Docker Freeradius (+daloradius)

docker, imagen

freeradius

- SQL:

```
docker run --rm freeradius/freeradius-server cat /etc/raddb/mods-config/sql/main/mysql/schema.sql > ./01-freeradius.sql
```

- docker-compose.yml

```
services:
  freeradius:
    image: freeradius/freeradius-server:latest
    container_name: radius_server
    volumes:
      - ./config/clients.conf:/etc/raddb/clients.conf
      - ./config/users:/etc/raddb/users
      - ./config/sql:/etc/raddb/mods-enabled/sql
    ports:
      - "1812:1812/udp" # Puerto de Autenticación
      - "1813:1813/udp" # Puerto de Accounting (opcional)
    command: freeradius -X
    tty: true
    stdin_open: true
    restart: always
```

- clients.conf

```
client network_devices {
    ipaddr      = 0.0.0.0/0
    secret      = testing123  # Esta es la "Shared Secret" que pondrás en tu Router/AP
}
```

- sql

```
sql {
    driver = "rlm_sql_mysql"
    server = "192.168.30.51"
    port = "3306"
    login = "radius"
    password = "***"
    radius_db = "radius"

#    sqllog = yes
#    trace = yes
```

```
    pool {
        # Reduce el mínimo de conexiones permanentes a 0 o 1
        min = 0

        # Número máximo de conexiones
        max = 5

        # Conexiones de reserva
        spare = 1

        # Segundos antes de cerrar una conexión inactiva
        idle_timeout = 60
    }

    sqllog {
        logfile = "/var/log/sql.log"
    }

    authcheck_table = "radcheck"
    authreply_table = "radreply"
    usergroup_table = "radusergroup"
    groupcheck_table = "radgroupcheck"
    groupreply_table = "radgroupreply"
    group_attribute = "SQL-Group"
    client_table = "nas"

    # Tablas de Accounting / Registros de conexión
    acct_table1 = "radacct"
    acct_table2 = "radacct"
    postauth_table = "radpostauth"

    $INCLUDE ${modconfdir}/${.:name}/main/mysql/queries.conf
}
```

- users

```
"usuario_prueba" Cleartext-Password := "password_seguro"
"usuario_prueba2" Crypt-Password :=
"$5$e220a3496a9d02965d2d0d72eb37903cddc13f6fcc49c1feeffa9f82f6f45611" #
fail
"usuario_prueba3" SHA2-Password :=
"9ab5646239e126f8719956c13b53660b2fc00a087f4835eda9b1b47bf33927c5"
```

  - atributos:
    - Cleartext-Password
    - Crypt-Password (fail)
    - SHA2-Password
    - MD5-Password # no probado, no recomendado, MD5
    - SHA-Password # no probado, SHA1

generación contraseñas

- hash-256:

```
echo -n "tu_contraseña" | openssl dgst -sha256
```

- hash-256:

```
SELECT SHA2('tu_contraseña', 256);
```

- fail (en freeradius):

```
sudo apt install whois
mkpasswd -m sha-512 mi_clave_123
```

daloradius

- https://github.com/lirantal/daloradius/tree/master

From:
https://matebcn.eu/ - **miguel angel torres egea**

Permanent link:
https://matebcn.eu/tech:docker:freeradius

Last update: **02/09/2026 14:57**