



HEAT

<http://heatwallet.com>

HEAT MINING NODE

INSTALLATION INSTRUCTIONS

**GET YOUR NODE MINING
SERVER UP IN 10 MINS**

THE INSTRUCTIONS INCLUDE:

- A. Preparation stage
- B. Installation stage.
- C. Launch forging stage.
- D. Tips
- E. Useful commands.

APP FOLDERS? [HTTP://GITHUB.COM/HEAT-LEDGER-LTD/HEATWALLET](http://github.com/heat-ledger-ltd/heatwallet)

QUESTIONS? [FITO@HEATLEDGER.COM](mailto:fito@heatledger.com)

A. PREPARATION STAGE

1. Order a VPS, for example at ovh.com, Ubuntu 64 bits.
2. Create an account at <http://heatwallet.com> and write down your account number and passphrase.
3. Open your terminal on your computer to enter command lines.

B. INSTALLATION STAGE

1. In the terminal enter...`ssh root@yourserver.ovh.net`. Then enter the root password when asked.

2. Packages and updates

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get install default-jdk
sudo apt-get install unzip
sudo apt-get install curl
```

3. Get the latest version of the app (v2.5.3) and open up the app folder. You can find the latest releases: <https://github.com/Heat-Ledger-Ltd/heatledger/releases>

```
wget https://github.com/Heat-Ledger-Ltd/heatledger/releases/download/v2.5.3/heatledger-2.5.3.zip
```

```
unzip heatledger-2.5.3.zip
cd heatledger-2.5.3
```

4. Edit the conf file... `vi conf/heat-default.properties`.

Press `I` to go in insert mode and change these fields:

```
heat.apiKey=something (Change this by anything)
heat.myAddress=Public IP address
heat.myPlatform= (Your Heat account number, create an account at
heatwallet.com)
heat.maxNumberOfConnectedPublicPeers=500
heat.myHallmark=Your Hallmark generated from https://heatwallet.com/api/#!/Tools/encode (you will need your secret passphrase to generate your Hallmark and the IP of your server)
```

Press `ESC` once it's edited

Enter `:w` to save

Enter `:q` to quite

5. Start the blockchain

```
screen -mS heatledger bin/heatledger
```

Wait for full sync with the blockchain.

Once you have downloaded the latest block from this page <https://heatwallet.com/#/explorer> you can start forging.

You can also check that your node is online at <https://heatwallet.com/nodes.cgi> (it might take a few minutes before it shows)

C. LAUNCH FORGING STAGE

Open a new tab in the terminal (Cmd+T on Mac).
Log in again in your server if you are not logged in (step 1).
Go inside the heat folder by using `cd heatledger-2.5.3`

Replace YOURAPIKEY by your ApiKey then enter this command :
`read -s KEY ; curl -k -s "http://localhost:7733/api/v1/mining/start/${KEY// / %20}?api_key=YOURAPIKEY" ; unset KEY`

Enter your passphrase and then the enter button.

If you see something like `{"deadline":55985,"hitTime":110535218}` it's forging.

D. TIPS

If you close the window and want to come back, just log in in the server again (step 1) and type `screen -r`, if the window doesn't show directly type `screen -r ID` (example : `screen -r 2230`) the ID can be found by typing `screen -r`.

Check on <https://heatwallet.com/nodes.cgi> that your node is running.
You can check your rewards at <https://heatbrowser.com/report.html>
You can have a view of your account at http://heatnodes.org/?ac=ACCOUNT&page_id=136 (replace ACCOUNT by your Heat account number)

You can also check other information at http://heatnodes.org/?page_id=329

C. USEFUL COMMANDS

List folders : `ls -l`.

Stop Node : CTRL + C

Screen help : <https://www.tecmint.com/screen-command-examples-to-manage-linux-terminals/>