Installing Odoo 17.0 on an Ubuntu 24.04 Hostinger VPS involves several steps, including updating the system, installing necessary dependencies, setting up PostgreSQL, downloading and installing Odoo, and configuring it to run as a service. Below are the detailed steps:

**Step 1: Update Your System**

First, ensure your VPS is up-to-date by running:

bash

sudo apt update

sudo apt upgrade -y

**Step 2: Install Dependencies**

Odoo requires several dependencies. Install them with the following commands:

bash

sudo apt install git python3-pip build-essential wget python3-dev python3-venv \

python3-wheel libxslt-dev libzip-dev libldap2-dev libsasl2-dev python3-setuptools \

node-less gdebi-core libpq-dev -y

**Step 3: Install and Configure PostgreSQL**

Odoo uses PostgreSQL as its database. Install PostgreSQL and create a user for Odoo:

bash

sudo apt install postgresql -y

sudo su - postgres

createuser --createdb --username postgres --no-createrole --no-superuser --pwprompt odoo17

Provide a password when prompted, then exit the PostgreSQL user shell:

bash

exit

**Step 4: Download and Install Wkhtmltopdf**

Wkhtmltopdf is used for printing PDF reports in Odoo. Download and install the compatible version:

bash

wget https://github.com/wkhtmltopdf/packaging/releases/download/0.12.6-1/wkhtmltox\_0.12.6-1.bionic\_amd64.deb

sudo apt install ./wkhtmltox\_0.12.6-1.bionic\_amd64.deb

**Step 5: Install Odoo**

Clone the Odoo repository and install the necessary Python dependencies:

bash

sudo mkdir /opt/odoo17

sudo chown $USER:$USER /opt/odoo17

git clone https://www.github.com/odoo/odoo --branch 17.0 --depth 1 /opt/odoo17/odoo

cd /opt/odoo17/odoo

python3 -m venv venv

source venv/bin/activate

pip install -r requirements.txt

deactivate

**Step 6: Create Odoo Configuration File**

Create a configuration file for Odoo:

bash

sudo nano /etc/odoo17.conf

Add the following content, replacing your\_password with the password you set for the PostgreSQL odoo17 user:

ini

[options]

; This is the password that allows database operations:

admin\_passwd = admin

db\_host = False

db\_port = False

db\_user = odoo17

db\_password = your\_password

addons\_path = /opt/odoo17/odoo/addons

logfile = /var/log/odoo17/odoo.log

**Step 7: Create a Systemd Service File for Odoo**

Create a service file to manage the Odoo process:

bash

sudo nano /etc/systemd/system/odoo17.service

Add the following content:

ini

[Unit]

Description=Odoo

Documentation=https://www.odoo.com

[Service]

# Ubuntu/Debian convention:

Type=simple

User=odoo17

ExecStart=/opt/odoo17/odoo/venv/bin/python3 /opt/odoo17/odoo/odoo-bin -c /etc/odoo17.conf

[Install]

WantedBy=default.target

**Step 8: Start and Enable Odoo Service**

Reload the systemd daemon, start the Odoo service, and enable it to start on boot:

bash

sudo systemctl daemon-reload

sudo systemctl start odoo17

sudo systemctl enable odoo17

**Step 9: Configure Firewall (if needed)**

Allow HTTP and HTTPS traffic through the firewall:

bash

sudo ufw allow http

sudo ufw allow https

**Step 10: Access Odoo**

Open your web browser and navigate to your server's IP address on port 8069:

arduino

http://your\_server\_ip:8069

You should now see the Odoo 17.0 setup page.

**Conclusion**

You have successfully installed Odoo 17.0 on your Ubuntu 24.04 Hostinger VPS using the odoo17 user. You can now proceed with the initial setup and configuration through the web interface.