How to run easily your own node of xRhodium?

1) Go to some VPS provider. Here in example :

https://virtualservers.co.za/linux-vps/

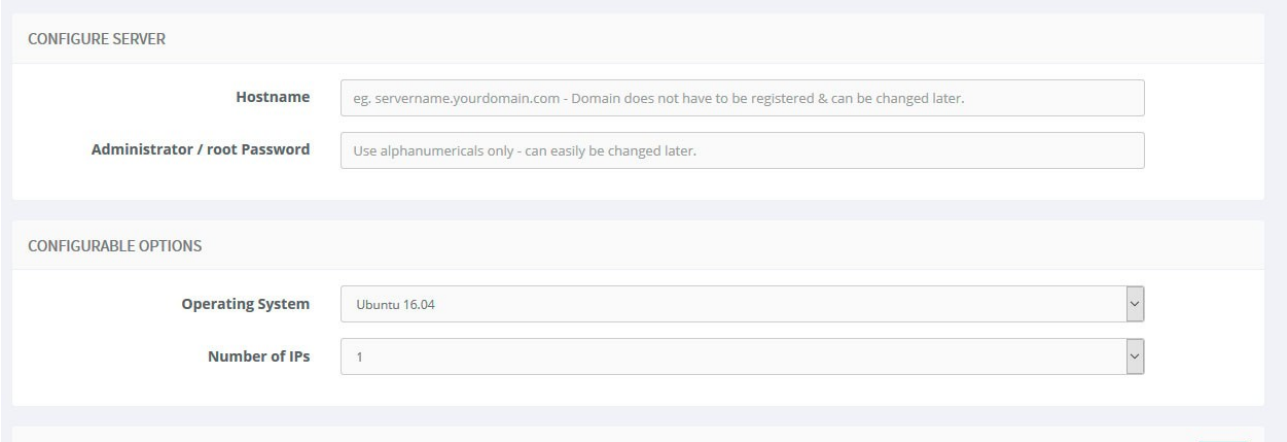
2) The best is select the server with Linux – cheaper and easy variant.

3) Recommended package from these selection is at least

- 2 CPU vCores
- 3 GB Memory
- 100 GB SSD Storage
- Unmetered Traffic

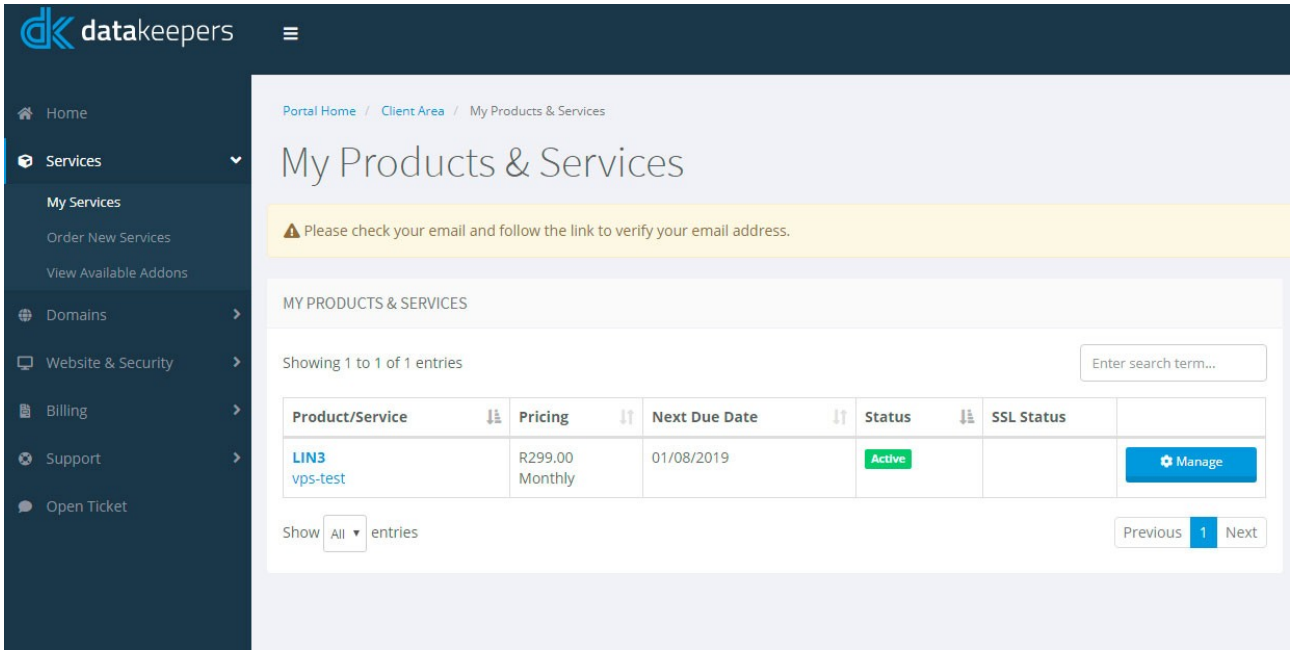
4) set your hostname, Your admin password, Os and number of Ips.

Example:
hostname => vps-mine
Admin Password => myPassword126*-+
OS: Ubuntu 16.04
Number of Ips: 1

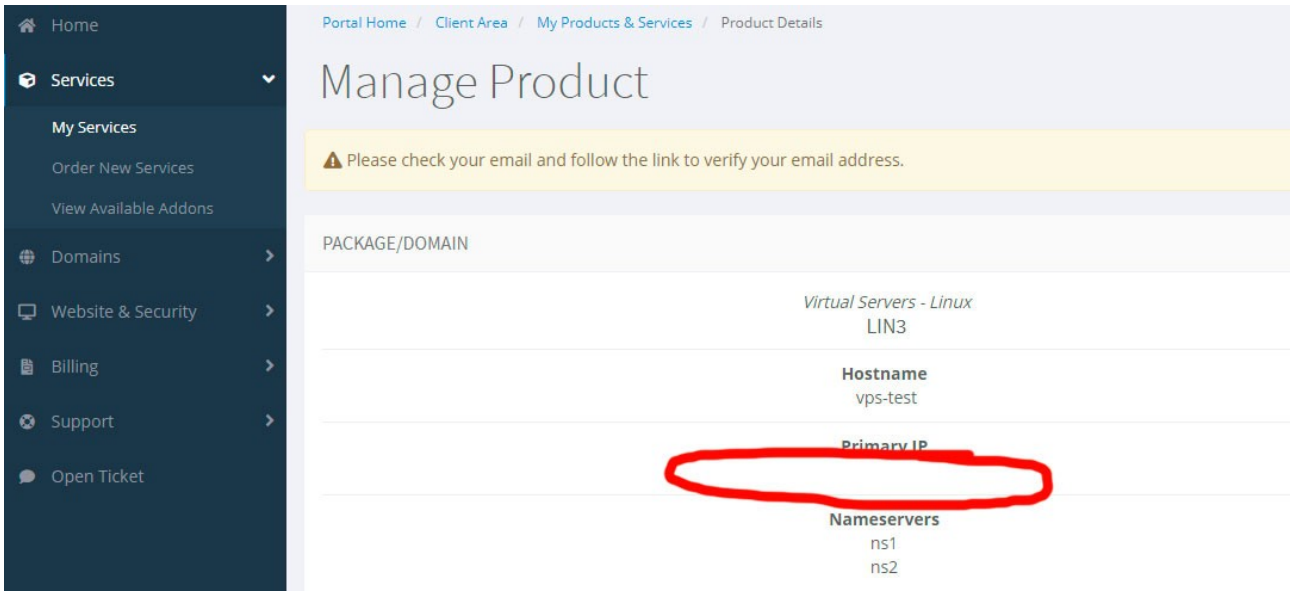


Buy it.

5) After your login you will be able to see your server in the list. Click on Manage.



6) You will be able to recognize your IP. Here:

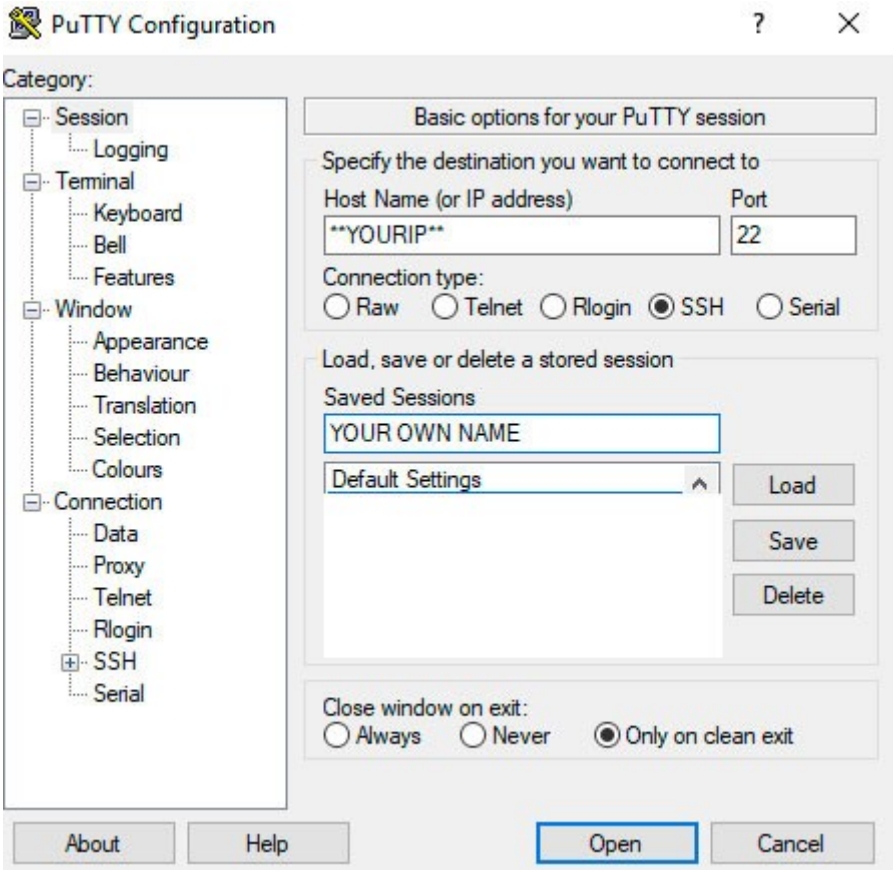


7) Now download Putty client.

https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

Use 32 or 64 bit installation based on your system.

8) After installation run PUTTY and you will see this screen:



9) Fill Host Name = Your IP address from part 6.

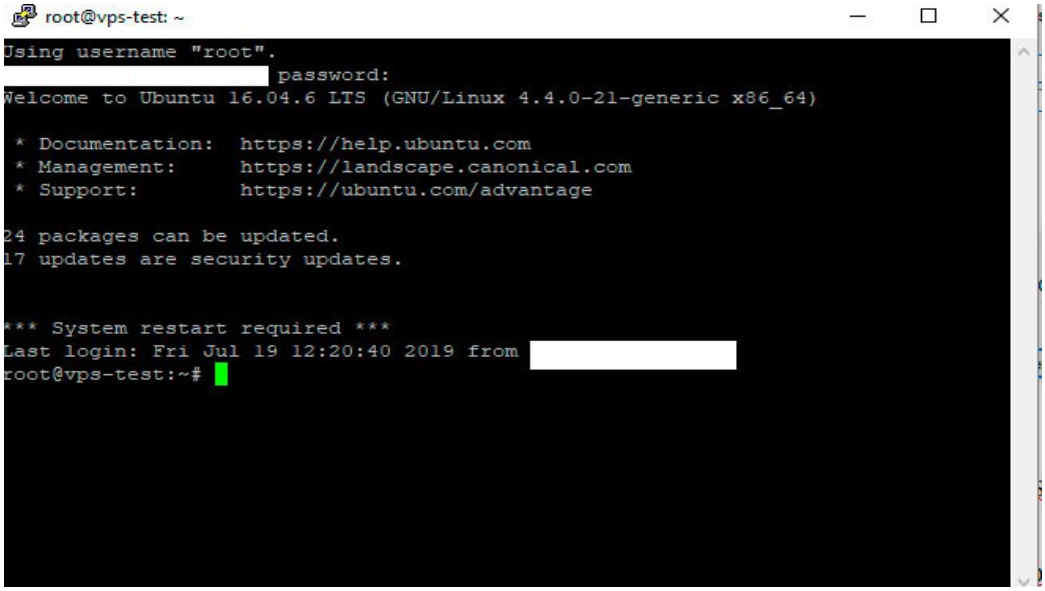
Saved session => Title of your session for example – My-First-Server

AND Click on SAVE.

10) Select your new saved session and click on Load and then Open.

11) You will see your new dialog for login use => root and for password use your admin password from part 4.

12) You are in now:



13) now is necesary to call all these commands (after all insert click on enter):

(sometimes you will be ask for yes/no => write everytime: y)

(Sometimes you will have to do some decision use ok or yes)

a) apt-get update

b) apt-get upgrade -y

c) apt-get dist-upgrade -y

d) apt-get autoremove -y

e) apt-get autoclean –y

f) adduser mynode

(mynode = is your user name you can use your own only numbers and alphabets)

g) adduser mynode sudo

h) apt-get install git cmake build-essential libssl-dev pkg-config libboost-all-dev libsodium-dev libzmq5 tmux

For Ubuntu 16.04

i) wget -q https://packages.microsoft.com/config/ubuntu/16.04/packages-microsoft-prod.deb -O packages-microsoft-prod.deb

j) sudo dpkg -i packages-microsoft-prod.deb

k) sudo apt-get install apt-transport-https

l) sudo apt-get update

m) sudo apt-get install dotnet-sdk-2.2

n) sudo apt-get install iptables

o) sudo apt-get install ip6tables

p) ip6tables -P INPUT DROP

q) ip6tables -P OUTPUT DROP

r) ip6tables -P FORWARD DROP

s) sudo iptables -A INPUT -m conntrack --ctstate ESTABLISHED,RELATED -j ACCEPT

t) sudo iptables -A INPUT -p tcp --dport ssh -j ACCEPT

u) sudo iptables -A INPUT -p tcp -s 127.0.0.1 --dport 19660 -j ACCEPT

v) sudo iptables -A INPUT -p tcp --dport 19660 -j DROP

w) sudo iptables -A INPUT -p tcp -m tcp --dport 37270 -m state --state NEW,ESTABLISHED -j ACCEPT

x) sudo iptables -D INPUT -j DROP

y) sudo iptables -A INPUT -j DROP

z) sudo apt-get install iptables-persistent

a) su mynode

b) tmux new -s btrnode

c) tmux a –t btrnode

d) git clone -b master_1.1.16 https://gitlab.com/bitcoinrh/BRhodiumNode.git

e) cd /

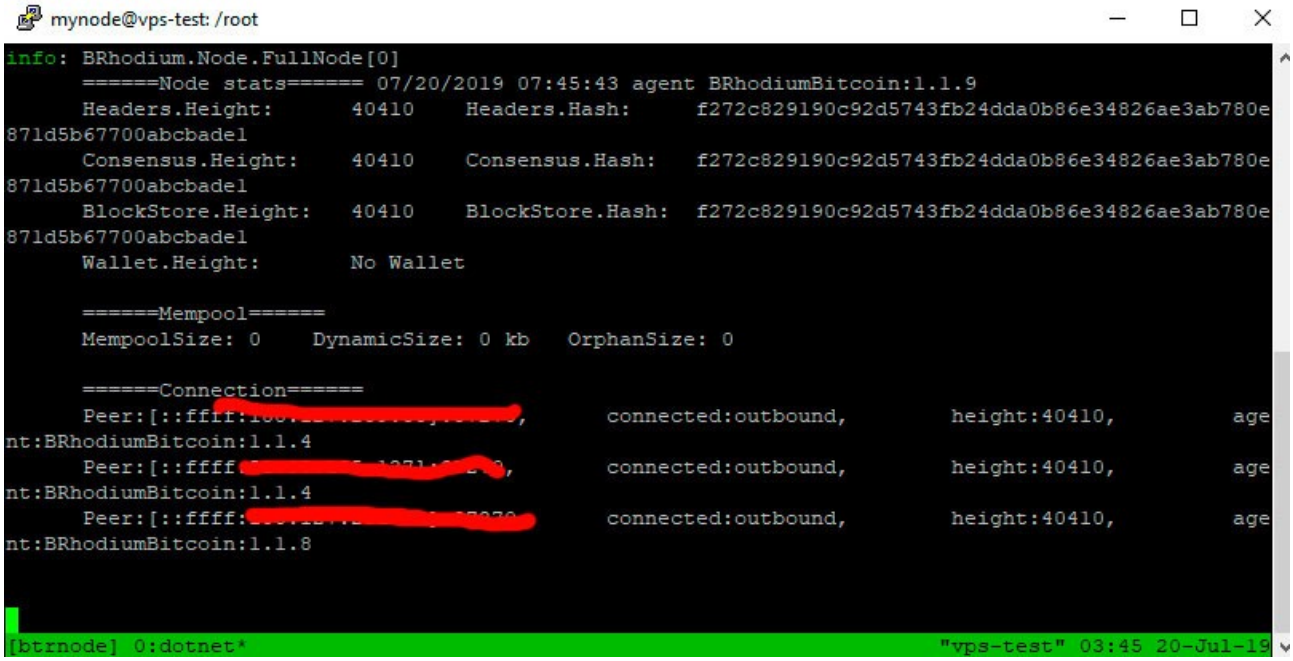
f) cd /home/mynode/BRhodiumNode/src/BRhodium

g) dotnet restore

h) dotnet build

i) dotnet run

Now you will see something like this:



14) Now you can close your window and putty.

YOUR server is online ;)

If you want to go back:

0) Open Putty

1) Select your new saved session and click on Load and then Open.

2) You will see your new dialog for login use => root and for password use your admin password from part 4.

3) You are in now.

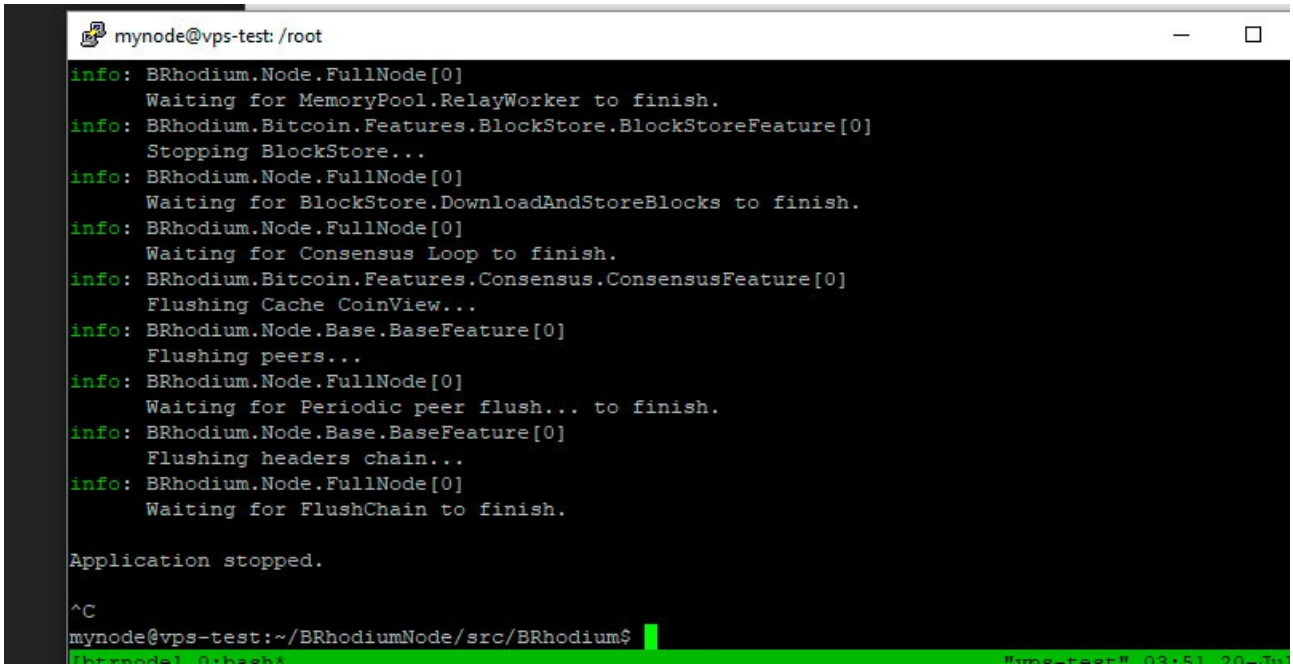
4) call su mynode

5) tmux a –t btrnode

you are back in your node screen ;)

You can stop your node:

Press CTRL + C + wait to see application stopped



if it is necessary call CTRL + C again to see command line.

Run it again after stop:

a) dotnet run

You are back online ;)