PostgreSQL

Password fix

```
SELECT
    rolname, rolpassword ~ '^SCRAM-SHA-256\$' AS has_upgraded
FROM pg_authid
WHERE rolcanlogin;
```

```
\password postgres
```

DEV refresh

Backup fuelwatcher on PROD

```
docker exec -it FW_PostgreSQL /bin/bash
cd /var/lib/postgresql/data/backups/
pg_dump -d fuelwatcher > fuelwatcher_all_`date +%Y-%m-%dT%H-%M-%S`.backup
```

Login to root:

```
sudo su -
rsync -av /var/lib/docker/volumes/fw_stack_postgres-data/_data/backups/
/media/usb/backup/postgresql/backups/
```

Copy backup to STONARD with MobaXterm

Copy backup to Container with beyond Compare (backups ←→ RPi-WiFi backups)

Restore on DEV

Login:

```
docker exec -it dev-container_devcontainer_db_1 /bin/bash
su - postgres
```

DROP and CREATE DATABASE

```
psql

DROP DATABASE fuelwatcher;

CREATE DATABASE fuelwatcher
    WITH
```

```
    OWNER = postgres
    ENCODING = 'UTF8'
    LC_COLLATE = 'en_US.utf8'
    LC_CTYPE = 'en_US.utf8'
    TABLESPACE = pg_default
    CONNECTION LIMIT = -1;
```

Backup DEV then Restore PROD to DEV:

```
cd /var/lib/postgresql/data/backups/
pg_dump -d fuelwatcher > fuelwatcher_all_`date +%Y-%m-%dT%H-%M-%S`.backup
psql -d fuelwatcher < fuelwatcher_all_2021-08-01T05-23-25.backup
```

TMP

```
pg_dumpall > dev-container_devcontainer_db_1_all_`date +%Y-%m-%dT%H-%M-%S`.backup
cd /workspace/fuelwatcher/data/STONARD\ backups/
cd /workspace/fuelwatcher/data/RPi-WiFi\ backups/
```

References

How to Upgrade Your PostgreSQL Passwords to SCRAM -
https://blog.crunchydata.com/blog/how-to-upgrade-postgresql-passwords-to-scram

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