

<https://www.petapico.biz/%E3%83%A9%E3%82%B8%E9%A4%A8petapicoshop/zoneminder-%E3%81%BE%E3%81%A7%E3%81%AE%E4%B8%8B%E6%BA%96%E5%82%99%E3%81%A8%E3%82%A4%E3%83%B3%E3%82%B9%E3%83%88%E3%83%BC%E3%83%AB/>

<https://www.petapico.biz/%E3%83%A9%E3%82%B8%E9%A4%A8petapicoshop/zoneminder-%E3%81%A7%E3%81%A7%E3%81%8D%E3%82%8B%E7%9B%A3%E8%A6%96%E3%82%AB%E3%83%A1%E3%83%A9%E3%82%B7%E3%82%B9%E3%83%86%E3%83%A0%E3%81%A8%E3%81%AF/>

<http://debianj.com/ubuntu/webcam/zoneminder>

<http://www.zoneminder.com/>

<http://d.hatena.ne.jp/seinzumtode/20141129/1417252211>

Docker で動かす

Docker 準備

Docker_web.conf

```
From centos

RUN echo "RUN は build 時に実行 "
# RUN apt update
# RUN a2enmod rewrite
# RUN docker-php-ext-install pdo_mysql
RUN yum -y install epel-release
    RUN rpm -Uvh http://li.nux.ro/download/nux/dextop/el7/x86_64/nux-dextop-release-0-5.el7
.nux.noarch.rpm
RUN yum -y install wget
RUN wget http://zmrepo.connortechonology.com/el7/x86_64/zoneminder-1.30.4-1.el7.centos.x86_64.rpm
RUN yum -y install zoneminder-1.30.4-1.el7.centos.x86_64.rpm
RUN yum -y install mariadb
RUN yum -y install mod_ssl
RUN yum -y install patch

RUN cp /usr/lib/systemd/system/zoneminder.service /etc/systemd/system/
COPY zoneminder.service.patch /tmp/
RUN patch /etc/systemd/system/zoneminder.service -p1 < /tmp/zoneminder.service.patch

COPY zm.conf.patch /tmp/
RUN patch /etc/zm/zm.conf -p1 < /tmp/zm.conf.patch

COPY zoneminder.conf.patch /tmp
RUN patch /etc/httpd/conf.d/zoneminder.conf -p1 < /tmp/zoneminder.conf.patch

COPY php.ini.patch /tmp
RUN patch /etc/php.ini -p1 < /tmp/php.ini.patch

RUN systemctl enable httpd
RUN systemctl enable zoneminder
# docker-compose run --rm web /bin/bash -c "mysql -uroot -p -h mysql <
/usr/share/zoneminder/db/zm_create.sql"
# docker-compose run --rm web mysql -uroot -p -h mysql -e "grant all on zm.* to 'zmuser'@localhost
identified by 'zmpass';"
# docker-compose run --rm web mysqladmin -uroot -p -h mysql reload

# CMD /sbin/init
```

docker-compose.yml

```
version: '2'
services:
  web:
    build:
      context: .
      dockerfile: ./docker_web.conf
    tty: true
    command: /sbin/init
```

```

# user: "1000:1000"
# volumes:
# - ./src:/var/www/html
privileged: true

ports:
- 80:80
depends_on:
- mysql
mysql:
image: mysql:5.6
environment:
- MYSQL_USER=zmuser
- MYSQL_PASSWORD=zmpass
- MYSQL_DATABASE=zm
- MYSQL_ROOT_PASSWORD=mysqlpsswd
- MYSQL_ROOT_HOST=%
ports:
- 3306:3306
volumes:
- ./data/mysql:/var/lib/mysql
# - $PWD/conf/mysql:/etc/mysql:ro
phpmyadmin:
image: phpmyadmin/phpmyadmin
environment:
- PMA_ARBITRARY=1
- PMA_HOST=mysql
- PMA_USER=root
- PMA_PASSWORD=mysqlpsswd
depends_on:
- mysql
ports:
- 81:80

```

php.ini.patch

```

878c878
< ;date.timezone =
---
> date.timezone = "Asia/Tokyo"

```

zm.conf.patch

```

39c39
< ZM_DB_HOST=localhost
---
> ZM_DB_HOST=mysql

```

zoneminder.conf.patch

```

9,10c9,10
< RewriteCond %{HTTPS} !=on
< RewriteRule ^/(zm)(.*) https://%{SERVER_NAME}/$1$2 [R,L]
---
> #RewriteCond %{HTTPS} !=on
> #RewriteRule ^/(zm)(.*) https://%{SERVER_NAME}/$1$2 [R,L]
17c17
<     SSLRequireSSL
---
>     #SSLRequireSSL
33c33
<     SSLRequireSSL
---
>     #SSLRequireSSL

```

zoneminder.service.patch

```

6c6
< Requires=mariadb.service httpd.service
---

```

```
> Requires=httpd.service
```

ビルド

```
docker-compose build  
docker-compose up
```

DB 作成

```
docker-compose run --rm web /bin/bash -c "mysql -uroot -p -h mysql <  
/usr/share/zoneminder/db/zm_create.sql"  
docker-compose run --rm web mysql -uroot -p -h mysql -e "grant all on zm.* to 'zmuser'@localhost  
identified by 'zmpass';"  
docker-compose run --rm web mysqladmin -uroot -p -h mysql reload
```

パスワードは、docker-compose.yml で指定した通り。mysqlpasswd
もう一回実行

```
docker-compose up
```

アクセス

```
http://localhost/zm
```