

SETUP SERVER

Requires

- Nodejs 10.x
- NPM
- MongoDB

Setting Up (Debian 18 and Ubuntu xenian)

1. Copy all files into folder of our chosen.
2. Run npm install in that folder.
3. npm package ejs maybe refuse install itself so in folder of your chose run (sudo npm install ejs). To test if ejs is installed run part 10 now and it will throw error that ejs not found if its not installed.
4. Enable MongoDB service (sudo systemctl enable mongod).
5. Restart MongoDB (sudo services restart mongod).
6. Open mongoddb (mongo).
7. Create new database (use logsite).
8. Make config collection and allow login (db.config.insert({"allowRegister":true})).
9. Allow tcp port 3000 (if its not allowed) in firewall.
10. Run app in upper folder (node app.js).

Firewall (With Webmin)

1. Access webmin 10.1.1.35:10000
2. Navigate **Networking -> Linux Firewall**.
3. Find chain where you can see rules for ports (80, 443)/22/1000 etc...
4. Click **Add Rule**.
5. Change **Action to take** to **ACCEPT**.
6. Set **Source address or network** to **Equals** and in textarea type **10.1.1.0/24**.
7. Set **Network protocol** to **Equals** and **TCP**.
8. Set **Destination TCP or UDP port** to **Equals, Port(s)** and type **3000**.
9. Click **Save**.
10. Click **Apply Configuration**.

Setting Up service

1. If node app.js is running close it.
2. On console type “sudo nano /etc/systemd/system/kulunvalvonta.service”.
3. In that file type:

[UNIT]

Description=Example description

[Service]

#Node location #Server start location

ExecStart=/usr/bin/node /var/kulunvalvonta/Server/app.js

#Required on some systems

WorkingDirectory=/var/kulunvalvonta/Server

Restart=always

#Restart delay after crash

RestartSec=10

#Output

StandartOutput=syslog

StandartError=syslog

SyslogIdentifier=example_identidier

#User=<alternate user>

#Group=<alternate group>

Environment=NODE_ENV=production PORT=3000

[Install]

WantedBy=multi-user.target

4. Save file with ctrl + x and then press (y or k) and then enter.
5. In console type now “systemctl enable kulunvalvonta.service”.
6. And finally type “systemctl start kulunvalvonta.service”.
7. You can check if service is running right with typing “systemctl status kulunvalvonta.service”, and you should see somewhere green text saying “**active (running)**”.