

Web

- Apache2
- PHPMyAdmin
- Organizr

Apache2

Docker-Compose

```
webserver:
  build:
    context: ./bin/webserver
  container_name: 'apache2'
  restart: 'always'
  volumes:
    - /Docker/Webhost/apache2/www:/var/www/html
    - /Docker/Webhost/apache2/config/php/php.ini:/usr/local/etc/php/php.ini
    - /Docker/Webhost/apache2/config/vhosts:/etc/apache2/sites-enabled
    - /Docker/Webhost/apache2/logs:/var/log/apache2
  ports:
    - 8888:80
  networks:
    web:
      ipv4_address: 172.18.0.11
  labels:
    - "traefik.enable=true"
    - "traefik.http.routers.apache-web.rule=Host(`kevinsloan.net`)"
    - "traefik.http.routers.apache-web.entrypoints=web"
    - "traefik.http.routers.apache-web.middlewares=redirect@file"
    - "traefik.http.routers.apache-secured.rule=Host(`kevinsloan.net`)"
    - "traefik.http.routers.apache-secured.entrypoints=web-secured"
    - "traefik.http.routers.apache-secured.tls.certresolver=mytlschallenge"
```

DockerFile

```
FROM php:7.1.20-apache

RUN apt-get -y update --fix-missing
RUN apt-get upgrade -y

# Install useful tools
RUN apt-get -y install apt-utils nano wget dialog
```

Install important libraries

RUN apt-get -y install --fix-missing apt-utils build-essential git curl libcurl3 libcurl3-dev zip

Composer

RUN curl -sS https://getcomposer.org/installer | php -- --install-dir=/usr/local/bin --filename=composer

Install xdebug

RUN pecl install xdebug-2.5.0

RUN docker-php-ext-enable xdebug

Other PHP7 Extensions

RUN apt-get -y install libmcrypt-dev

RUN docker-php-ext-install mcrypt

RUN apt-get -y install libsqlite3-dev libsqlite3-0 mysql-client

RUN docker-php-ext-install pdo_mysql

RUN docker-php-ext-install pdo_sqlite

RUN docker-php-ext-install mysqli

RUN docker-php-ext-install curl

RUN docker-php-ext-install tokenizer

RUN docker-php-ext-install json

RUN apt-get -y install zlib1g-dev

RUN docker-php-ext-install zip

RUN apt-get -y install libicu-dev

RUN docker-php-ext-install -j\$(nproc) intl

RUN docker-php-ext-install mbstring

RUN apt-get install -y libfreetype6-dev libjpeg62-turbo-dev libpng-dev

RUN docker-php-ext-configure gd --with-freetype-dir=/usr/include/ --with-jpeg-dir=/usr/include/

RUN docker-php-ext-install -j\$(nproc) gd

Enable apache modules

RUN a2enmod rewrite headers

PHPMyAdmin

phpmyadmin:

image: phpmyadmin/phpmyadmin

container_name: 'phpmyadmin'

environment:

PMA_HOST: mysql

PMA_PORT: 3306

volumes:

- /sessions

networks:

web:

ipv4_address: 172.18.0.14

labels:

- "traefik.enable=true"
- "traefik.http.routers.phpmyadmin-web.rule=Host(`sql.kevinsloan.net`)"
- "traefik.http.routers.phpmyadmin-web.entrypoints=web"
- "traefik.http.routers.phpmyadmin-web.middlewares=redirect@file"
- "traefik.http.routers.phpmyadmin-secured.rule=Host(`sql.kevinsloan.net`)"
- "traefik.http.routers.phpmyadmin-secured.entrypoints=web-secured"
- "traefik.http.routers.phpmyadmin-secured.tls.certresolver=mytlschallenge"

restart: unless-stopped

Organizr

organizr:

image: organizrtools/organizr-v2

container_name: organizr

environment:

- PUID=1000
- PGID=1000
- TZ=America/New_York

volumes:

- /Docker/organizr:/config

networks:

web:

ipv4_address: 172.18.0.16

labels:

- "traefik.enable=true"
- "traefik.http.routers.organizr-web.rule=Host(`home.kevinsloan.net`)"
- "traefik.http.routers.organizr-web.entrypoints=web"
- "traefik.http.routers.organizr-web.middlewares=redirect@file"
- "traefik.http.routers.organizr-secured.rule=Host(`home.kevinsloan.net`)"
- "traefik.http.routers.organizr-secured.entrypoints=web-secured"
- "traefik.http.routers.organizr-secured.tls.certresolver=mytlchallenge"

restart: unless-stopped