

General

ERPNext Installation

01. Setup Ubuntu Server 22.04
 02. Set timezone: `timedatectl set-timezone //Europe/Athens//`
 03. Update server and reboot: `sudo apt-get update -y ; sudo apt-get upgrade -y`
 03. Create a user to hold the site: `sudo adduser frappe-user ; usermod -aG sudo frappe-user ; sudo su - frappe-user`
 04. Install git: `sudo apt-get install git`
 05. Install Python: `sudo apt-get install python3-dev python3.10-dev python3-setuptools python3-pip python3-distutils`
 06. Install Python Virtual Environment: `sudo apt-get install python3.10-venv`
 07. Install Software Properties Common: `sudo apt-get install software-properties-common`
 08. Install MariaDB: `sudo apt install mariadb-server mariadb-client`
 09. Install Redis Server: `sudo apt-get install redis-server`
 10. Install other necessary packages: `sudo apt-get install xvfb libfontconfig wkhtmltopdf ; sudo apt-get install libmysqlclient-dev`
 11. Setup the server: `sudo mysql_secure_installation`
 12. Edit the MySQL default config file: `sudo vim /etc/mysql/my.cnf`
 - 12.a. Add the below code block at the bottom of the file:

```
[mysqld]
character-set-client-handshake = FALSE
character-set-server = utf8mb4
collation-server = utf8mb4_unicodeci
[mysql]
default-character-set = utf8mb4
```
 13. Restart the MySQL server: `sudo service mysql restart`
 14. Install CURL: `sudo apt install curl`
 15. Install Node: `curl https://raw.githubusercontent.com/creationix/nvm/master/install.sh | bash ; source ~/.profile ; nvm install 16.15.0`
 16. Install NPM: `sudo apt-get install npm`
 17. Install Yarn: `sudo npm install -g yarn`
 18. Install Frappe Bench: `sudo pip3 install frappe-bench`
 19. Initialize Frappe Bench: `bench init --frappe-branch version-14 frappe-bench`
 20. Go to Frappe Bench directory: `cd frappe-bench/`
 21. Change user directory permissions: `chmod -R o+rx /home/frappe-user/`
 22. Create a New Site: `bench new-site site1.local (site1.local, μ site)`
 23. Download the necessary apps to our server
 - 23.a. Download the payments apps: `bench get-app payments`
 - 23.b. Download the main ERPNext app: `bench get-app --branch version-14 erpnext`
 - 23.c. Download the HR & Payroll app (optional): `bench get-app hrms`
 - 23.d. Download the ecommerce integrations apps (optional): `bench get-app ecommerceintegrations --branch main`
 - 23.e. Check if all the apps are correctly downloaded: `bench version --format table`
 24. Install the main ERPNext app: `bench --site site1.local install-app erpnext (site1.local, μ site)`
 25. Install the HR & Payroll app (optional): `bench --site site1.local install-app hrms (site1.local, μ site)`
 26. Install the ecommerce integrations apps (optional): `bench --site site1.local install-app ecommerceintegrations (site1.local, μ site)`
- ### SETUP PRODUCTION SERVER
27. Enable scheduler service: `bench --site site1.local enable-scheduler (site1.local, μ site)`
 28. Disable maintenance mode: `bench --site site1.local set-maintenance-mode off (site1.local, μ site)`
 29. Setup production config: `sudo bench setup production frappe-user`
 30. Setup NGINX web server: `bench setup nginx`
 31. Final server setup: `sudo supervisorctl restart all ; sudo bench setup production frappe-user`
 32. Enable firewall: `sudo ufw allow 22,25,143,80,443,3306,3022,8000/tcp ; sudo ufw enable`

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