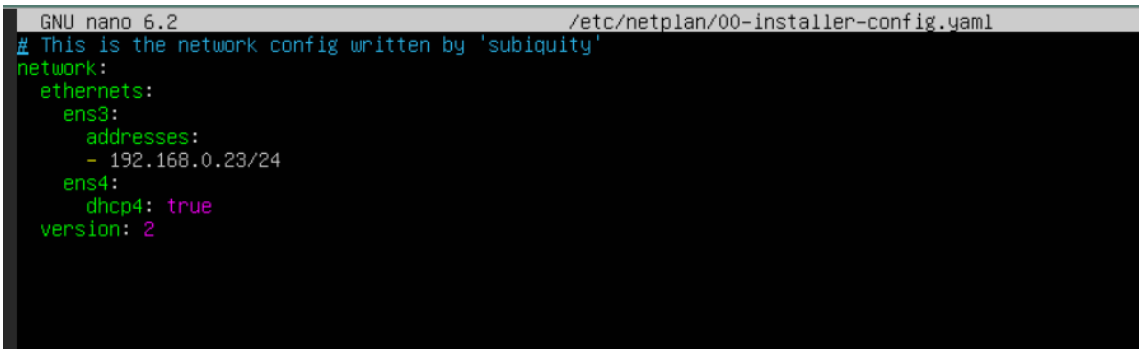
Iturburu kode bidez: Ubuntu Server 22.04-ean Odoo instalatzea

Helburua: Odoo-ren 17. bertsioa instalatzea Linux Ubuntu Server 22.04.01 LTS sisteman, eta bertatik zerbitzua eskeini.

Pausoak:

1. **Zerbitzaria eta hasieran erabilitako W10-a sare berean jarri:**

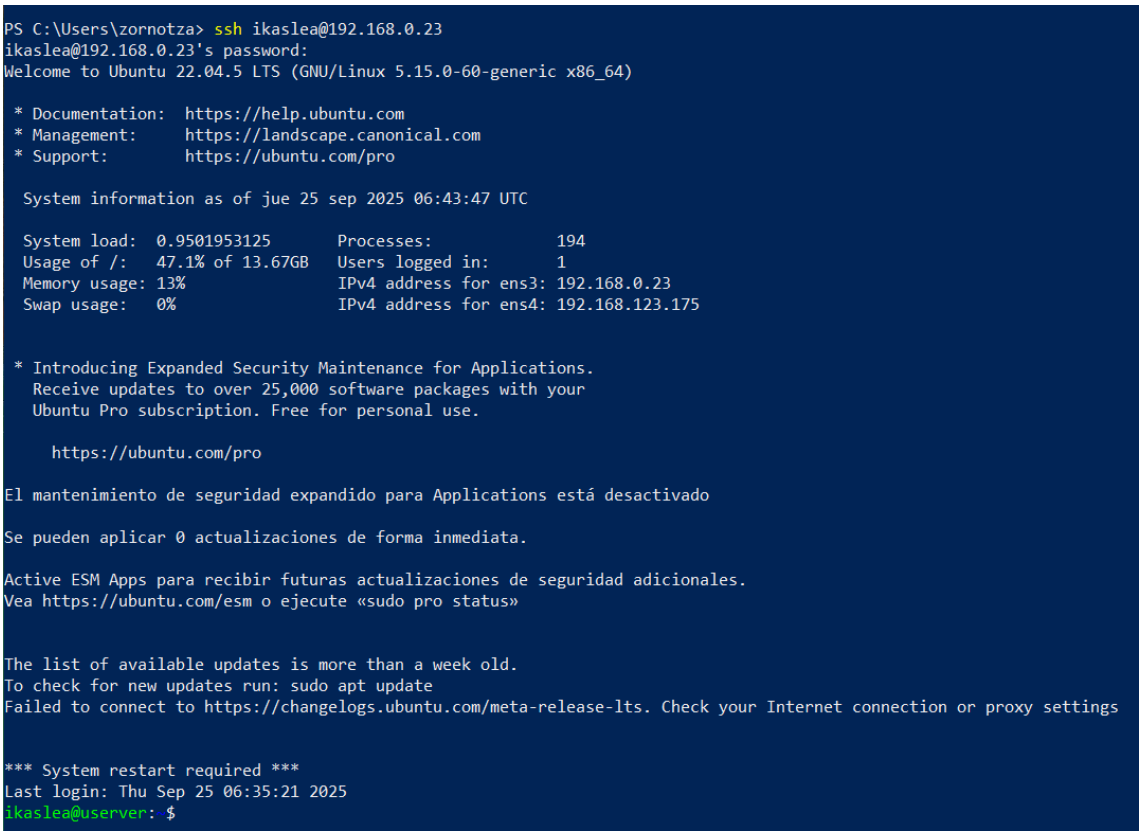


sudo netplan apply

2. **Zerbitzaria eguneratu:**

sudo apt-get update -y && sudo apt-get upgrade -y

3. **SSH bidez konektatu:**



4. **Python eta beharrezko libreriak instalatu:**

   sudo apt install python3-pip python3-dev python3-venv libxml2-dev libxslt1-dev zlib1g-dev libsasl2-dev libldap2-dev build-essential libssl-dev libffi-dev libmysqlclient-dev libjpeg-dev libpq-dev libjpeg8-dev liblcms2-dev libblas-dev libatlas-base-dev -y

5. **PostgreSQL instalatu**

   sudo apt install postgresql -y

   Beharrezkoa balitz: sudo systemctl start postgresql && sudo systemctl enable postgresql

   sudo systemctl status postgresql

```
ikaslea@userver:~$ sudo systemctl status postgresql
● postgresql.service - PostgreSQL RDBMS
     Loaded: loaded (/lib/systemd/system/postgresql.service; enabled; vendor preset: enabled)
     Active: active (exited) since Thu 2025-09-25 06:59:05 UTC; 42s ago
    Process: 56513 ExecStart=/bin/true (code=exited, status=0/SUCCESS)
   Main PID: 56513 (code=exited, status=0/SUCCESS)
        CPU: 1ms

sep 25 06:59:05 userver systemd[1]: Starting PostgreSQL RDBMS...
sep 25 06:59:05 userver systemd[1]: Finished PostgreSQL RDBMS.
```

6. **Odoo eta PostgreSQL erabiltzaileak sortu**

   Odoo:

   sudo useradd -m -U -r -d /opt/odoo17 -s /bin/bash odoo17

   sudo passwd odoo17

   passwd: password updated successfully

```
ikaslea@userver:~$ sudo useradd -m -U -r -d /opt/odoo17 -s /bin/bash odoo17
ikaslea@userver:~$ cat /etc/passwd | grep odoo17
odoo17:x:998:998::/opt/odoo17:/bin/bash
ikaslea@userver:~$ sudo passwd odoo17
New password:
Retype new password:
passwd: password updated successfully
ikaslea@userver:~$
```

PostgreSQL

sudo su - postgres -c "createuser -s odoo17"

```
ikaslea@userver:~$ sudo su - postgres -c "createuser -s odoo17"
ikaslea@userver:~$ sudo su - postgres
postgres@userver:~$ psql
psql (14.19 (Ubuntu 14.19-0ubuntu0.22.04.1))
Type "help" for help.

postgres=# \du
                                   List of roles
 Role name |                         Attributes                         | Member of
-----------+------------------------------------------------------------+-----------
 odoo17    | Superuser, Create role, Create DB                          | {}
 postgres  | Superuser, Create role, Create DB, Replication, Bypass RLS | {}

postgres=# \l
                                  List of databases
   Name    |  Owner   | Encoding |   Collate   |    Ctype    |   Access privileges
-----------+----------+----------+-------------+-------------+-----------------------
 postgres  | postgres | UTF8     | es_ES.UTF-8 | es_ES.UTF-8 |
 template0 | postgres | UTF8     | es_ES.UTF-8 | es_ES.UTF-8 | =c/postgres          +
           |          |          |             |             | postgres=CTc/postgres
 template1 | postgres | UTF8     | es_ES.UTF-8 | es_ES.UTF-8 | =c/postgres          +
           |          |          |             |             | postgres=CTc/postgres
(3 rows)

postgres=#
```

Beste era bat

```
$ sudo su postgres
$ createuser --createdb --pwprompt odoo
$ exit
```

7. **Odoo instalatu eta konfiguratu**

   Lehenik eta behin Odoo erabiltzailearekin logatu eta Odooren azken bertsioa /opt direktoriora klonatu.

   su - odoo17

```
postgres@userver:~$ su - odoo17
Password:
odoo17@userver:~$ pwd
/opt/odoo17
odoo17@userver:~$
```

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

```
odoo17@userver: $ odoo17@userver: $ git clone https://www.github.com/odoo/odoo --depth 1 --branch 17.0 /
opt/odoo17/odoo17
Cloning into '/opt/odoo17/odoo17'...
warning: redirecting to https://github.com/odoo/odoo.git/
remote: Enumerating objects: 42401, done.
remote: Counting objects: 100% (42401/42401), done.
remote: Compressing objects: 100% (32433/32433), done.
remote: Total 42401 (delta 10486), reused 32652 (delta 8441), pack-reused 0 (from 0)
Receiving objects: 100% (42401/42401), 166.50 MiB | 754.00 KiB/s, done.
Resolving deltas: 100% (10486/10486), done.
Updating files: 100% (37561/37561), done.
odoo17@userver: $
```

Ondoren, Pythonen ingurune birtuala aktibatu eta Odooren beharrizanak (requirements) instalatzen hasi.

Badaezpada (bagaude iada eta): cd /opt/odoo17

python3 -m venv odoo17-venv

source odoo17-venv/bin/activate (KENDU tildea activatetik!!!!!!)

```
odoo17@userver:~$ python3 -m venv odoo17-venv
odoo17@userver:~$ source odoo17-venv/bin/activate
(odoo17-venv) odoo17@userver:~$ ls
odoo17  odoo17-venv
```

pip install --upgrade pip setuptools wheel

```
(odoo17-venv) odoo17@userver:~$ pip install --upgrade pip setuptools wheel
Requirement already satisfied: pip in ./odoo17-venv/lib/python3.10/site-packages (22.0.2)
Collecting pip
  Downloading pip-25.2-py3-none-any.whl (1.8 MB)
     ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1.8/1.8 MB 1.2 MB/s eta 0:00:00
Requirement already satisfied: setuptools in ./odoo17-venv/lib/python3.10/site-packages (59.6.0)
Collecting setuptools
  Downloading setuptools-80.9.0-py3-none-any.whl (1.2 MB)
     ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1.2/1.2 MB 1.6 MB/s eta 0:00:00
Collecting wheel
  Downloading wheel-0.45.1-py3-none-any.whl (72 kB)
     ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 72.5/72.5 KB 2.3 MB/s eta 0:00:00
Installing collected packages: wheel, setuptools, pip
  Attempting uninstall: setuptools
    Found existing installation: setuptools 59.6.0
    Uninstalling setuptools-59.6.0:
      Successfully uninstalled setuptools-59.6.0
  Attempting uninstall: pip
    Found existing installation: pip 22.0.2
    Uninstalling pip-22.0.2:
      Successfully uninstalled pip-22.0.2
Successfully installed pip-25.2 setuptools-80.9.0 wheel-0.45.1
(odoo17-venv) odoo17@userver:~$
```

pip install -r odoo17/requirements.txt

Arazorik balego:

```
Collecting gevent==21.8.0 (from -r odoo17/requirements.txt (line 19))
  Downloading gevent-21.8.0.tar.gz (6.2 MB)
     ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 6.2/6.2 MB 1.2 MB/s  0:00:05
  Installing build dependencies ... done
  Getting requirements to build wheel ... error
  error: subprocess-exited-with-error

  × Getting requirements to build wheel did not run successfully.
  │ exit code: 1
  ╰─> [45 lines of output]
      Compiling src/gevent/resolver/cares.pyx because it changed.
      [1/1] Cythonizing src/gevent/resolver/cares.pyx
      performance hint: src/gevent/libev/corecext.pyx:1325:0: Exception check on '_syserr_cb' will alway
s require the GIL to be acquired.
      Possible solutions:
          1. Declare '_syserr_cb' as 'noexcept' if you control the definition and you're sure you don't
want the function to raise exceptions.
          2. Use an 'int' return type on '_syserr_cb' to allow an error code to be returned.
```

Requirements.txt fitxategian bertsio egokia adierazi beharko dugu:

```
geoip2==2.9.0
gevent==22.8.0 ; sys_platform != 'win32' and python_version == '3.10'  # (Jammy)
gevent==22.10.2; sys_platform != 'win32' and python_version > '3.10' and python_ve
gevent==24.2.1 ; sys_platform != 'win32' and python_version >= '3.12' and python_v
```

Behin gevent==22.8.0 aldatuta, requirements instalatzerakoan, bertsio arazo bat konpondu beharra dago:

```
INFO: pip is looking at multiple versions of gevent to determine which version is compatible with other
requirements. This could take a while.
ERROR: Cannot install -r odoo17/requirements.txt (line 19) and greenlet==1.1.2 because these package ver
sions have conflicting dependencies.

The conflict is caused by:
    The user requested greenlet==1.1.2
    gevent 22.8.0 depends on greenlet<2.0 and >=1.1.3; platform_python_implementation == "CPython"

To fix this you could try to:
1. loosen the range of package versions you've specified
2. remove package versions to allow pip to attempt to solve the dependency conflict

ERROR: ResolutionImpossible: for help visit https://pip.pypa.io/en/latest/topics/dependency-resolution/#
dealing-with-dependency-conflicts
(odoo17-venv) odoo17@userver:~$
```

```
gevent==22.8.0 ; sys_platform != 'win32' and python_version == '3.10'  # (Jammy)
gevent==22.10.2; sys_platform != 'win32' and python_version > '3.10' and python_version < '3.12'
gevent==24.2.1 ; sys_platform != 'win32' and python_version >= '3.12' and python_version < '3.13'  # (N
gevent==24.11.1 ; sys_platform != 'win32' and python_version >= '3.13'  # (Trixie)
greenlet==1.1.3 ; sys_platform != 'win32' and python_version == '3.10'  # (Jammy)
greenlet==2.0.2 ; sys_platform != 'win32' and python_version > '3.10' and python_version < '3.12'
```

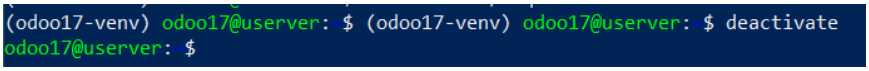
2025/09/23 – Beharrezko bertsioak gevent==22.8.0 eta greenlet==1.1.3

Eta berriro ere “pip install -r odoo17/requirements.txt” exekutatzerakoan eta arazorik sortzen duen beste paketerik ez badago:

ADI!!! requirements-en instalazioak arazorik eman ezkero, 4. puntuan instalaturiko dependentziak berriro ere instalatzen saiatu. Gertatu izan zaigu, paketeak instalaturik egotea uste izana, eta ondoren eskuz instalatuta (Kopiatu+itsatsi gabe), requirements ondo instalatzen dira.

Behin eginda, ingurune birtuala desgaitu.

Deactivate



8. **Odoo 17-ren konfigurazio fitxategia sortu**

Lehenik Odooren gehigarrietarako (addons) direktorioa eta log fitxategia sortuko ditugu.

mkdir /opt/odoo17/odoo17-custom-addons

chown -R odoo17:odoo17 /opt/odoo17/odoo17-custom-addons

---

sudo mkdir -p /var/log/odoo17

sudo touch /var/log/odoo17/odoo17.log

sudo chown -R odoo17:odoo17 /var/log/odoo17

Odooren konfigurazio fitxategia sortu eta editatuko dugu:

```
odoo17@userver:~$ pwd
/opt/odoo17
odoo17@userver:~$ nano odoo17.conf
```

Bertan hurrengo edukia itsatsi. ADI!!! 6. Puntuko Odoo ataleko pasahitza ordezkatu

```
[options]
admin_passwd = YourStrongPasswordHere
db_host = False
db_port = False
db_user = odoo17
db_password = False
xmlrpc_port = 8069
logfile = /var/log/odoo17/odoo17.log
addons_path = /opt/odoo17/odoo17/addons,/opt/odoo17/odoo17-custom-addons
```

```
 GNU nano 6.2                                  odoo17.conf *
[options]
admin_passwd = odoo17
db_host = False
db_port = False
db_user = odoo17
db_password = False
xmlrpc_port = 8069
logfile = /var/log/odoo17/odoo17.log
addons_path = /opt/odoo17/odoo17/addons,/opt/odoo17/odoo17-custom-addons
```

ADI!! Web ingurunea kargatzen ez den kasuetan, addons_path errebisatu!! Ibilbideak bat etorri behar dira

9. **Sortu Odoo systemd unitateko fitxategia (zerbitzua kudeatzeko)**

Honekin zerbitzua abiarazi, gelditu zein sistema abiarazterakoan automatikoki martxan jartzeko aukera izango dugu.

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

Bertan hurrengo edukia itsatsi.

```
[Unit]
Description=odoo17
After=network.target postgresql@14-main.service

[Service]
Type=simple
SyslogIdentifier=odoo17
PermissionsStartOnly=true
User=odoo17
Group=odoo17
ExecStart=/opt/odoo17/odoo17-venv/bin/python3  /opt/odoo17/odoo17/odoo-bin  -c
/opt/odoo17/odoo17.conf
StandardOutput=journal+console
```

[Install]

WantedBy=multi-user.target

```
 GNU nano 6.2                    /etc/systemd/system/odoo17.service
[Unit]
Description=odoo17
After=network.target postgresql@14-main.service

[Service]
Type=simple
SyslogIdentifier=odoo17
PermissionsStartOnly=true
User=odoo17
Group=odoo17
ExecStart=/opt/odoo17/odoo17-venv/bin/python3 /opt/odoo17/odoo17/odoo-bin -c /opt/odoo17/odoo17.conf
StandardOutput=journal+console

[Install]
WantedBy=multi-user.target
```

Zerbitzua birkargatu eta berriro abiarazi, gaitu eta kontsultatu.

sudo systemctl daemon-reload

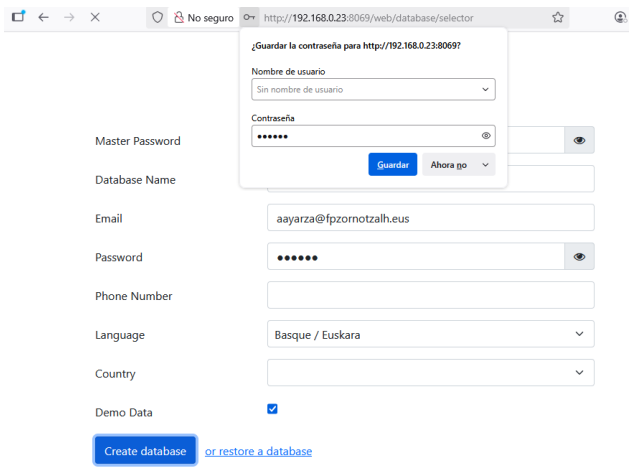
sudo systemctl start odoo17 && sudo systemctl enable odoo17

sudo systemctl status odoo17

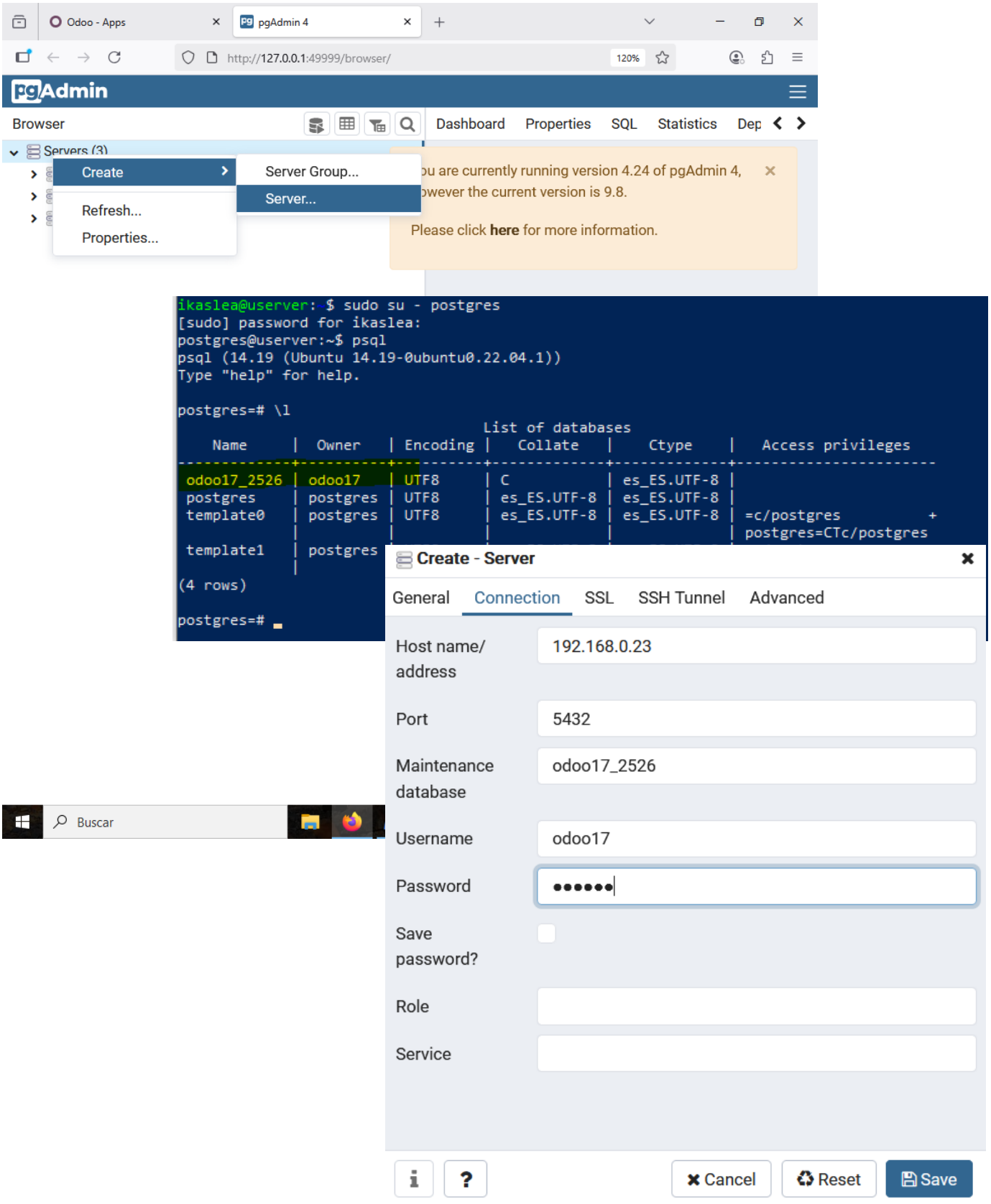
```
ikaslea@userver: $ sudo systemctl daemon-reload
ikaslea@userver: $ sudo systemctl start odoo17 && sudo systemctl enable odoo17
Created symlink /etc/systemd/system/multi-user.target.wants/odoo17.service → /etc/systemd/system/odoo17.
service.
ikaslea@userver: $ sudo systemctl status odoo17
● odoo17.service - odoo17
     Loaded: loaded (/etc/systemd/system/odoo17.service; enabled; vendor preset: enabled)
     Active: active (running) since Thu 2025-09-25 08:31:03 UTC; 7s ago
   Main PID: 57374 (python3)
      Tasks: 4 (limit: 3441)
     Memory: 76.4M
        CPU: 1.133s
     CGroup: /system.slice/odoo17.service
             └─57374 /opt/odoo17/odoo17-venv/bin/python3 /opt/odoo17/odoo17/odoo-bin -c /opt/odoo17/odo>

sep 25 08:31:03 userver systemd[1]: Started odoo17.
sep 25 08:31:03 userver odoo17[57374]: /opt/odoo17/odoo17/odoo/modules/module.py:11: UserWarning: pkg_r>
sep 25 08:31:03 userver odoo17[57374]:   import pkg_resources
ikaslea@userver: $ sudo nano /etc/systemd/system/odoo17.service
```

10. **Zerbitzarira nabigatzailetik konektatu**

http://ZureZerbitzariarenIPHelbidea:8069



Datu basea PGadmin-en atzitu:



PostgreSQL datu baseak lokalean zein urrunetik kontrolatzeko pgadmin4 (interfaz grafikoa) erabiliko dugu. Bezero diren sistema eragileetan (Ubuntu Desktop edo w10,11) instalatu dezakegu eta berau erabili ingurune grafikorik ez daukaten zerbitzarietako datu baseak ere kudeatzeko.

Azken honetarako pausu hauek jarraituko ditugu:

Ssh konexioa daukagula ziurtatu ondoren, konexioa ezarri eta hurrengo fitxategiak editatu:

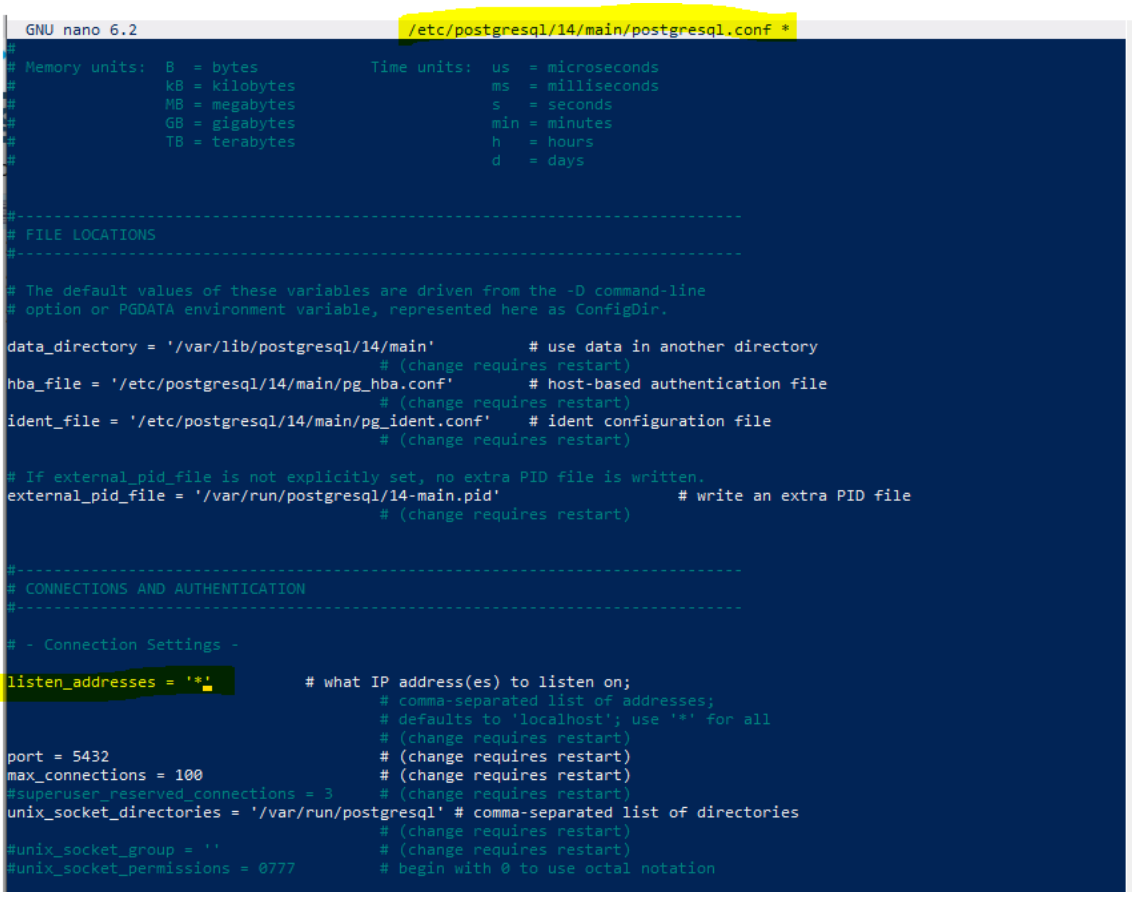
1. `nano /etc/postgresql/14/main/postgresql.conf`

   Lerro hau aurkitu:

   ```
   #listen_addresses = 'localhost'          # what IP address(es) to
   listen on;
   ```

   Eta honela utzi:

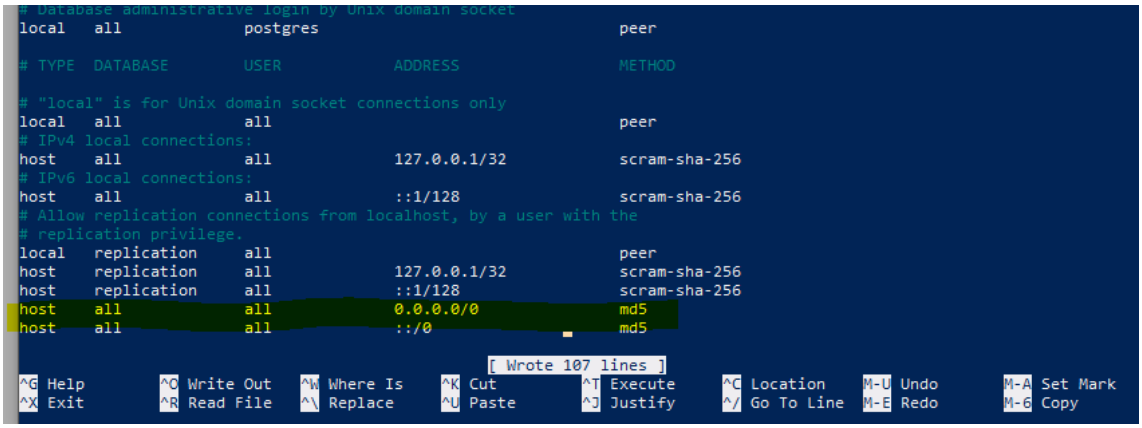
   ```
   listen_addresses = '*'          # what IP address(es) to listen
   on;
   ```



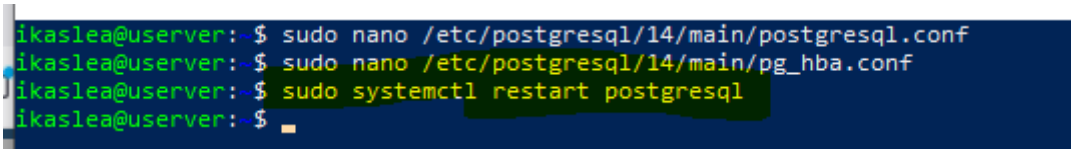
2. nano /etc/postgresql/14/main/pg_hba.conf

Amaieran bi lerro hauek gehitu:

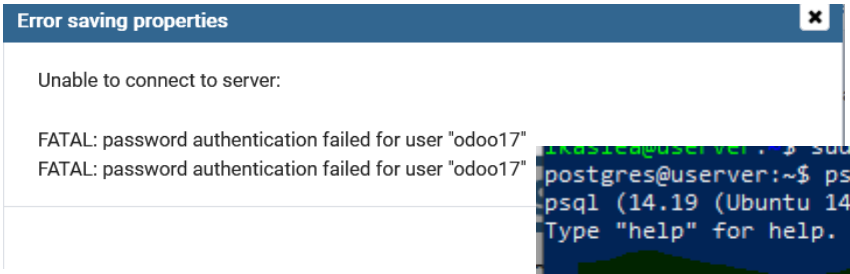
host all all 0.0.0.0/0 md5
host all all ::/0 md5

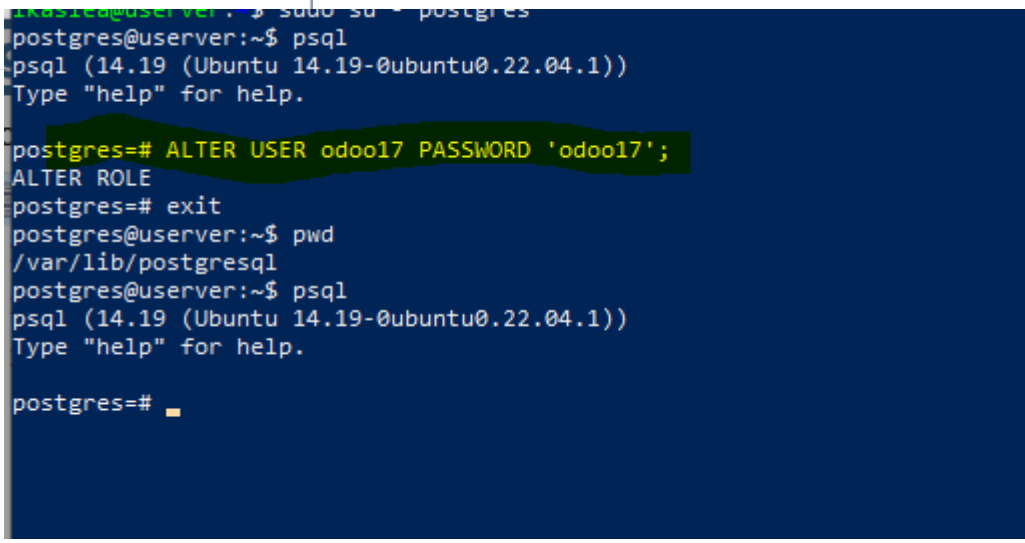


Zerbitzua berrabiarazi:



Baimen arazoak konpondu:





Eta azkenik badaukagu: