How is the node js system deployed in VPS.

Deployed in the system following the tutorial provided in the link(<https://www.digitalocean.com/community/tutorials/how-to-set-up-a-node-js-application-for-production-on-ubuntu-16-04>)

Knowledge Required:

1. SSH

2. nvm package manager.

3. pm2 (process manager for nodejs)

4. nginx

Code in the VPS can be found in:

$ cd ~/MDD-REMOTE

STEP 1:

Obtain SSH login credentials from Mahabir Pun himself.

STEP 2:

Login to the SSH system.

STEP 3:

Nodejs is managed by a package manager called ‘nvm’(<https://github.com/creationix/nvm>).

In the VPS , you need to select the node version to access the system. To select the node version you need to use nvm.

$ nvm use nicwebpage

The above command selects the nodejs version required to run the monitoring system in VPS.

After selecting the package using nvm, you can view the status of the process using pm2.

STEP 4:

To view the status of process of monitoring system.

$ pm2 status nicwebpage

STEP 5:

pm2 command and environment variable for node application can be found in ecosystem.config.js file.

STEP 6:

To stop the process

$ pm2 stop nicwebpage

To delete the process

$ pm2 delete nicwebpage

To start the process

$ pm2 start ecosystem.config.js