

TeslaMate



A powerful, self-hosted data logger for your Tesla.

Website: <https://github.com/teslamate-org/teslamate>

docker-compose.yml

```
services:
  teslamate:
    container_name: teslamate
    image: teslamate/teslamate:latest
    restart: always
    environment:
      - ENCRYPTION_KEY=myencryptionkey #replace with a secure key to encrypt your Tesla API
tokens
      - DATABASE_USER=teslamate
      - DATABASE_PASS=mydbpassword #insert your secure database password!
      - DATABASE_NAME=teslamate
      - DATABASE_HOST=database
      - MQTT_HOST=mosquitto
    ports:
      - 4000:4000
    volumes:
      - ./import:/opt/app/import
    cap_drop:
      - all
```

database:

```
container_name: teslamate-pg
image: postgres:16
restart: always
environment:
  - POSTGRES_USER=teslamate
  - POSTGRES_PASSWORD=mydbpassword #insert your secure database password!
  - POSTGRES_DB=teslamate
volumes:
  - teslamate-db:/var/lib/postgresql/data
```

grafana:

```
container_name: teslamate-grafana
image: teslamate/grafana:latest
restart: always
environment:
  - DATABASE_USER=teslamate
  - DATABASE_PASS=mydbpassword #insert your secure database password!
  - DATABASE_NAME=teslamate
  - DATABASE_HOST=database
ports:
  - 3000:3000
volumes:
  - teslamate-grafana-data:/var/lib/grafana
```

mosquitto:

```
container_name: teslamate-mosquitto
image: eclipse-mosquitto:2
restart: always
command: mosquitto -c /mosquitto-no-auth.conf
# ports:
#   - 1883:1883
volumes:
  - mosquitto-conf:/mosquitto/config
  - mosquitto-data:/mosquitto/data
```

volumes:

```
teslamate-db:
  driver: local
```

```
driver_opts:
  type: none
  device: /path/to/tesla/data
  o: bind
teslamate-grafana-data:
  driver: local
  driver_opts:
    type: none
    device: /path/to/tesla/grafana-data
    o: bind
mosquitto-conf:
  driver: local
  driver_opts:
    type: none
    device: /path/to/tesla/mosquitto/conf
    o: bind
mosquitto-data:
  driver: local
  driver_opts:
    type: none
    device: /path/to/tesla/mosquitto/data
    o: bind
```

notes:

- Replace encryption key, database password and paths to volumes by your own values

Revision #2

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