

Controller

Docker

- Works correctly only with host type networking = no network separation

Install MongoDB < 4.0.0

<https://docs.mongodb.com/v3.6/tutorial/install-mongodb-on-debian/>

```
apt install gnupg2
wget -q0 - https://www.mongodb.org/static/pgp/server-3.6.asc | sudo apt-key
add -
echo "deb http://repo.mongodb.org/apt/debian stretch/mongodb-org/3.6 main" |
sudo tee /etc/apt/sources.list.d/mongodb-org-3.6.list
apt-get update
sudo apt install mongodb-org
sudo systemctl start mongod
```

Installing Unifi controller

Inside container:

```
sudo apt-get update && sudo apt-get install ca-certificates apt-transport-
https wget
echo 'deb https://www.ui.com/downloads/unifi/debian stable ubiquiti' | sudo
tee /etc/apt/sources.list.d/100-ubnt-unifi.list
sudo wget -O /etc/apt/trusted.gpg.d/unifi-repo.gpg
https://dl.ui.com/unifi/unifi-repo.gpg
sudo apt update
sudo apt install unifi
```

Access running controller on: <https://<IP>:8443/>

Unifi controller log location:

- /usr/lib/unifi/logs/server.log
- /usr/lib/unifi/logs/mongod.log

Configure mail agent

```
sudo apt-get install msmtplib
```

See how to configure: [MSMTPLIB](#)

adding own CA cert to controller

To send e-mails to own SMTP server with self-signed cert. It is enough to add cert to Debian certificate store and restart unifi controller.

To add certificate directly to JVM store:

Digital Certificate: How to import .cer file in to .truststore file using

```
sudo cp cacert.crt /usr/lib/jvm/java-8-openjdk-amd64/jre/lib/security
cd /usr/lib/jvm/java-8-openjdk-amd64/jre/lib/security
keytool -v -import -file cacert.crt -alias my_own_ca -keystore cacerts -
storepass changeit
```

```
/etc/init.d/unifi restart
```

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