

Staging server - Operation automation

All commands should be ran from the xubuntu VirtualBox VM unless noted otherwise.

Create the deploy folder alongside the MobyDock project

```
mkdir ~/Projects/MobyDock/deploy
```

Create an SSH folder within the deploy folder

```
mkdir ~/Projects/MobyDock/deploy/ssh
```

Make sure you're in the newly created SSH folder

```
cd ~/Projects/MobyDock/deploy/ssh
```

Copy the SSH config file from the staging server

```
scp you@192.168.1.99:/etc/ssh/sshd_config sshd_config  
<Replace you with your username, or omit this if it's the same>  
<Replace 192.168.1.99 with your server's IP if it is different>
```

Create a sudo folder within the deploy folder

```
mkdir ~/Projects/MobyDock/deploy/sudo
```

Make sure you're in the newly created sudo folder

```
cd ~/Projects/MobyDock/deploy/sudo
```

Print the existing sudoers file to your terminal

```
sudo cat /etc/sudoers  
<Enter in your password>
```

[copy the contents of this file described in the video]

Create a new sudoers file in the sudo folder

```
touch sudoers
```

[open the file and make the adjustments described in the video]

Make sure you're in the deploy folder

```
cd ~/Projects/MobyDock/deploy
```

Create a deploy.sh script and make it executable

```
touch deploy.sh  
chmod +x deploy.sh
```

[download and unzip the resource associated to the video lecture]

Open the deploy folder in sublime

```
subl .
```

Make the deploy.sh script executable again

```
chmod +x deploy.sh
```

Inspect the deploy script's pre-seed staging server instructions

```
./deploy.sh -S
```

Inspect the deploy script's pre-seed staging server instructions with a custom IP address

```
SERVER_IP="0.0.0.0" ./deploy.sh -S
```

Try running a deploy command that does not exist

```
./deploy.sh -sdfsdfsd
```

[edit the SERVER_IP's default value if yours is not 192.168.1.99]

Configure everything at once by using the -a command

```
./deploy.sh -a
```