

Web

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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=mytlschallenge"
  restart: unless-stopped
```