

Logging into INF Shared Server -- Mac

Welcome to the Matrix !



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Get Your Party Pass (SSH Private Key)

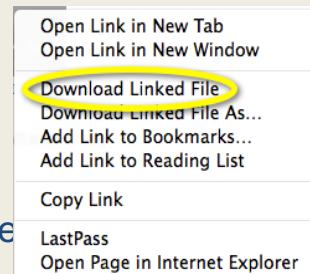
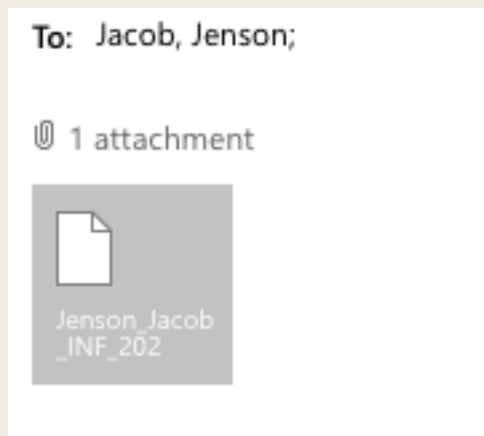
Once you submit your contributor's license, you will receive your SSH private key file via email. It should look something like the following, except your actual first and last name will be noted:

```
YourFirstName_YourLastName_INF_202
```

Save the key to your Downloads folder (or directory).

Downloading Private key

- Open your UAlbany mail and locate your AWS Key mail



- To download, select CTRL + right-click the mouse and select “Download Linked File”
- This will download the key to your “Downloads” folder.
 - /Users/jj636922/Jenson_Jacob_INF_202 (where jj636922 is my userid)
- Note: The above example has been shown using the Safari Browser on a Mac.

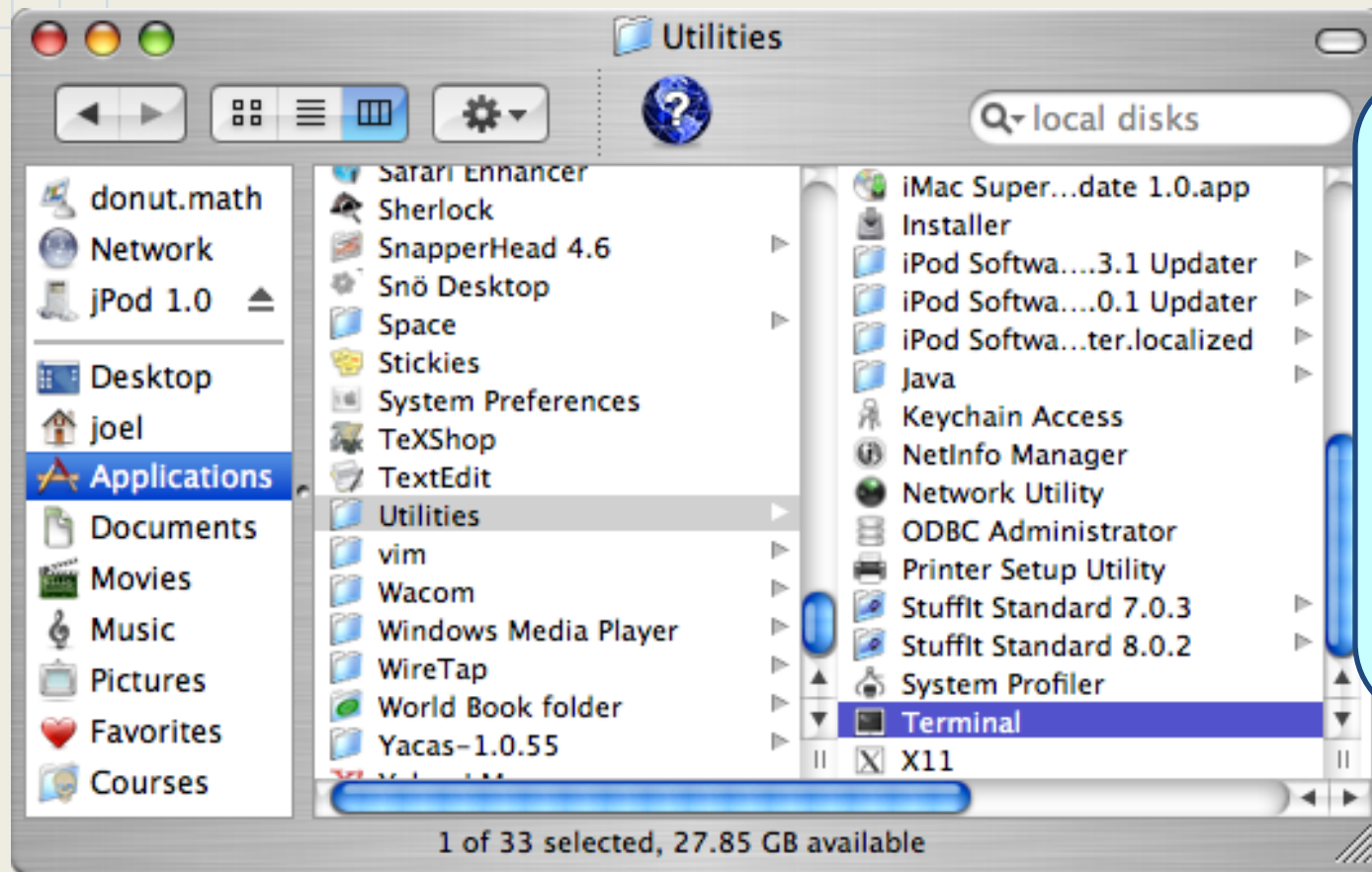
What's This SSH Stuff?

SSH keys serve as a means of identifying yourself to an SSH server. SSH keys always come in pairs, one private and the other public.

To learn more, consult:

https://wiki.archlinux.org/index.php/SSH_Keys

Open: Terminal



Alternatively,
open Finder
and type
“Terminal” in
the search
box.

Make Sure You Are In Your Home Directory

Type the following at the command prompt:

```
cd ~
```

You should see the name of your local machine in response and shows your home directory.

```
Jenson-Jacobs-MacBook-Pro:ec2 jensonjacob$ cd ~
```

Typed pwd to show your current home path

```
Jenson-Jacobs-MacBook-Pro:~ jensonjacob$ pwd  
/Users/jensonjacob
```

Create A Place For Your Credentials

Type the following at the command prompt:

```
mkdir .ssh
```

This “makes” a “directory” called “.ssh”. By starting the directory name with a period, you place it in “stealth mode” (hard for others to see your secret stuff).

Create A Place For Your Credentials

Change into the new `.ssh` directory by typing:

```
cd .ssh
```

This puts you into the “`.ssh`” directory. Type the below command to show where you are:

```
pwd
```

```
/Users/jensonjacob/.ssh
```


Move Your SSH To The New Place

Type the following at the command prompt:

```
cp ~/Downloads/YourFirstName_YourLastName .
```

```
cp ~/Downloads/Jenson_Jacob_INF_202 .
```

This “copies” your SSH key from the “Downloads” directory to the “.ssh” directory.

“Stealth Mode” Not Enough

Type the following at the command prompt:

```
chmod 600 YourFirstName_YourLastName
```

```
chmod 600 Jenson_Jacob_INF_202
```

This changes the file-access permissions on your key so that you and only you can access it.

Get Your Key Ready . . .

Type the following at the command prompt:

```
ssh-add -K YourFirstName_YourLastName
```

```
ssh-add -k Jenson_Jacob_INF_202
```

The passphrase is
hadoop

If you are not asked for a passphrase
here, then it is ok.

You will need to open your key like this
every time you log into the server.

Let's Join The Party!

Type the following at the command prompt:

```
ssh -i YourFirstName_YourLastName_INF_202  
      username@104.45.151.21
```

Replace “*username*” with the first part of your albany.edu email address. For instance, my email address is jjacob2@albany.edu. Thus, my username is **jjacob2**.

If You Are Asked For A Password . . .

Type the following at the command prompt:

```
hadoop
```

Most likely, you won't need it because your "ready" SSH key proves you are authorized but if asked, enter `hadoop`

You're In!

```
Welcome to Ubuntu 12.04.4 LTS (GNU/Linux 3.2.0-54-virtual x86_64)
```

```
* Documentation: https://help.ubuntu.com/
```

```
System information as of Thu Jan 30 01:12:26 UTC 2014
```

```
System load:  0.01          Processes:            89
Usage of /:   9.1% of 29.53GB Users logged in:          0
Memory usage: 14%          IP address for eth0: 10.182.189
Swap usage:   0%
```

```
Graph this data and manage this system at:
https://landscape.canonical.com/
```

```
Get cloud support with Ubuntu Advantage CL
http://www.ubuntu.com/business/services/
```

```
Use Juju to deploy your cloud instances and
https://juju.ubuntu.com/#cloud-precise
```

```
13 packages can be updated.
6 updates are security updates.
```

```
*** System restart required ***
```

```
Last login: Mon Jan 27 20:07:47 2014 from 170.123.6.4
```

```
jjacob2@in-10-182-189-221:~$
```

Once you're in, you begin at the end of a command prompt.
The server is ready for your command.

Join The Party

**You just joined
the party!**

Join The Party

Time to
SMILE!