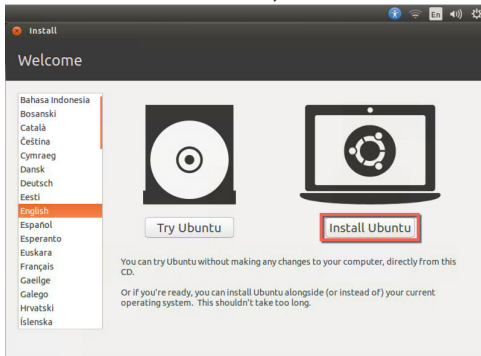
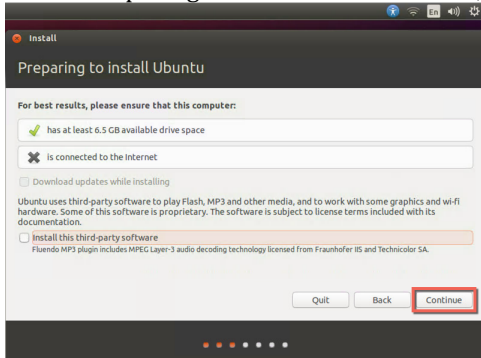


Public PC/Kiosk Setup

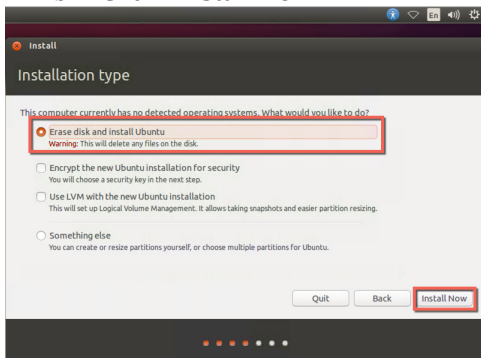
- I. Install Ubuntu 14.0.4 LTS Desktop (x64)
 1. Boot off a CD or USB drive
 2. On the Welcome screen, click: **Install Ubuntu**



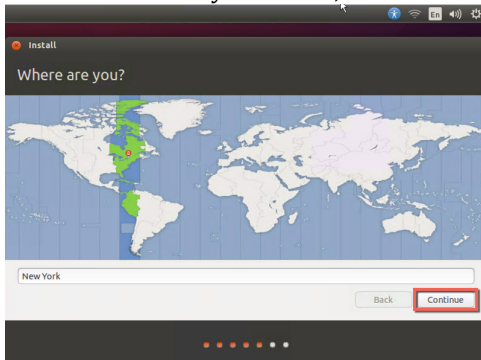
3. On the Preparing to install Ubuntu screen, click: **Continue**



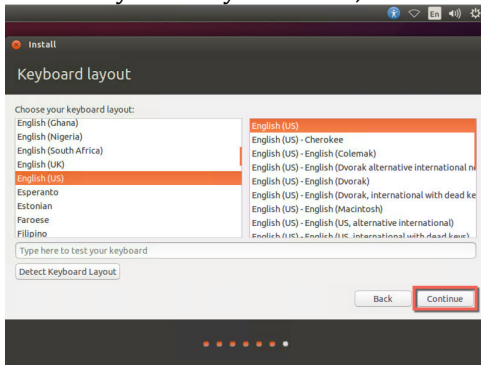
4. On the Installation type screen,
 - a. Select: **Erase disk and install Ubuntu**
 - b. Click: **Install Now**



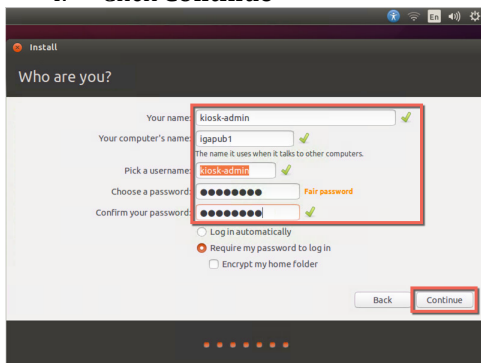
5. On the Where are you screen, click: **Continue**



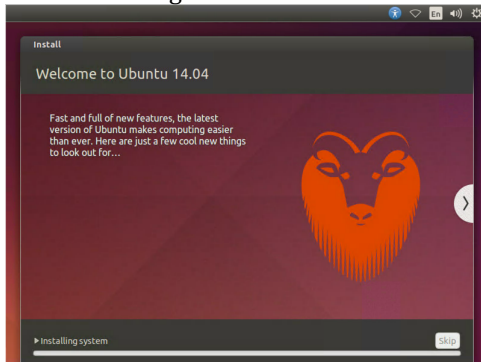
6. On the Keyboard layout screen, click: **Continue**



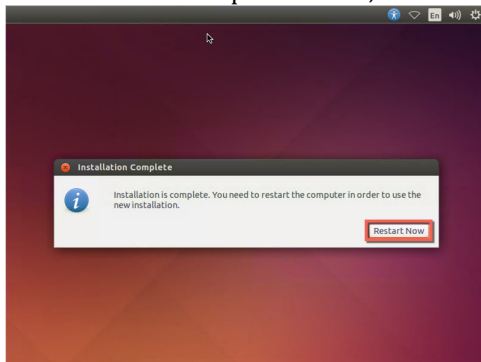
7. On the Who are you screen,
- In Yourname, type: **kiosk-admin**
 - In Your computer's name, type: **{computer name}**
 - In Pick a username, type: **kiosk-admin**
 - In Choose a password, type: **{password}**
 - In Confirm your password, type: **{password}**
 - Click **Continue**



8. Installation begins

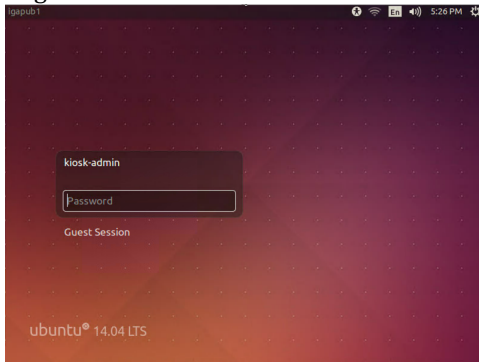


9. On Installation Complete screen, click: **Restart Now**



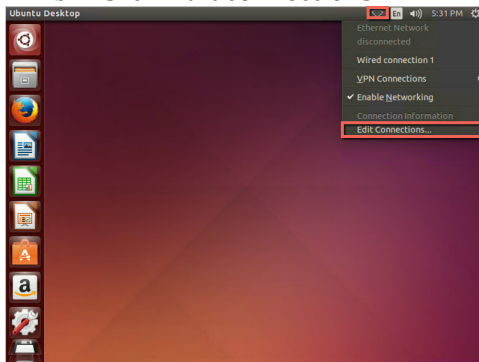
II. Configure Network Settings

1. Login as: kiosk-admin



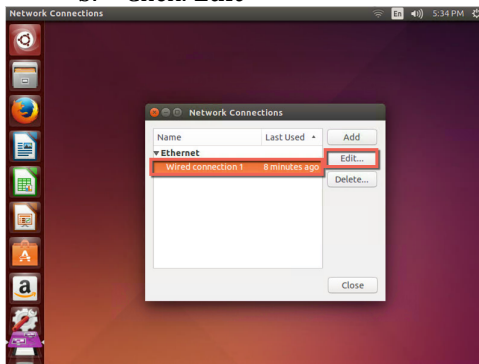
2. Edit Network settings,

- a. Click: **Wireless Network** icon
- b. Click: **Edit connections**

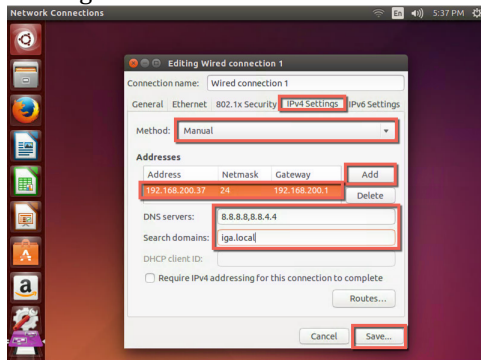


3. In Network Connections window,

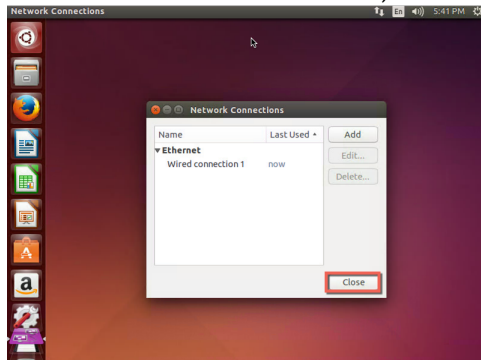
- a. Select: **Wired Connection 1**
- b. Click: **Edit**



4. In Edit Wired Connection 1 window,
 - a. Click: **IPv4 Settings**
 - b. Method: **Manual**
 - c. Click: **Add**
 - d. Type: **{IP address}, {Netmask}, and {Gateway}**
 - e. Type: **{DNS Servers}** (comma separated)
 - f. Type: **{Search domain}**
 - g. Click: **Save**



5. In Network Connections window, click: **Close**

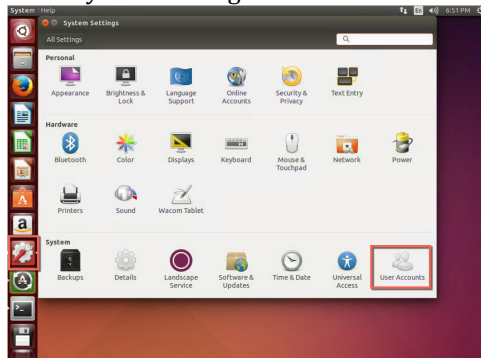


III. Install additional packages (Openbox, Google Chrome, OpenSSH Server)

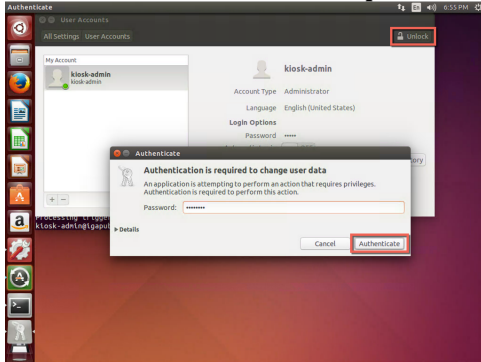
1. Open Terminal
2. Add Google Chrome repository
 - a. Type and Enter (all on one line):
wget -q -O - https://dl-ssl.google.com/linux/linux_signing_key.pub | sudo apt-key add -
 - b. Type and Enter (all on one line):
sudo sh -c 'echo "deb http://dl.google.com/linux/chrome/deb stable main" >> /etc/apt/sources.list.d/google-chrome.list'
3. Type and Enter: **sudo apt-get update**
4. Type and Enter: **sudo apt-get install google-chrome-stable openbox openssh-server**

IV. Create "public" user account

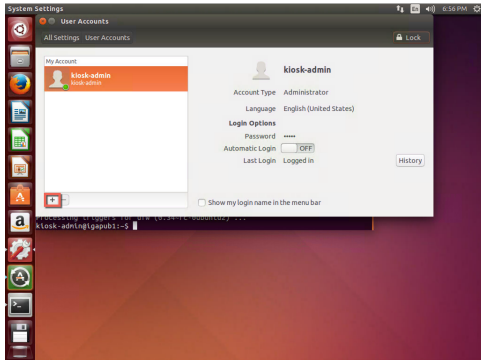
1. Go to System Settings and click User Accounts



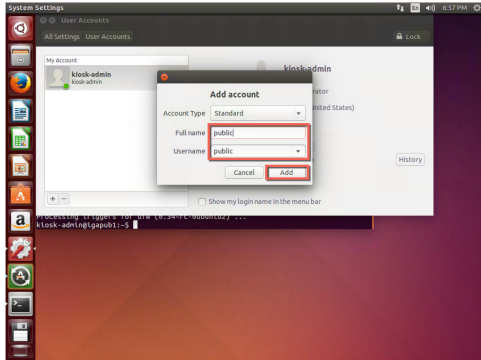
2. Click: **Unlock** and enter **admin** password



3. Click: **+**



4. Enter account information



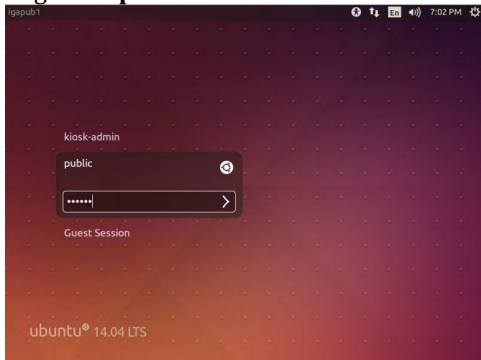
5. Close User Accounts window

6. Set password for public account:

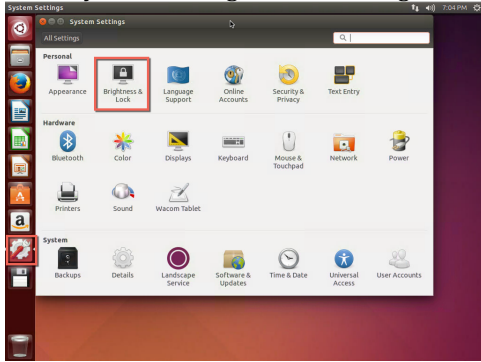
- In a terminal window, type and enter: **sudo passwd public**
- Type and enter: **{admin password}**
- Type and enter: **{new password}**
- Re-type and enter: **{new password}**

7. Log out

8. Log in as: **public**

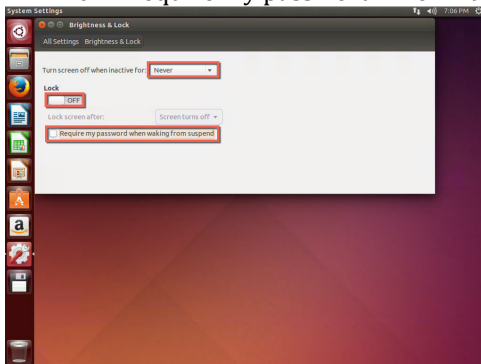


9. Go to System Settings and click Brightness & Lock



10. Set the following options and close Brightness & Lock window:

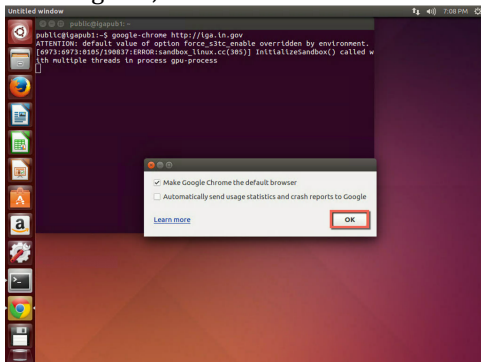
- a. Turn screen off when inactive for: **Never**
- b. Lock: **Off**
- c. Require my password when waking from suspend: **Uncheck**



11. Open Terminal

12. Type and Enter: **google-chrome http://iga.in.gov**

13. In dialog box, click: **Ok**



14. Maximize the Google Chrome browser

15. Close all open applications and log out

V.

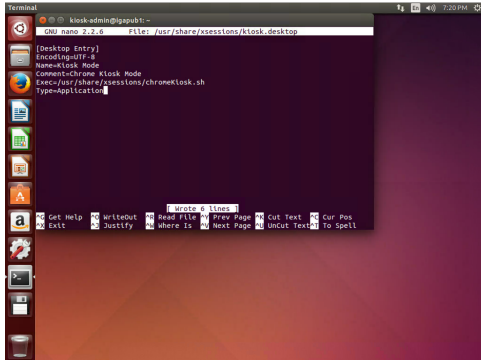
Configure Kiosk Environment

- 1. Login in as: **kiosk-admin**
- 2. Open Terminal
- 3. Type and Enter: **sudo nano /usr/share/xsessions/kiosk.desktop**

4. Edit the file so it contains the following:

```
[Desktop Entry]
Encoding=UTF-8
Name=Kiosk Mode
Comment=Chrome Kiosk Mode
Exec=/usr/share/xsessions/chromeKiosk.sh
Type=Application
```

Press “ctrl+o” to save the file and “ctrl+x” to exit nano



5. Type and Enter: **sudo nano /usr/share/xsessions/chromeKiosk.sh**
6. Edit it the file so it contains the following (replace red text with your values):

```
#!/bin/bash
xset -dpms
xset s off

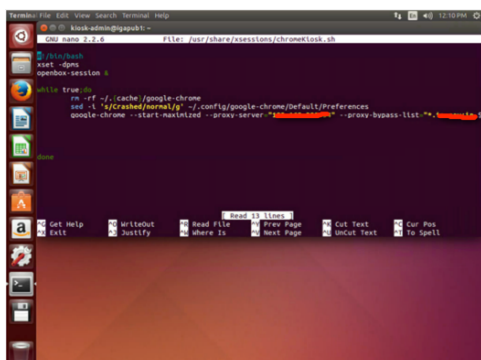
openbox-session &

while true; do
    rm -rf ~/.{cache}/google-chrome/
    sed -i 's/Crashed/normal/g' ~/.config/google-chrome/Default/Preferences
    google-chrome --start-maximized --proxy-server="{IP of Proxy Server}" --proxy-bypass-
list="{allowed-domain1.com;*.allowed-domain2.com} http://{allowed-domain1.com}

done
```

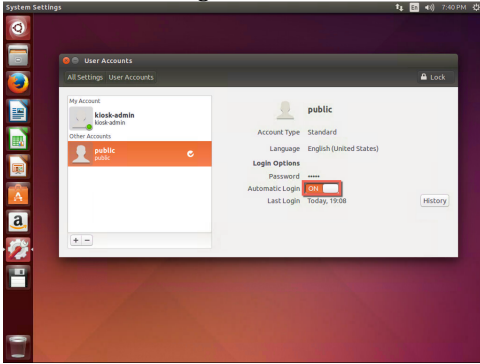
NOTE: If you want just one site to be allowed without any sub-domains use the example “allowed-domain1.com” in the bypass-list. If you need to allow one domain and all sub-domains use the example “*.allowed-domain2.com”. Also, make sure that the domains are separated by a semi-colon.

Press “ctrl+o” to save and “ctrl+x” to exit



7. Type and Enter: **sudo chmod +x /usr/share/xsessions/chromeKiosk.sh**
8. Go to System Settings, User Accounts
9. Click the **Unlock** button (top right corner)
10. Select: **public**

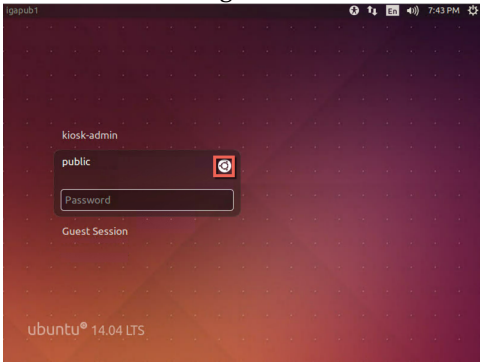
11. Set Automatic Login to: On



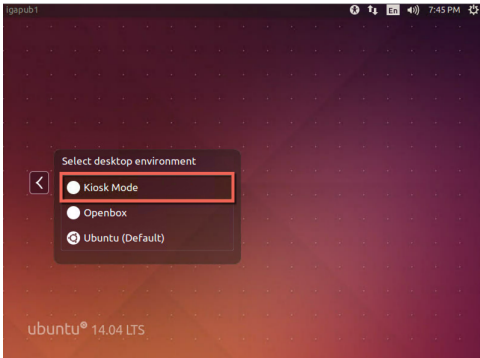
12. Logout

VI. Set public account to use "Kiosk Mode"

1. At login screen, select public
2. Click the Ubuntu logo next to the name



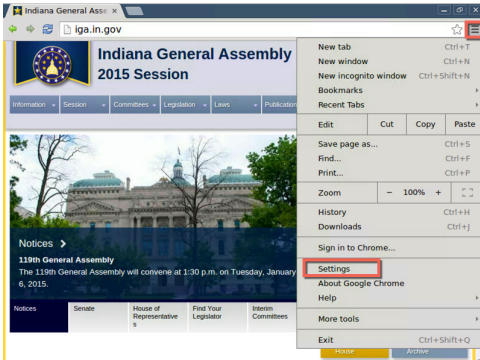
3. Choose Kiosk Mode



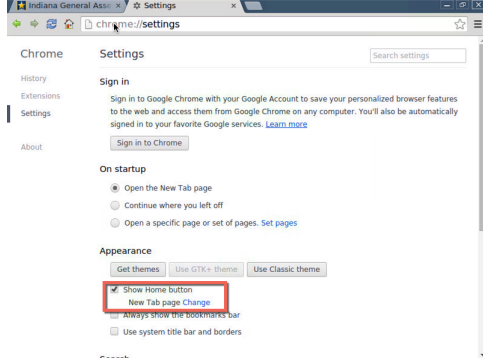
4. Type password and login

VII. Customize Google Chrome

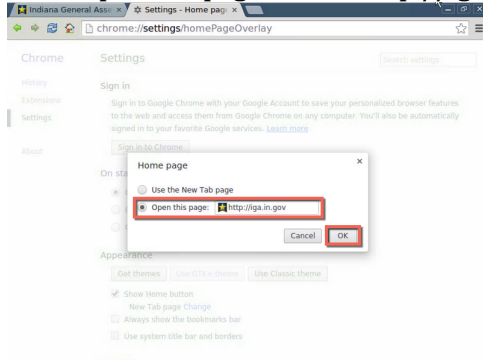
1. Click the Customize Chrome button and click Settings



2. Check **Show Home button** and click the **Change** link

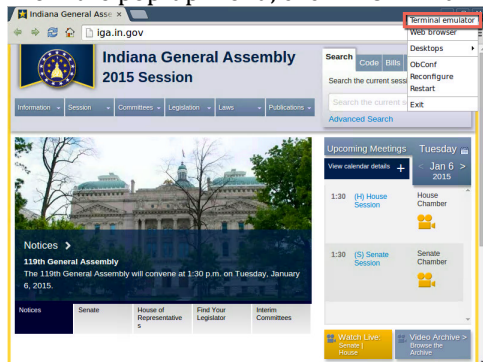


3. Select **Open this page**, set it to **http://iga.in.gov**, and click **OK**



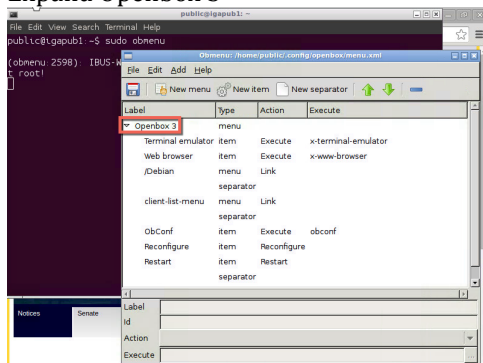
VIII. Remove Openbox right-click menu

1. SSH to Kiosk PC and login as kiosk-admin
2. Type and Enter: **sudo su**
3. Type and Enter: **echo 'public ALL=(ALL) NOPASSWD:ALL' >> /etc/sudoers**
4. Type and Enter: **sudo apt-get update**
5. Type and Enter: **sudo apt-get install obmenu**
6. Go to the Kiosk PC (which should be logged in as public), close Google Chrome and immediately right click on the Desktop when it is visible.
7. From the pop-up menu, click: **Terminal Emulator**

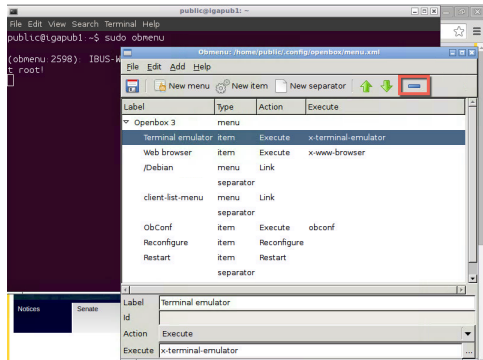


8. Type and Enter: **sudo obmenu**

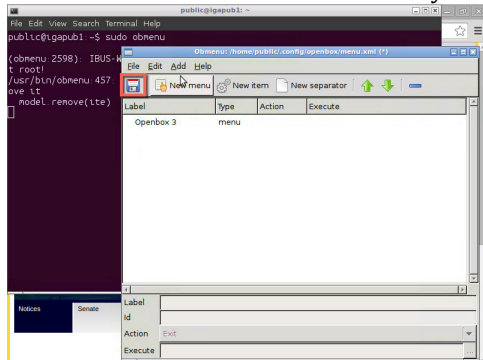
9. Expand Openbox 3



10. Select each item and click the remove icon



11. The menu should look like this when you are done, click: **Save**



12. Close Obmenu

13. Type and Enter: **sudo openbox --reconfigure**

14. Close Google Chrome and immediately right-click the desktop, the menu should be gone.

15. Close the Terminal Window

16. Go back to your SSH Session (logged in as kiosk-admin)

17. Type and Enter: **sudo nano /etc/sudoers**

18. Remove: **public ALL=(ALL) NOPASSWD:ALL**

19. Save and close the file

20. Reboot