** NOTES **

** SHOULD USE SUGGESTED SYSTEM**

because of python versions and frappe dependencies other systems might dont work

** SHOULD BE ONLY 2 USERS IN SYSTEM [ root & frappe ]**

you can use any other user other then frappe

** ROOT & FRAPPE PASSWORDS SHOULD BE SAME AS MARIADB**

you can use any other password other then frappe07

** SERVER SHOULD BE UPGRADED BEFORE START INSTALLATION**

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** DEVELOPMENT SETUP**

sudo apt-get clean -y  
sudo apt-get autoremove -y  
sudo apt --fix-broken install -y  
sudo dpkg --configure -a  
sudo apt-get install -f  
sudo apt-get update && sudo apt-get upgrade

**root@server22**

su - root

** FIREWALL**

ufw allow 22,25,143,80,443,3306,3022,8000/tcp  
ufw enable

** REQUIRED TOOLS**

apt-get install git python3-dev python3.10-dev python3-setuptools python3-pip python3-distutils redis-server -y  
apt install python3.10-venv -y  
sudo apt-get update -y  
apt-get install xvfb libfontconfig wkhtmltopdf -y

** MARIADB**

**SET YOUR ROOT PASSWORD HERE**

sudo passwd root  
password: frappe07

apt-get install mariadb-server mariadb-client -y

mysql\_secure\_installation

Change the root password? [Y/n] n  
Change the root password? [Y/n] y  
password: frappe07  
Remove anonymous users? [Y/n] y  
Disallow root login remotely? [Y/n] y  
Remove test database and access to it? [Y/n] y  
Reload privilege tables now? [Y/n] y

***set root password. THIS IS MUST***

mysql -u root -p  
USE mysql;  
ALTER USER root@localhost IDENTIFIED VIA mysql\_native\_password;  
SET PASSWORD = PASSWORD(‘frappe07’);  
\*\*\****GIVE THE PASSWORD AS ABOVE IN mysql\_secure\_installation SETUP***  
FLUSH PRIVILEGES;  
exit

nano /etc/mysql/my.cnf

\*\****add these lines @end of the file***

[mysqld]  
character-set-client-handshake = FALSE  
character-set-server = utf8mb4  
collation-server = utf8mb4\_unicode\_ci

[mysql]  
default-character-set = utf8mb4

service mysql restart  
sudo reboot

**frappe@server22**

**SET YOUR USER PASSWORD HERE**

sudo passwd frappe  
password: frappe07

sudo su - frappe  
sudo chmod o+x $HOME  
tee -a ~/.bashrc<<EOF  
PATH=$PATH:~/.local/bin/  
EOF  
source ~/.bashrc

** NODE JS & NPM**

sudo apt-get install curl  
curl -sL [https://deb.nodesource.com/setup\_16.x 8](https://deb.nodesource.com/setup_16.x) | sudo -E bash -  
sudo apt-get install -y nodejs

** BENCH DIRECTORY**

sudo mkdir /home/bench  
sudo chown -R frappe /home/bench  
cd /home/bench  
sudo npm install -g yarn

** FRAPPE**

sudo pip3 install frappe-bench

***Dont use other versions or something else***

bench init frappe --verbose --frappe-branch v14.0.0

cd frappe  
bench start

**OPEN NEW SESSION**

** SITE CREATION**

sudo su - frappe  
cd /home/bench/frappe  
bench new-site site1.local  
bench use site1.local  
bench migrate

** ERPNEXT & HRMS**

bench get-app payments

***make sure*** bench is runing in other terminal

bench get-app erpnext --branch v14.0.0

***make sure*** bench is runing in other terminal

bench get-app hrms

***make sure*** bench is runing in other terminal

bench --site site1.local install-app erpnext

***make sure*** bench is runing in other terminal

bench --site site1.local install-app hrms  
bench use site1.local  
bench migrate  
***make sure*** bench is runing in other terminal

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 **GO TO [SERVER IP]:8000 SETUP YOUR DEVELOPMENT SYSTEM** 

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** PRODUCTION SETUP**

bench --site site1.local enable-scheduler  
bench --site site1.local add-to-hosts  
bench --site site1.local set-maintenance-mode off  
bench --site site1.local scheduler resume  
sudo snap install --classic certbot  
sudo bench setup production frappe

bench setup supervisor  
sudo ln -s pwd/config/supervisor.conf /etc/supervisor/conf.d/frappe.conf​  
sudo bench setup sudoers $(whoami)

**STOP BENCH ++> ctrl+c**

sudo service supervisor stop  
sudo service nginx stop  
sudo service supervisor start  
sudo service nginx start  
sudo bench setup production frappe

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 **GO TO [SERVER IP] YOUR PRODUCTION SYSTEM IS UP** 

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 Solved by [Usman\_Ali](https://discuss.erpnext.com/t/erpnext-14-installation-development-productions-ubuntu-server-22-04/92922) in [post #17](https://discuss.erpnext.com/t/erpnext-14-installation-development-productions-ubuntu-server-22-04/92922/17)

After productions is up. if you want to add any other app. just go through with below setup to avoid error: <class ‘PermissionError’>, [Errno 13] Permission denied: file: /usr/lib/python3/dist-packages/supervisor/xmlrpc.py line: 560 Thanks and all the best to whole ERPNext family ===============…

1 Reply

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* [Erpnext 12 Installation DEVELOPMENT & PRODUCTIONS [UBUNTU/SERVER 20.04]3](https://discuss.erpnext.com/t/erpnext-12-installation-development-productions-ubuntu-server-20-04/92945)
* [Erpnext & Frappe Dev versions Latest Installation DEVELOPMENT & PRODUCTIONS [UBUNTU/SERVER 22.04]2](https://discuss.erpnext.com/t/erpnext-frappe-dev-versions-latest-installation-development-productions-ubuntu-server-22-04/92959)
* [[DEBIAN 11 Setup Guide] Erpnext & Frappe 13 & Dev14+ DEVELOPMENT & PRODUCTION2](https://discuss.erpnext.com/t/debian-11-setup-guide-erpnext-frappe-13-dev14-development-production/93329)