

WNAM Radar (on-premises, ) .

WNAM Radar :

- HTTP - nginx -
- Java 1.8 , qos-server
- MongoDB 4.2
- MQTT, mosquitto

, , . .

:

```
wget -q0 - https://adoptopenjdk.jfrog.io/adoptopenjdk/api/gpg/key/public | apt-key add -
add-apt-repository --yes https://adoptopenjdk.jfrog.io/adoptopenjdk/deb/
apt install adoptopenjdk-8-hotspot
```

```
apt-get install nginx mosquitto mosquitto-clients
```

```
wget -q0 - https://www.mongodb.org/static/pgp/server-4.2.asc | apt-key add -
```

```
echo "deb http://repo.mongodb.org/apt/debian buster/mongodb-org/4.2 main" | tee /etc/apt/sources.list.d/mongodb-org-4.2.list
```

```
apt-get update
```

```
apt-get install -y mongodb-org
systemctl unmask mongod
systemctl enable mongod
systemctl start mongod
```

```
useradd -m -U -s /bin/false radar
```

```
mv qos-server.jar /home/radar
chmod +x /home/radar/qos-server.jar
chown radar:radar /home/radar/qos-server.jar
```

/etc/systemd/system/qos-server.service -:

```
[Unit]
Description=WNAM QoS Server Service

[Service]
WorkingDirectory=/home/radar
ExecStart=/usr/bin/java -jar -Dspring.config.location=/home/radar/application.properties /home/radar/qos-server.jar
SuccessExitStatus=143
Restart=on-failure
RestartSec=10
User=radar
Group=radar

[Install]
WantedBy=multi-user.target
```

-:

```
systemctl enable qos-server
```

/home/radar/application.properties :

```
spring.data.mongodb.host=localhost
spring.data.mongodb.port=27017
spring.data.mongodb.database=radar
spring.mvc.locale=ru_RU
spring.mvc.locale-resolver=fixed

qos.stomp.socks=false
qos.db.init=true
qos.radar.silent=false

ya.api.key=
ya.client.secret=
ya.client.id=
ya.auth.callback=https://ya/auth/callback

qos.notifications.enabled=true
```

```
spring.mail.host=smtp.gmail.com
spring.mail.port=587
spring.mail.username=USERNAME
spring.mail.password=PASSWORD
spring.mail.properties.mail.smtp.auth=true
spring.mail.properties.mail.smtp.starttls.enable=true
```

```
qos.sms.provider=dummy
qos.sms.smsc.login=login
qos.sms.smsc.password=password
```

```
qos.mqtt.server_uri=tcp://127.0.0.1:1883
qos.mqtt.client_id=wnamradarserver
qos.mqtt.venue=wnam
```

```
qos.mla.port=20003
```

```
qos.remote.token=ldsmgkalsgjklsdfgjsdklghj
```

:

```
systemctl start qos-server
systemctl status qos-server
```

- /home/radar/qos.log

- http://:8000/

: admin