you like to change the default network interface from ens3?

If you are not sure, select No. [y/N] 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? [144.38.201.33]

Would you like DHCP to handle DNS? [Y/n] Y

What DNS address should DHCP allow? [144.38.192.2]

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

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

- * Here are the settings FOG will use:
- * Base Linux: Debian
- * Detected Linux Distribution: Ubuntu
- * Server IP Address: 144.38.201.40
- * Server Subnet Mask: 255.255.255.224
- * Interface: ens3
- * 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. 144.38.201.40)
- * Option 067/filename is the bootfile: (e.g. undionly.kpxe)
- * Are you sure you wish to continue (Y/N) █

```
joe — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin — 80x22
~ — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...nloads/salt-vagrant-demo-master — -bash  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797 +
* Are you sure you wish to continue (Y/N) Y
* Installation Started
* Installing required packages, if this fails
| make sure you have an active internet connection.
* Adding needed repository.....0K
* Preparing Package Manager.....0K
* Packages to be installed:
    apache2 bc build-essential cpp curl g++ gawk gcc genisoimage gzip htmldo
c isolinux lftp libapache2-mod-php7.1 libc6 libcurl3 liblzma-dev m4 mysql-client
mysql-server net-tools nfs-kernel-server openssh-server php7.1 php7.1-bcmath ph
p7.1-cli php7.1-curl php7.1-fpm php7.1-gd php7.1-json php7.1-ldap php7.1-mbstrin
g php7.1-mcrypt php7.1-mysql php7.1-mysqldb php-gettext sysv-rc-conf tar tftpd-h
pa tftp-hpa unzip vsftpd wget xinetd zlib1g
* Installing package: apache2.....0K
* Installing package: bc.....0K
* Installing package: build-essential.....█
```

```
* Setting up fog user.....0K
* Setting up fog password.....0K
* Stopping F0GMulticastManager.service Service.....0K
* Stopping F0GImageReplicator.service Service.....0K
* Stopping F0GSnapshotReplicator.service Service.....0K
* Stopping F0GScheduler.service Service.....0K
* Stopping F0GPingHosts.service Service.....0K
* Stopping F0GSnapshotHash.service Service.....0K
* Stopping F0GImageSize.service Service.....0K
* Setting up and starting MySQL.....0K
* Backing up user reports.....Done
* Stopping web service.....0K
* Is the MySQL password blank? (Y/n) Y
* Stopping F0GMulticastManager.service Service.....0K
* Stopping F0GImageReplicator.service Service.....0K
* Stopping F0GSnapshotReplicator.service Service.....0K
* Stopping F0GScheduler.service Service.....0K
* Stopping F0GPingHosts.service Service.....0K
* Stopping F0GSnapshotHash.service Service.....0K
* Stopping F0GImageSize.service Service.....0K
* Setting up and starting MySQL.....█
```



```
* Backing up old data.....OK
* Copying new files to web folder.....OK
* Creating config file.....OK
* Unzipping the binaries.....Done
* Copying binaries where needed.....Done
* 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.....OK
```

```
* You still need to install/update your database schema.
* This can be done by opening a web browser and going to:
```

```
http://144.38.201.40/fog/management
```

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

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?

[Install/Update Now](#)

FOG Project



FOG Project

Username

Password

Language

Login

Estimated FOG Sites:	3816
Latest Version:	1.5.0
Latest Development Version:	1.5.0
Latest SVN Version:	6078

```
joe — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin — 80x22
~ — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...@saltmaster: ~ — ssh • vagrant ssh master  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +
* Copying binaries where needed.....Done
* Enabling apache and fpm services on boot.....0K
* Creating SSL CA.....0K
* Creating SSL Private Key.....0K
* Creating SSL Certificate.....0K
* Creating auth pub key and cert.....0K
* Resetting SSL Permissions.....0K
* Setting up Apache virtual host (no SSL).....0K
* Starting and checking status of web services.....0K
* Changing permissions on apache log files.....0K
* Backing up database.....0K

* You still need to install/update your database schema.
* This can be done by opening a web browser and going to:

  http://144.38.201.40/fog/management

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

* Setting up storage.....0K
Skipped
* Setting up and starting TFTP and PXE Servers.....█
```

```
joe — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin — 80x22
~ — joe@dhcp: /etc/dhcp — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...@saltmaster: ~ — ssh • vagrant ssh master  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +
* Setting up exports file.....OK
* Setting up and starting RPCBind.....OK
* Setting up and starting NFS Server.....OK
* 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://144.38.201.40/fog/management

Default User Information
Username: fog
Password: password

joe@fog:~/fog_1.5.0/bin$
```

User Management Edit: fog

Info ▾ General **Change password** API Settings Delete

Main Menu

- List All Users
- Create New User
- Export Users
- Import Users

User Change Password

User Password	<input type="password"/>
User Password (confirm)	<input type="password"/>
Update Password?	<input type="button" value="Update"/>

is only if this is the first install.

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

<http://144.38.201.40/fog/management>

Default User Information

Username: fog

Password: password

```
joe@fog:~/fog_1.5.0/bin$ df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	478M	0	478M	0%	/dev
tmpfs	100M	5.7M	94M	6%	/run
/dev/sda1	5.4G	2.7G	2.5G	52%	/
tmpfs	497M	0	497M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	497M	0	497M	0%	/sys/fs/cgroup
tmpfs	100M	0	100M	0%	/run/user/1001

```
joe@fog:~/fog_1.5.0/bin$ echo "not much space for my images... oh well"
```

```
not much space for my images... oh well
```

```
joe@fog:~/fog_1.5.0/bin$ █
```

```
joe — joe@dhcp: /etc/dhcp — ssh • ssh yavin — 80x22
× ~ — joe@dhcp: /etc/dhcp — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...@saltmaster: ~ — ssh • vagrant ssh master  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +
joe@dhcp:/etc/dhcp$ echo "Have to add settings to dhcp server"
Have to add settings to dhcp server
joe@dhcp:/etc/dhcp$ █
```



```
joe — joe@dhcp: /etc/dhcp — ssh • ssh yavin — 80x22
~ — joe@dhcp: /etc/dhcp — ssh • ssh yavin  ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...@saltmaster: ~ — ssh • vagrant ssh master  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +

# could override global settings from above
option domain-name-servers 8.8.8.8;
option domain-name "mojojoho.ml";
option subnet-mask 255.255.255.224;
option routers 144.38.201.33;
default-lease-time 600;
max-lease-time 7200;
#file to look for on tftpd server
#filename "pxelinux.0";
#tftp server address
#next-server 144.38.201.35;
next-server 144.38.201.40;
filename "undionly.kpxe";
}

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.

#subnet 10.152.187.0 netmask 255.255.255.0 {
#}

"dhcpd.conf" 139L, 4534C written                                50,28                                31%
```

The image shows a terminal window with a title bar that reads "joe — joe@dhcp: /etc/dhcp — ssh • ssh yavin — 80x22". Below the title bar, there are four tabs: the first is "joe@dhcp: /etc/dhcp — ssh • ssh yavin", the second is "joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin", the third is "...@saltmaster: ~ — ssh • vagrant ssh master", and the fourth is "...m@ssh.cs.dixie.edu -L 7797:cordelia:7797". The main content of the terminal is a single line of text: "joe@dhcp: /etc/dhcp\$ sudo service isc-dhcp-server restart". The text is in a monospaced font, with "joe@dhcp:" in green, "/etc/dhcp" in blue, and "\$" in black. The rest of the command is in black. A grey cursor is positioned at the end of the command.

```
joe@dhcp: /etc/dhcp$ sudo service isc-dhcp-server restart
```

```
joe — joe@dhcp: ~ — ssh • ssh yavin — 80x22
~ — joe@dhcp: ~ — ssh • ssh yavin  × ~ — joe@fog: ~/fog_1.5.0/bin — ssh • ssh yavin  ...@saltmaster: ~ — ssh • vagrant ssh master  ...m@ssh.cs.dixie.edu -L 7797:cordelia:7797  +
joe@dhcp:~$ echo "Now lets test netboot a client"
Now lets test netboot a client
joe@dhcp:~$ █
```

```
joe@db:~$ echo "I am on the machine I want to capture an image of"
```

```
I am on the machine I want to capture an image of
```

```
joe@db:~$ df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	225M	0	225M	0%	/dev
tmpfs	49M	1.9M	48M	4%	/run
/dev/sda1	8.2G	5.0G	2.8G	64%	/
tmpfs	245M	0	245M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	245M	0	245M	0%	/sys/fs/cgroup
tmpfs	49M	0	49M	0%	/run/user/1000

```
joe@db:~$ echo "lets see?"
```

```
lets see?
```

```
joe@db:~$ █
```

```
joe@db:~$ echo "I am on the machine I want to capture an image of"
```

```
I am on the machine I want to capture an image of
```

```
joe@db:~$ df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	225M	0	225M	0%	/dev
tmpfs	49M	1.9M	48M	4%	/run
/dev/sda1	8.2G	5.0G	2.8G	64%	/
tmpfs	245M	0	245M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	245M	0	245M	0%	/sys/fs/cgroup
tmpfs	49M	0	49M	0%	/run/user/1000

```
joe@db:~$ echo "lets see?"
```

```
lets see?
```

```
joe@db:~$ sudo shutdown -h now
```

```
Connection to db.mojojojo.ml closed by remote host.
```

```
Connection to db.mojojojo.ml closed.
```

```
joe@yavin:~$
```



joe — joe@mail-thegummibear: ~ — ssh jfracom@ssh.cs.dixie.edu -L 7797:cordelia:7797 — 87x20

~ — joe@dhcp: ~ — ssh • ssh yavin

~ — joe@fog: ~ — ssh • ssh yavin

...er/saltstack/salt — joe@db: ~ — ssh • ssh yavin

...rancom@ssh.cs.dixie.edu -L 7797:cordelia:7797



jfracom@desdemona:~\$ citv bootvm mojojojo_db n

Host is NOT registered!

Boot from hard disk

Run Memtest86+

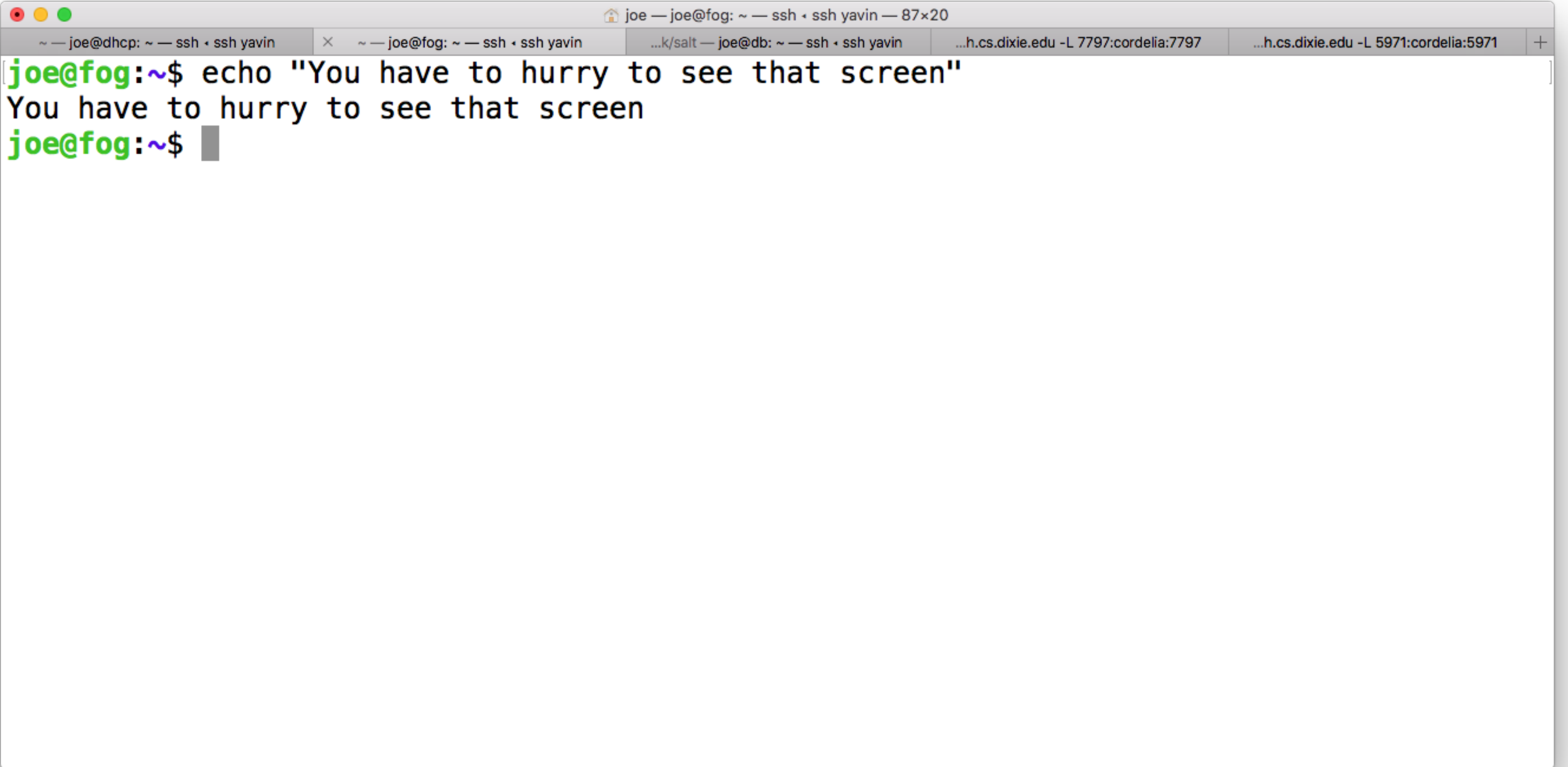
Perform Full Host Registration and Inventory

Quick Registration and Inventory

Deploy Image

Join Multicast Session

Client System Information (Compatibility)



The image shows a terminal window with a title bar that reads "joe — joe@fog: ~ — ssh · ssh yavin — 87x20". The window contains several tabs, with the active one being "joe@fog: ~ — ssh · ssh yavin". The terminal content is as follows:

```
joe@fog:~$ echo "You have to hurry to see that screen"  
You have to hurry to see that screen  
joe@fog:~$ █
```


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)

QEMU (jfrancom-mojojojo_db)

Starting logging: OK

Populating /dev using udev: udevd[2375]: error creating epoll fd: Function not implemented

done

Initializing random number generator... done.

—

Host Management

Main Menu

- List All Hosts
- Create New Host
- Export Hosts
- Import Hosts

All Hosts

↕	☐	↕	Host	↕	Imaged	↕	Task	↕	Assigned Image	↕
			<input type="text" value="Search..."/>		<input type="text" value="Search..."/>				<input type="text" value="Search..."/>	
?	☐	!	525400080046 52:54:00:08:00:46		No Data		⬇ ⬆ ⬇			

Group Associations

Create new group

```
joe@dhcp:~$ echo "that is my new host"
```

```
that is my new host
```

```
joe@dhcp:~$ █
```

FOG Project Search...

Image History Snapin History Membership Delete

Main Menu

- List All Hosts
- Create New Host
- Export Hosts
- Import Hosts

Host general




Host Name	<input type="text" value="db.mojoiolojo.ml"/>
Primary MAC	<input type="button" value="Load MAC Vendors"/> <input type="text" value="52:54:00:08:00:46"/> <input type="button" value="+"/> <input type="checkbox"/> I.M.C. <input type="checkbox"/> I.M.I.
Host description	<input type="text" value="Created by FOG Reg on April 3, 2018, 9:33 pm"/>
Host Product Key	<input type="text"/>
Host Image	No items found
Host Kernel	<input type="text"/>

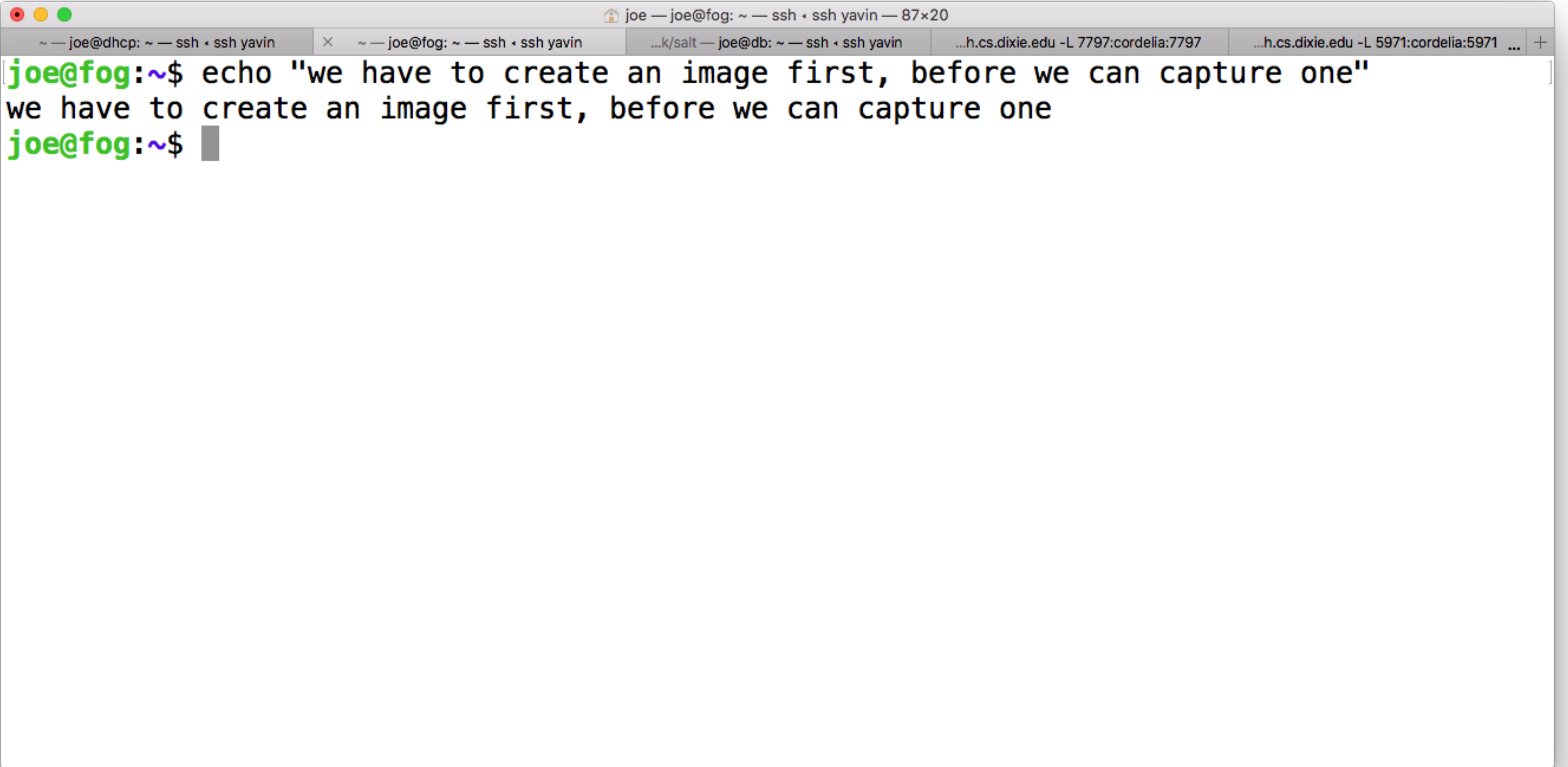
Image History Snapin History Membership Delete

Main Menu

- List All Hosts
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- Import Hosts

Host Tasks

 Deploy	Deploy action will send an image saved on the FOG server to the client computer with all included snapins.
 Capture	Capture will pull an image from a client computer that will be saved on the server.
 Advanced	View advanced tasks for this host.



The image shows a terminal window with a title bar that reads "joe — joe@fog: ~ — ssh · ssh yavin — 87x20". The window contains several tabs, with the active one being "joe@fog: ~ — ssh · ssh yavin". The terminal content is as follows:

```
joe@fog:~$ echo "we have to create an image first, before we can capture one"  
we have to create an image first, before we can capture one  
joe@fog:~$ █
```

Image Management

Main Menu

List All Images

Create New Image

Export Images

Import Images

Multicast Image

Search images

[Empty search results area]

FOG Project Search...

- Main Menu**
- List All Images
 - Create New Image
 - Export Images
 - Import Images
 - Multicast Image

New Image

Image Name	image_of_db
Image Description	
Storage Group	default - (1)
Operating System	Linux - (50)
Image Path	/images/ image_of_db
Image Type	Single Disk - Resizable - (1)
Partition	Everything - (1)
Image Enabled	<input checked="" type="checkbox"/>

FOG Project Search... [Icons: Home, Users, Monitor, Tree, Image, Storage, Copy, Print, Settings, List, Document, Wrench]

Multicast Image

Operating System	Linux - (50)
Image Path	/images/ image_of_db
Image Type	Single Disk - Resizable - (1)
Partition	Everything - (1)
Image Enabled	<input checked="" type="checkbox"/>
Replicate?	<input checked="" type="checkbox"/>
Compression	<input type="range" value="10"/> 10
Image Manager	Partimage
Create Image	Add

Host Management

- Main Menu**
- List All Hosts
 - Create New Host
 - Export Hosts
 - Import Hosts

Search hosts

Host Management

- Main Menu**
- List All Hosts
 - Create New Host
 - Export Hosts
 - Import Hosts

All Hosts

<input type="checkbox"/>	Host	Imaged	Task	Assigned Image
	<input type="text" value="Search..."/>	<input type="text" value="Search..."/>		<input type="text" value="Search..."/>
<input type="checkbox"/>	db.mojojojo.ml 52:54:00:08:00:46	No Data		

Edit: db.mojojojo.ml

Group Associations

Create new group


Host Management Edit: db.mojojojo.ml

- Info
- General
- Basic Tasks**
- Active Directory
- Printers
- Snapins
- Service Settings
- Power Management
- Inventory
- Virus History
- Login History
- Image History
- Snapin History
- Membership
- Delete


Main Menu

- List All Hosts
- Create New Host
- Export Hosts
- Import Hosts


Host Tasks

- 

Deploy

Deploy action will send an image saved on the FOG server to the client computer with all included snapins.
- 

Capture

Capture will pull an image from a client computer that will be saved on the server.
- 

Advanced

View advanced tasks for this host.

Functions Host Hardware Inventory Joe

144.38.201.40/fog/management/index.php?node=host&sub=edit&id=1

Apps eportfolio dixie Geneology CIT Monitoring devops tech quotes alexa ceh WCL18-Teal

FOG Project Search...

Create New Host
Export Hosts
Import Hosts

Primary MAC [Load MAC Vendors](#) 52:54:00:08:00:46 I.M.C. I.M.I.

Host description Created by FOG Reg on April 3, 2018, 9:33 pm

Host Product Key

Host Image - Please select an option -

Host Kernel - Please select an option -

Host Kernel Arguments image_of_db - (2)

Host Init

Host Primary Disk

Host Bios Exit Type - Please Select an option -

Credits FOG Client Donate to FOG Version 1.5.0

Functions Host Hardware Inventory Joe

144.38.201.40/fog/management/index.php?node=host&sub=edit&id=1#host-tasks

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FOG Project Search...

Host Management Edit: db.mojojojo.ml




Info General **Basic Tasks** Active Directory Printers Snapins Service Settings Power Management Inventory Virus History Login History

Image History Snapin History Membership Delete

Main Menu

- List All Hosts
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Host Tasks

 Deploy	Deploy action will send an image saved on the FOG server to the client computer with all included snapins.
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Credits FOG Client Donate to FOG Version 1.5.0

144.38.201.40/fog/management/index.php?node=host&sub=edit&id=1#host-tasks

FOG Project Search...

Host Management Edit: db.mojojojo.ml

- Info
- General
- Basic Tasks**
- Active Directory
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- Service Settings
- Power Management
- Inventory
- Virus History
- Login History
- Image History
- Snapin History
- Membership
- Delete

Main Menu

- List All Hosts
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Host Tasks

- Deploy**

Deploy action will send an image saved on the FOG server to the client computer with all included snapins.
- Capture**

Capture will pull an image from a client computer that will be saved on the server.
- Advanced**

View advanced tasks for this host.

Main Menu

- List All Hosts
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Confirm tasking

Image Associated: image_of_db

Advanced Settings

- Schedule with shutdown
- Wake on lan?
- Schedule as debug task
- Schedule instant
- Schedule delayed
- Schedule cron-style

Create Capture Tasking **Task**



The image shows a terminal window with a title bar that reads "joe — joe@fog: ~ — ssh · ssh yavin — 87x20". Below the title bar, there are several tabs representing different terminal sessions: "~ — joe@dhcp: ~ — ssh · ssh yavin", "~ — joe@fog: ~ — ssh · ssh yavin", "...k/salt — joe@db: ~ — ssh · ssh yavin", "...h.cs.dixie.edu -L 7797:cordelia:7797", and "...h.cs.dixie.edu -L 5971:cordelia:5971 ...". The main terminal area displays the following text:

```
joe@fog:~$ echo "reboot that image"  
reboot that image  
joe@fog:~$ █
```

```
* Checking Operating System.....Linux
* Checking CPU Cores.....1
* Send method.....NFS
* Attempting to check in.....Done
* Mounting File System.....Done
* Checking Mounted File System.....Done
* Checking img variable is set.....Done
* Preparing to send image file to server
* Preparing backup location.....Done
* Setting permission on /images/525400080046.....Done
* Removing any pre-existing files.....Done
* Using Image: image_of_db
* Looking for Hard Disk.....Done
* Reading Partition Tables.....Done
* Using Hard Disk: /dev/sda
* Now FOG will attempt to capture the image using Partclone
* Checking for fixed partitions.....Done
* Getting Windows/Linux Partition Count.....Done
* NTFS Partition count of: 0
* EXTFS Partition count of: 1
* Setting up any additional fixed parts
* Saving original partition table.....Done
* Saving original disk/parts UUIDs
* Shrinking Partitions on disk
* Checking extfs volume (/dev/sda1).....
```