

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:

```
GNU nano 6.2 /etc/netplan/00-installer-config.yaml
# This is the network config written by 'subiquity'
network:
  ethernets:
    ens3:
      addresses:
        - 192.168.0.23/24
    ens4:
      dhcp4: true
  version: 2
```

`sudo netplan apply`

2. Zerbitzaria eguneratu:

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

3. SSH bidez konektatu:

```
PS C:\Users\zornotza> ssh ikaslea@192.168.0.23
ikaslea@192.168.0.23's password:
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 5.15.0-60-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of jue 25 sep 2025 06:43:47 UTC

System load:  0.9501953125   Processes:            194
Usage of /:   47.1% of 13.67GB Users logged in:        1
Memory usage: 13%           IPv4 address for ens3: 192.168.0.23
Swap usage:   0%            IPv4 address for ens4: 192.168.123.175

 * Introducing Expanded Security Maintenance for Applications.
   Receive updates to over 25,000 software packages with your
   Ubuntu Pro subscription. Free for personal use.

   https://ubuntu.com/pro

El mantenimiento de seguridad expandido para Applications está desactivado

Se pueden aplicar 0 actualizaciones de forma inmediata.

Active ESM Apps para recibir futuras actualizaciones de seguridad adicionales.
Vea https://ubuntu.com/esm o ejecute «sudo pro status»

The list of available updates is more than a week old.
To check for new updates run: sudo apt update
Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Internet connection or proxy settings

*** System restart required ***
Last login: Thu Sep 25 06:35:21 2025
ikaslea@userver: $
```

4. Python eta beharrezko libreriak instalatu:

```
sudo apt install python3-pip python3-dev python3-venv libxml2-dev libxslt1-dev  
zlib1g-dev libssl2-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
template1 | postgres | UTF8     | es_ES.UTF-8 | es_ES.UTF-8 | =c/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:~$
```

Ordoren, Pythonen ingurune birtuala aktibatu eta Odooren beharrianak (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/corecontext.pyx:1325:0: Exception check on '_syserr_cb' will always 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_version < '3.12' # (Noble)
gevent==24.2.1 ; sys_platform != 'win32' and python_version >= '3.12' and python_version < '3.13' # (Noel)
```

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 versions 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' # (Noble)
gevent==24.2.1 ; sys_platform != 'win32' and python_version >= '3.12' and python_version < '3.13' # (Noel)
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' # (Noble)
```

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

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

```
Created wheel for docopt: filename=docopt-0.6.2-py3-none-any.whl size=13783 sha256=2c090d613470a2
9debd84ab936eb5b47c98b4caa197159a24ad8b1c9b486ee9
Stored in directory: /opt/odoo17/.cache/pip/wheels/fc/ab/d4/5da2067ac95b36618c629a5f93f809425700506f72
c9732fac
Successfully built ebaysdk ofxparse pycopg2 PyPDF2 python-ldap qrcode rjsmin vobject docopt
Installing collected packages: xlwt, rjsmin, pytz, python-stdnum, pyserial, PyPDF2, polib, passlib, docopt,
pt, zope.interface, zope.event, XlsxWriter, xlrd, Werkzeug, urllib3, typing-extensions, soupsieve, six,
qrcode, pyusb, pyparsing, pycparser, pyasn1, pycopg2, psutil, platformdirs, Pillow, num2words, maxminddb,
MarkupSafe, lxml, isodate, idna, greenlet, docutils, decorator, chardet, certifi, cached-property, Babel,
attrs, requests, reportlab, python-dateutil, pydot, pyasn1_modules, libsass, Jinja2, gevent, cffi,
beautifulsoup4, vobject, requests-toolbelt, requests-file, python-ldap, ofxparse, geoip2, freezegun, ebaysdk,
cryptography, zeep, pyopenssl
Successfully installed Babel-2.9.1 Jinja2-3.0.3 MarkupSafe-2.0.1 Pillow-9.0.1 PyPDF2-1.26.0 Werkzeug-2.0.2
XlsxWriter-3.0.2 attrs-25.3.0 beautifulsoup4-4.13.5 cached-property-2.0.1 certifi-2025.8.3 cffi-2.0.0
chardet-4.0.0 cryptography-3.4.8 decorator-4.4.2 docopt-0.6.2 docutils-0.17 ebaysdk-2.1.5 freezegun-1.1.0
geoip2-2.9.0 gevent-22.8.0 greenlet-1.1.3 idna-2.10 isodate-0.7.2 libsass-0.20.1 lxml-4.8.0 maxminddb-2.8.2
num2words-0.5.10 ofxparse-0.21 passlib-1.7.4 platformdirs-4.4.0 polib-1.1.1 psutil-5.9.0 pycopg2-2.9.2
pyasn1-0.6.1 pyasn1_modules-0.4.2 pycparser-2.23 pydot-1.4.2 pyopenssl-21.0.0 pyparsing-3.2.5 pyserial-3.5
python-dateutil-2.8.1 python-ldap-3.4.0 python-stdnum-1.17 pytz-2025.2 pyusb-1.2.1 qrcode-7.3.1 reportlab-3.6.8
requests-2.25.1 requests-file-2.1.0 requests-toolbelt-1.0.0 rjsmin-1.1.0 six-1.17.0 soupsieve-2.8 typing-extensions-4.15.0
urllib3-1.26.5 vobject-0.9.6.1 xlrd-1.2.0 xlwt-1.3.0 zeep-4.1.0 zope.event-6.0 zope.interface-8.0.1
(odoo17-venv) odoo17@userver: $
```

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

Behin eginda, ingurune birtuala desgaitu.

Deactivate

```
(odoo17-venv) odoo17@userver: $ (odoo17-venv) odoo17@userver:~$ deactivate
odoo17@userver:~$
```

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
```

```
odoo17@userver:~$ mkdir /opt/odoo17/odoo17-custom-addons
odoo17@userver:~$ ls -la /opt/odoo17/odoo17-custom-addons
total 8
drwxrwxr-x 2 odoo17 odoo17 4096 sep 25 08:08 .
drwxr-x--- 7 odoo17 odoo17 4096 sep 25 08:08 ..
odoo17@userver:~$ exit
logout
ikaslea@userver:~$ sudo mkdir -p /var/log/odoo17
[sudo] password for ikaslea:
ikaslea@userver:~$ sudo touch /var/log/odoo17/odoo17.log
ikaslea@userver:~$ sudo chown -R odoo17:odoo17 /var/log/odoo17
ikaslea@userver:~$
```

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/odoo17.conf

sep 25 08:31:03 userver systemd[1]: Started odoo17.
sep 25 08:31:03 userver odoo17[57374]: /opt/odoo17/odoo17/modules/module.py:11: UserWarning: pkg_resources
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>

Browser address bar: <http://192.168.0.23:8069/web/database/selector>

Form fields:

- Master Password:
- Database Name:
- Email:
- Password:
- Phone Number:
- Language:
- Country:
- Demo Data: ☒

Buttons: [Create database](#) [or restore a database](#)

Datu basea PGadmin-en atzitu:

The screenshot displays the pgAdmin 4 web interface in a browser window. The browser's address bar shows the URL `http://127.0.0.1:49999/browser/`. The pgAdmin interface includes a top navigation bar with links to Dashboard, Properties, SQL, Statistics, and Dep. A sidebar on the left shows the 'Servers' tree with a context menu open, highlighting 'Create' and 'Server...'. A notification banner at the top right indicates that the user is running version 4.24 of pgAdmin 4, while the current version is 9.8, with a link to more information.

In the background, a terminal window shows the following commands and output:

```
ikaslea@userver:~$ sudo su - postgres
[sudo] password for ikaslea:
postgres@userver:~$ psql
psql (14.19 (Ubuntu 14.19-0ubuntu0.22.04.1))
Type "help" for help.

postgres=# \l
          List of databases
  Name      | Owner   | Encoding | Collate | Ctype   | Access privileges
-----+-----+-----+-----+-----+-----
 odoo17_2526 | odoo17  | UTF8     | C       | es_ES.UTF-8 | 
 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 |          |          |          | 
(4 rows)

postgres=#
```

Overlaid on the terminal is the 'Create - Server' dialog box, which is currently on the 'Connection' tab. The fields are filled with the following information:

- Host name/address: 192.168.0.23
- Port: 5432
- Maintenance database: odoo17_2526
- Username: odoo17
- Password: (masked with dots)
- Save password?: ☐
- Role: (empty field)
- Service: (empty field)

At the bottom of the dialog, there are buttons for 'Cancel', 'Reset', and 'Save', along with information and help icons.

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:

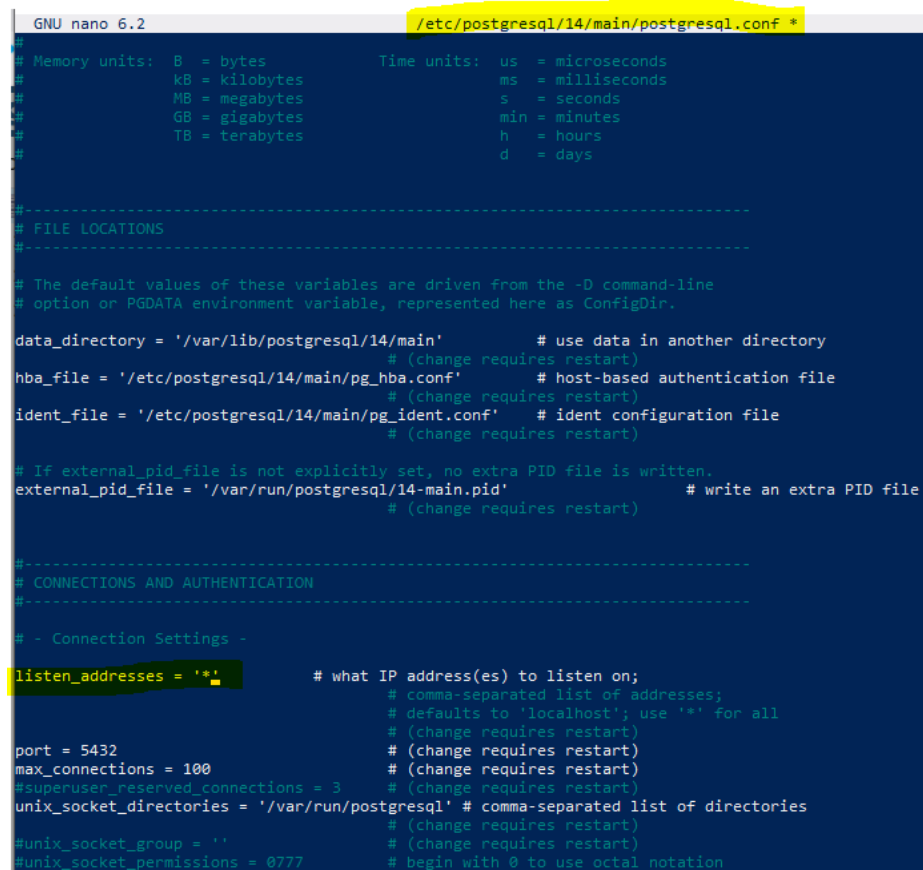
1. nano /etc/postgresql/14/main/postgresql.conf

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;
```

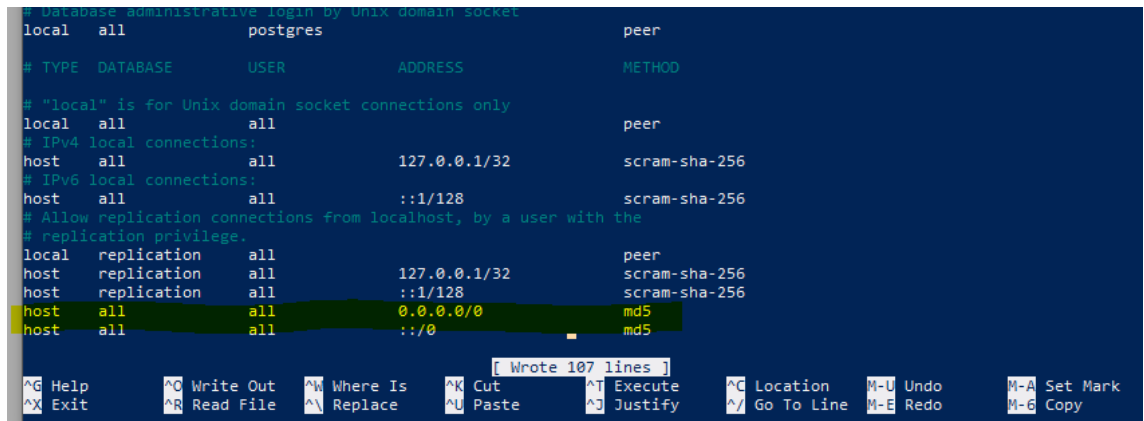


```
GNU nano 6.2 /etc/postgresql/14/main/postgresql.conf *
#
# Memory units:  B = bytes          Time units:  us = microseconds
#                kB = kilobytes      ms = milliseconds
#                MB = megabytes       s = seconds
#                GB = gigabytes       min = minutes
#                TB = terabytes       h = hours
#                                     d = days
#-----
# FILE LOCATIONS
#-----
# The default values of these variables are driven from the -D command-line
# option or PGDATA environment variable, represented here as ConfigDir.
data_directory = '/var/lib/postgresql/14/main'      # use data in another directory
# (change requires restart)
hba_file = '/etc/postgresql/14/main/pg_hba.conf'    # host-based authentication file
# (change requires restart)
ident_file = '/etc/postgresql/14/main/pg_ident.conf' # ident configuration file
# (change requires restart)
# If external_pid_file is not explicitly set, no extra PID file is written.
external_pid_file = '/var/run/postgresql/14-main.pid' # write an extra PID file
# (change requires restart)
#-----
# CONNECTIONS AND AUTHENTICATION
#-----
# - Connection Settings -
listen_addresses = '*'          # what IP address(es) to listen on;
# comma-separated list of addresses;
# defaults to 'localhost'; use '*' for all
# (change requires restart)
port = 5432                     # (change requires restart)
max_connections = 100           # (change requires restart)
#superuser_reserved_connections = 3 # (change requires restart)
unix_socket_directories = '/var/run/postgresql' # comma-separated list of directories
# (change requires restart)
#unix_socket_group = ''         # (change requires restart)
#unix_socket_permissions = 0777 # begin with 0 to use octal notation
```

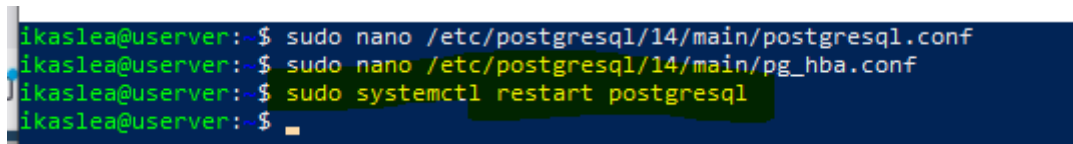
2. nano /etc/postgresql/14/main/pg_hba.conf

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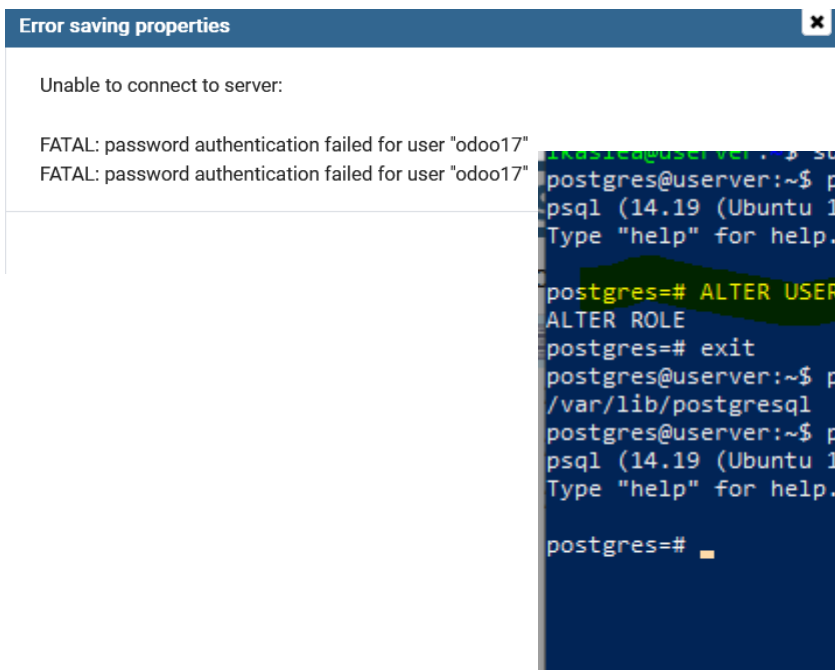
```
host all all 0.0.0.0/0 md5
host all all ::/0 md5
```



Zerbitzua berrabiarazi:



Baimen arazoak konpondu:



Eta azkenik badaukagu:

