OpenDroneMap

1. Docker and Docker Compose

Create a docker network:

```
docker network create nginx-network
```

docker-compose.yml

```
version: "3"

services:
  app:
    image: 'jc21/nginx-proxy-manager:latest'
    container_name: nginx-proxy-manager
    restart: always
    ports:
      # These ports are in format <host-port>:<container-port>
      - '80:80' # Public HTTP Port
      - '443:443' # Public HTTPS Port
      - '81:81' # Admin Web Port
      # Add any other Stream port you want to expose
      # - '21:21' # FTP

    # Uncomment the next line if you uncomment anything in the section
    # environment:
      # Uncomment this if you want to change the location of
      # the SQLite DB file within the container
      # DB_SQLITE_FILE: "/data/database.sqlite"

      # Uncomment this if IPv6 is not enabled on your host
      # DISABLE_IPV6: 'true'

    volumes:
      # Make sure this config.json file exists as per instructions
above:
      - ./config.json:/app/config/production.json
      - data:/data
      - letsencrypt:/etc/letsencrypt
    networks:
      - nginx-proxy
    depends_on:
      - db-nginx
  db-nginx:
    image: 'jc21/mariadb-aria:latest'
    container_name: nginx-proxy-manager-db
    restart: always
    environment:
      MYSQL_ROOT_PASSWORD: 'npm'
      MYSQL_DATABASE: 'npm'
```

```
      MYSQL_USER: 'npm'
      MYSQL_PASSWORD: 'npm'
    volumes:
      - mysql:/var/lib/mysql
    networks:
      - nginx-proxy
volumes:
  mysql:
  data:
  letsencrypt:

# Connect to existing nginx-network: `docker network create nginx-
network`
networks:
  nginx-proxy:
    external: true
    name: nginx-network
```

```
docker compose up -d
```

Just in case:

config.json

```
{
  "database": {
    "engine": "mysql",
    "host": "nginx-proxy-manager-db",
    "name": "npm",
    "user": "npm",
    "password": "npm",
    "port": 3306
 }
```

1. NGINX Manager
2. OpenDroneMap

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