SERVIDOR DE CALENDARIOS DAViCal

Maquina virtual ubuntu 20

apt install apache2
apt install postgresql
apt install php libapache2-mod-php
apt install php-pgsql
apt install libapache2-mod-auth-pgsql
apt install libyaml-perl
apt install libdbd-pg-perl
apt install libdbi-perl
apt install php-pgsql
apt install php-imap
apt install php-curl
apt install php-cgi
apt install php-xml
apt install libpq-dev

reboot

git clone https://gitlab.com/davical-project/davical.git
git clone https://gitlab.com/davical-project/awl.git
rm -rf ./davical/.git/
rm -rf ./awl/.git/
mv davical/ /usr/share/
mv awl/ /usr/share/
chown -R root:www-data /usr/share/davical
cd /usr/share/davical/
find ./ -type d -exec chmod u=rwx,g=rx,o=rx '{}' \;
find ./ -type f -exec chmod u=rw,g=r,o=r '{}' \;
chown -R root:www-data /usr/share/awl
cd /usr/share/awl/
find ./ -type d -exec chmod u=rwx,g=rx,o=rx '{}' \;
find ./ -type f -exec chmod u=rw,g=r,o=r '{}' \;
cd /etc/postgresql/12/main/
cp -via pg_hba.conf pg_hba.conf.orig
vi pg_hba.conf -> añadir linea davical_app y davical_dba

Database administrative login by Unix domain socket
local   all   postgres   peer

TYPE DATABASE   USER   ADDRESS   METHOD
#WKW davical
local   davical   davical_app   trust
local   davical   davical_dba   trust
"local" is for Unix domain socket connections only
local   all   all   peer
IPv4 local connections:
host   all   all   127.0.0.1/32   md5
IPv6 local connections:

service postgresql restart
cd /usr/share/davical/dba/
chmod +x create-database.sh
chmod 777 update-davical-database
su postgres -c /usr/share/davical/dba/create-database.sh

SI OCURRE ALGUN ERROR ELIMINAR BASE DE DATOS MEDIANTE: su postgres -c "dropdb davical"

cd /etc/apache2/sites-available
vi davical.conf

Virtual Host def for Debian packaged DAViCal
<VirtualHost IP_HOST >
  DocumentRoot /usr/share/davical/htdocs
  DirectoryIndex index.php index.html
  ServerName NOMBREDOMINIOSERVIDOR
  ServerAlias NOMBREDOMINIOSERVIDOR
  Alias /images/ /usr/share/davical/htdocs/images/
  <Directory /usr/share/davical/htdocs/>
    AllowOverride None
    Order allow,deny
    Allow from all
  </Directory>
  AcceptPathInfo On
  #
  # You probably don't need to enable any of these sorts of things other than in exceptional
  # circumstances. Apart from the include path (which DAViCal will discover if it is anywhere
  # 'normal') they are the default in newer PHP versions.
  #
  # php_value include_path /usr/share/awl/inc
  # php_value magic_quotes_gpc 0
  # php_value register_globals 0
  # php_value error_reporting "E_ALL & ~E_NOTICE"
  # php_value default_charset "utf-8"
</VirtualHost>
----

a2ensite
cd /etc/apache2/mods-enabled/
rm -v autoindex.*
cd /etc/apache2/sites-available
rm 000-default.conf
rm default-ssl.conf
cd /etc/apache2/sites-enabled
rm 000-default.conf
mkdir /etc/davical
cd /usr/share/davical/config/
cp example-config.php /etc/davical/
cd /etc/davical/

mv example-config.php config.php
vi config.php

DENTRO DE ESTE FICHERO PONER:

```
-------------------------------------------------------------------------------------------------
$c->pg_connect[] = "dbname=davical port=5432 user=davical_app";
$c->system_name = "DAViCal CalDAV Server";
$c->admin_email ='calendar-admin@mdnova.local'; -> CORREO DE USUARIO
ADMINISTRADOR
$c->default_locale = "es_ES";
$c->domain_name = 'NOMBREDOMINIOSERVIDOR';


-------------------------------------------------------------------------------------------------
```

su postgres
psql davical -c 'select username, password from usr;' -> NOS DEVOLVERA LA CLAVE DE
USUARIO admin precedido por **, que sera para logarnos en el portal

EN NAVEGADOR:

http://172.25.129.237

Usuario admin/ clave la obtenida por la select anterior sin los dos **

CREAR NUEVO USUARIO PARA LOS CALENDARIOS (User Functions → Create Principal)

CREAR CALENDARIO DESDE THUNDERBIRD

https://www.davical.org/clients.php?client=Thunderbird

MDCAL.CONF de asterisk

[config]
timeout_connect = 2
timeout_read = 2

[NOMBRE_CALENDARIO]
type=CalDav
url=http://172.25.129.237/caldav.php/USUARIO_CREADO_DESDE_NAVEGADOR/calendar/
user=USUARIO_CREADO_DESDE_NAVEGADOR
secret=CLAVE_USUARIO

EN MI CASO:

[config]
timeout_connect = 2
timeout_read = 2

[ivan]
type=CalDav
url=http://172.25.129.237/caldav.php/ivan/calendar/
user=ivan
secret=1111

asterisk -rx 'mdcal reload'

Para comprobar funcionamiento me he creado un evento desde el thunderbird para el calendario creado:
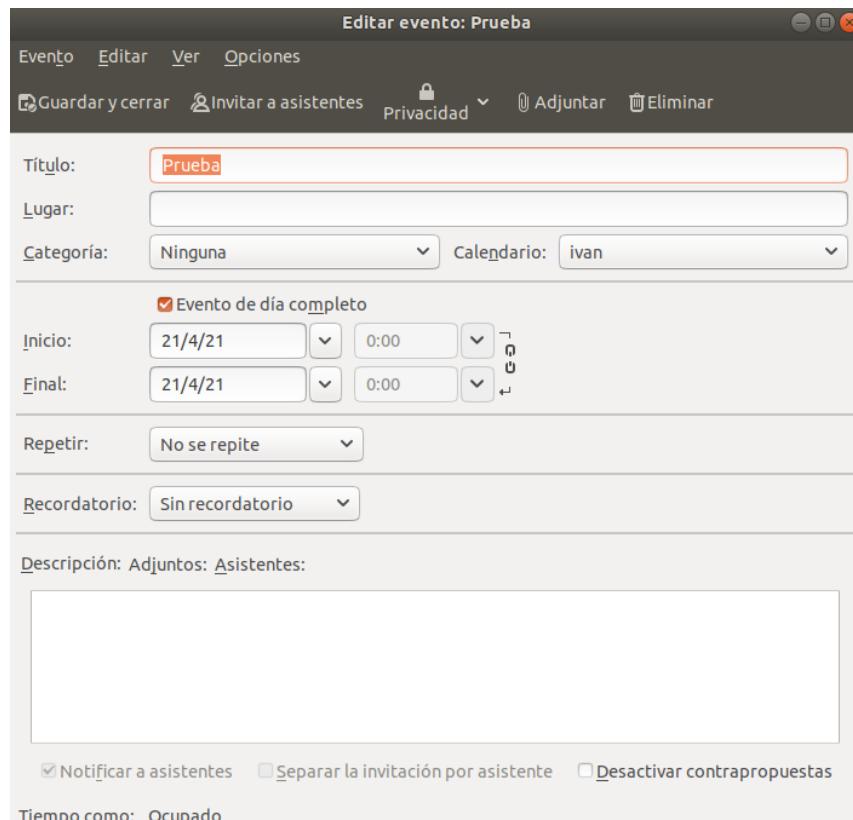
Desde asterisk comprobamos que lee el evento:

```
vm-acd*CLI> mdcal test ivan
Evento:
  start=1618963200 (20210421 000000)
  end=1619049600 (20210422 000000)
  busy=1
  priority=0
  uid=ce733c8d-9294-4329-8f1f-8f7c0aa39143
  location=
  summary='Prueba'
Test OK. 1 eventos, 1 ocupados
```