Sesión 14/03/2022

Creación y configuración de usuario *sxe*

sudo groupadd sxe

sudo useradd -g sxe -G sudo -s /bin/bash -m -c “sxe usuario para ejecutar odoo” sxe

sudo passwd sxe

su sxe

Estructura de directorios de Odoo

/opt/odoo/odoo_13
/log
/config
/src
/external
/oca
/linked

cd /opt/

sudo mkdir odoo

sudo chown sxe:sxe odoo

cd odoo/

mkdir odoo_13

cd odoo_13/

mkdir log config src

cd src/

mkdir external oca linked

cd

Instalación de dependencias de Linux

sudo apt-get update

sudo apt-get upgrade

sudo apt-get install aptitude

sudo aptitude install postgresql postgresql-contrib libpq-dev python3-pip language-pack-es gdebi

Descargar la librería wkhtmltopdf e instalarla:

sudo gdebi wkhtmltox_0.12.6-1.focal_amd64.deb

Instalación del gestor de paquetes NPM

sudo aptitude install npm –y

Instalación de paquetes de Node

sudo npm install –g less less-plugin-clean-css

Instalación del gestor de paquetes PIP

sudo aptitude install python3-pip

python3 –m pip install - -user - -upgrade pip

python3 –m pip install - -user - -upgrade setuptools

Sesión 21/03/2022

Instalación de virtualenv

cd opt/odoo

python3 –m pip install - -user virtualenv

virtualenv -p python3 xxx (donde xxx representa el nombre que le pondremos al virtualenv)

. xxx/bin/activate (activamos el virtual)

Instalamos librerías de python en el virtualenv

python3 -m pip install --upgrade pip

python3 -m pip install --upgrade setuptools

python3 -m pip install babel cachetools chardet decorator docutils gevent html2text jinja2

python3 -m pip install libsass==0.12.3 lxml num2words numpy paramiko passlib phonenumbers

python3 -m pip install pillow polib psutil psycopg2 pycryptodome pyOpenSSL pyPdf2

python3 -m pip install python-dateutil PyYAML==3.12 reportlab suds-jurko

La instalación de suds-jurko da error. Para solucionarlo bajamos la versión de setuptools:

python3 -m pip install --upgrade setuptools==57.5.0

Relanzamos el comando que dio error y seguimos con la instalación.

python3 -m pip install suds-jurko unidecode vatnumber validate_email xmlsig xlrd XlsxWriter

python3 -m pip install xlwt werkzeug==0.11.15 zeep

deactivate (terminada la instalación de librerías de python en el virtualenv, lo desactivamos)

Descarga de repositorios de GitHub

cd odoo_13/

cd src/

cd oca/

sudo aptitude install git

git clone https://github.com/OCA/OCB.git -b 13.0

Sesión 04/04/2022

Continuamos con la descarga de los principales repositorios de OCA (Odoo Community Association)

git clone https://github.com/OCA/account-analytic.git -b 13.0

git clone https://github.com/OCA/account-financial-reporting.git -b 13.0

git clone https://github.com/OCA/account-financial-tools.git -b 13.0

git clone https://github.com/OCA/account-invoice-reporting.git -b 13.0

git clone https://github.com/OCA/account-invoicing.git -b 13.0

git clone https://github.com/OCA/bank-payment.git -b 13.0

git clone https://github.com/OCA/community-data-files.git -b 13.0

git clone https://github.com/OCA/l10n-spain.git -b 13.0

git clone https://github.com/OCA/mis-builder.git -b 13.0

git clone https://github.com/OCA/partner-contact.git -b 13.0

git clone https://github.com/OCA/project.git -b 13.0

git clone https://github.com/OCA/purchase-workflow.git -b 13.0

git clone https://github.com/OCA/queue.git -b 13.0

git clone https://github.com/OCA/reporting-engine.git -b 13.0

git clone https://github.com/OCA/server-ux.git -b 13.0

git clone https://github.com/OCA/stock-logistics-workflow.git -b 13.0

git clone https://github.com/OCA/web.git -b 13.0

Enlazr módulos al addons path

En un directorio en el que tengamos permisos, crearemos el script

cd /opt/odoo

touch link_addons.sh

chmod u+x link_addons.sh

nano link_addons.sh

Pegamos el siguiente script en el archivo:

```
#!/bin/bash

links_path="/opt/odoo/odoo_13/src/linked"
links_path="$(readlink -f ${links_path})"
src_path='/opt/odoo/odoo_13/src/oca'
mkdir -p ${links_path}
dir_skip1="__unported__"
dir_skip2="__unreviewed__"
dir_skip3="tests"
declare -i modules_total=0
declare -i modules_linked=0
declare -i modules_skipped=0

echo "---> START LINKING!"
echo "Odoo modules source path: ${src_path}"
echo "Odoo linked modules path: ${links_path}"
cd "${src_path}"
pwd

declare -a modules=$(find -type f -name "__manifest__.py" | sort -r)
for manifest in ${modules[@]}; do
        module_path="$(dirname $(readlink -f ${manifest}))"
        echo "PATH: ${module_path}"
        unported=`echo ${module_path} | grep -c "${dir_skip1}"`
        unreviewed=`echo ${module_path} | grep -c "${dir_skip2}"`
        tests=`echo ${module_path} | grep -c "${dir_skip3}"`
        modules_total+=1
        module_name="$(basename ${module_path})"
        if [[ "${unported}" != "0" || "${unreviewed}" != "0" || "${tests}" != "0" ]] ; then
                echo "---> Skipped: ${module_name}"
                modules_skipped+=1
                continue
        else
                echo "OK > LINKING: ${module_name}"
                ln -s "${module_path}" "${links_path}"
                modules_linked+=1
        fi
        echo "L/S (T): ${modules_linked}/${modules_skipped} (${modules_total})"
done

echo "---"
echo "Odoo modules source path: ${src_path}"
echo "Odoo linked modules path: ${links_path}"
echo "---"
echo "Linked modules : ${modules_linked}"
echo "Skipped modules : ${modules_skipped}"
echo "Total modules : ${modules_total}"
echo "---"
echo "---> ENDED LINKING!"
```

Guardamos el archivo y lo ejecutamos con:

./link_addons.sh

Para corregir el enlace simbólico *point_of_sale* que el script no realiza correctamente:

cd /odoo_13/src/linked

rm point_of_sale

ln -s /opt/odoo/odoo_13/src/oca/OCB/addons/point_of_sale .

Sesión 25/04/2022

Instalación y configuración de PostgreSQL

sudo su postgres

psql

ALTER ROLE postgres WITH PASSWORD '***xxx***';

CREATE ROLE odoo WITH LOGIN CREATEDB REPLICATION PASSWORD '***xxx***';

\c template1

CREATE EXTENSION "unaccent";

\q

exit

sudo nano /etc/postgresql/12/main/pg_hba.conf

(cambiar peer por md5 en los dos primeros)

sudo systemctl restart postgresql

Crear un archivo .pgpass en el *home* del usuario Linux postgres:

sudo su postgres

cd ~

touch .pgpass

chmod 0600 .pgpass

nano .pgpass

(introducir las credenciales de los usuarios postgreSQL correspondientes:)
localhost:5432:*:postgres:xxx

localhost:5432:*:odoo:xxx

exit

Archivo de configuración de Odoo

cd /opt/odoo/odoo_13/config

touch .odoo.conf

nano .odoo.conf

Añadir el siguiente contenido (sustituir xxx por la contraseña correspondiente)

[options]
addons_path = /opt/odoo/odoo_**13**/src/linked
admin_passwd = **xxx**
csv_internal_sep = ,
data_dir = /opt/odoo/ .local/share/odoo
db_host = False
db_maxconn = 64
db_name = False
db_password = **xxx**
db_port = False
db_template = template1
db_user = odoo
dbfilter = ^(database_1 | database_2)$
email_from = False
geoip_database = /usr/share/GeoIP/GeoIP.dat
import_partial =
limit_memory_hard = 1684354560
limit_memory_soft = 1247483648
limit_request = 8192
limit_time_cpu = 600
limit_time_real = 1200
list_db = True
log_db = False
log_handler = [':INFO']
log_level = info
logfile = /opt/odoo/odoo_**13**/log/odoo_**13**.log
logrotate = True
longpolling_port = 8072
max_cron_threads = 2
osv_memory_age_limit = 1.0

osv_memory_count_limit = False
pg_path = None
pidfile = None
proxy_mode = False
reportgz = False
secure_cert_file = server.cert
secure_pkey_file = server.pkey
server_wide_modules = None
smtp_password = False
smtp_port = 25
amtp_server = localhost
smtp_ssl = False
smtp_user = False
syslog = False
test_enable = False
test_file = False
timezone = False
translate_modules = [‘all’]
unaccent = True
without_demo = False
workers = 0
xmlrpc = True
xmlrpc_interface =
xmlrpc_port = 8069
xmlrpcs = True
xmlrpcs_interface =
xmlrpcs_port = 8070

Prueba de ejecución:

/opt/odoo/env/bin/python3 /opt/odoo/odoo_13/src/oca/OCB/odoo-bin -c /opt/odoo/odoo_13/config/.odoo.conf