

# Crowncoin

## Linux LOCAL/Linux REMOTE Guide

[Crowncoin.org](http://Crowncoin.org)

[Bitcointalk](http://Bitcointalk)

### Things you will need

- 1, Download WinSCP (<https://winscp.net/eng/download.php>)
2. Download PuTTY (<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>)
- 3, Access to your own linux computer or virtual machine
4. Access to a VPS with at least 5-10GB HDD/SSD 1-2GB RAM.
5. 10,000 Crowncoin.

### Step 1

Use PuTTY to connect to your VPS instance or load your linux machine and open a terminal window by pressing CTRL+ALT+T.

### Step 2

Please type/paste these command lines inside the console, one by one following each step carefully

```
sudo apt-get install build-essential libtool autotools-dev automake pkg-config  
libssl-dev libevent-dev bsdmainutils
```

```
sudo apt-get install libboost-system-dev libboost-filesystem-dev libboost-chrono-dev  
libboost-program-options-dev libboost-test-dev libboost-thread-dev
```

```
sudo add-apt-repository ppa:bitcoin/bitcoin
```

```
sudo apt-get update
```

```
sudo apt-get install libdb4.8-dev libdb4.8++-dev
```

```
mkdir -p src && cd src
```

```
sudo apt-get install git
```

```
git clone https://github.com/Crowndev/crowncoin.git -b master
```

```
cd crowncoin/
```

```
git checkout master
```

```
./autogen.sh && ./configure && sudo make install -j 2
```

(This last command line will take particularly long to execute)

### Step 3

Now we need to setup your LOCAL crowncoin.conf file.

Please type the following commands

```
mkdir .crowncoin
```

(make sure you are in the folder ~/src/crowncoin\$)

```
sudo nano ~/.crowncoin/crowncoin.conf
```

Paste this into your new crowncoin.conf file and edit appropriately

```
rpcuser=MAKE A USERNAME  
rpcpassword=MAKE A PASS  
listen=1  
server=1  
daemon=1  
externalip=YOUR IP4 ADDY  
throne=1  
throneprivkey=YOUR PRIVATE KEY
```

Hold K+X, to exit .conf.

### Step 4

Now we need to fire up crowncoind

```
cd ~/src/crowncoin/src
```

```
./crowncoind
```

Nothing should happen, this is a good sign.

### Step 5

Now we're going to be using crowncoin-cli for the next few steps, basically it allows us to pass commands to crowncoind without having to restart crowncoind for the changes to take effect.

To start the process, type

```
./crowncoin-cli getinfo
```

You should see something like this

```
{
  "version" : 90200,
  "protocolversion" : 70002,
  "walletversion" : 60000,
  "balance" : 0.00000000,
  "darksend_balance" : 0.00000000,
  "blocks" : 44629,
  "timeoffset" : 0,
  "connections" : 3,
  "proxy" : "",
  "difficulty" : 16.00000000,
  "testnet" : false,
  "keypoololdest" : 1467582205,
  "keypoolsize" : 1001,
  "paytxfee" : 0.00000000,
  "relayfee" : 0.00001000,
  "errors" : ""
}
```

## Step 6

We now need to find the privkey for your wallet.

```
./crowncoin-cli getaccountaddress 0
```

This should show your 0 address, copy and save it.

```
./crowncoin-cli dumpprivkey YOUR 0 ADDRESS
```

Copy and save your privkey. Should look something like this

```
VNBc33TunC7c*****7GCp68g1dPA2*****
```

## Step 6

You need to password protect your wallet

```
./crowncoin-cli encryptwallet YOURPASSWORD
```

```
./crowncoin-cli help (if you get stuck)
```

Now you can send 10,000 CRW to the 0 address you created before.

Wait for 15 confirmations on the 10,000 CRW

## Step 7

Generate a Throne privkey

```
./crowncoin-cli walletpassphrase YOUR PASSWORD 60
```

```
./crowncoin-cli throne genkey
```

Copy and save this string

```
cd ~/src/crowncoin
```

```
sudo nano ~/.crowncoin/crowncoin.conf
```

Replace the old throneprivkey with the new one

Remove the # in front of throneprivkey

Change throne=0 to 1

Ctrl+X and save

## Step 8

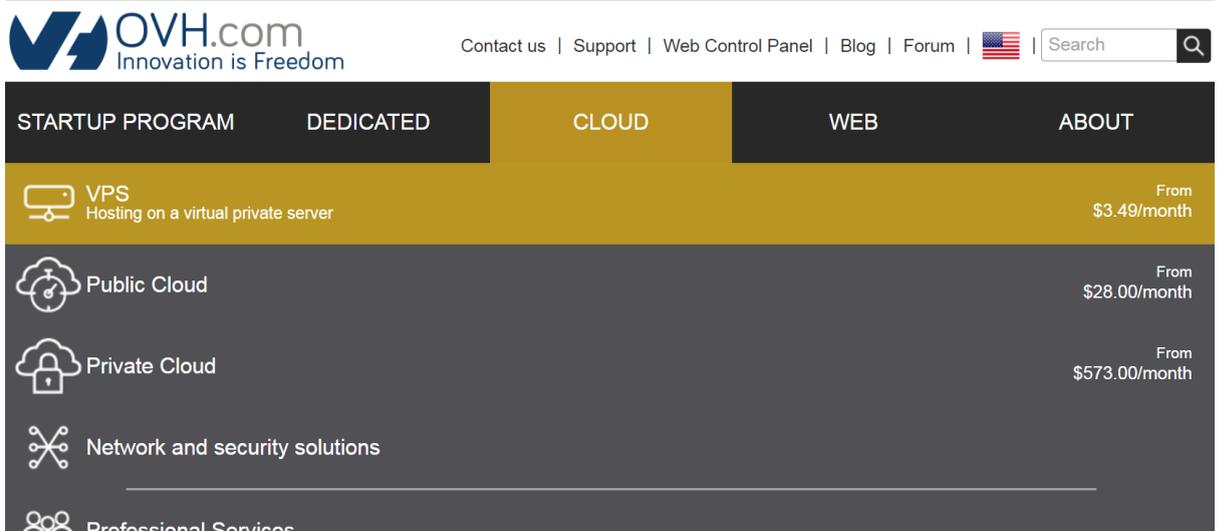
```
cd ~/src/crowncoin/src
```

```
./crowncoin-cli stop
```

## Step 9

**VPS PART**

Create a new VPS, for example (<https://www.ovh.com/us/vps/vps-ssd.xml>)



OVH.com  
Innovation is Freedom

Contact us | Support | Web Control Panel | Blog | Forum |  | Search 

- STARTUP PROGRAM
- DEDICATED
- CLOUD**
- WEB
- ABOUT

-  **VPS**  
Hosting on a virtual private server From \$3.49/month
-  **Public Cloud** From \$28.00/month
-  **Private Cloud** From \$573.00/month
-  **Network and security solutions**
-  **Professional Services**



STARTUP PROGRAM DEDICATED **CLOUD** WEB ABOUT

High performance VPS at an affordable price

- Unbeatable price/performance ratio
- SSD drives
- OpenStack KVM

VPS SSD 1	VPS SSD 2	VPS SSD 3
OpenStack KVM	OpenStack KVM	OpenStack KVM
1 vCore	1 vCore	2 vCores
2.4 GHz	2.4 GHz	2.4 GHz
2 GB RAM	4 GB RAM	8 GB RAM
10 GB SSD	20 GB SSD	40 GB SSD
Local RAID 10	Local RAID 10	Local RAID 10
<b>\$3.49</b> /month	<b>\$6.99</b> /month	<b>\$13.49</b> /month
<a href="#">Order</a>	<a href="#">Order</a>	<a href="#">Order</a>

Included with your machine

<https://us.ovh.com/us/cgi-bin/newOrder/order.cgi?orderType=vps&type=ssd&model=model1&osType=linux>



### My VPS

Category: Virtual Private Server SSD

Service: VPS 2016 SSD 1 ( 1 vCore/2 GB/10 GB ) ( \$3.49 USD /month )

Quantity: 1

---

### My location

Desired location:

- North America > Beauharnois (CA)
- Europe > Strasbourg (FR)
- Europe > Gravelines (FR)

---

### My OS

Operating system: Linux

Distribution: Ubuntu

Version: Ubuntu 16.04 Server 64bits

Language: English

### My order

**VPS 2016 SSD 1**

Beauharnois (CA)  
Ubuntu 16.04 Server

**Monthly subscription**

Monthly Rental	\$3.49
	USD
Sub-total excl. taxes	<b>\$3.49 USD</b>

Payment validated

Thanks for choosing OVH.com.

Our system will process your payment soon.

Below you will find the information related to your order.  
**Please store this information somewhere safe as you may be asked for it in the future.**

Information about the payment

Order no.:	
External transaction nr.:	
Transaction date:	
Ovh transaction no.:	

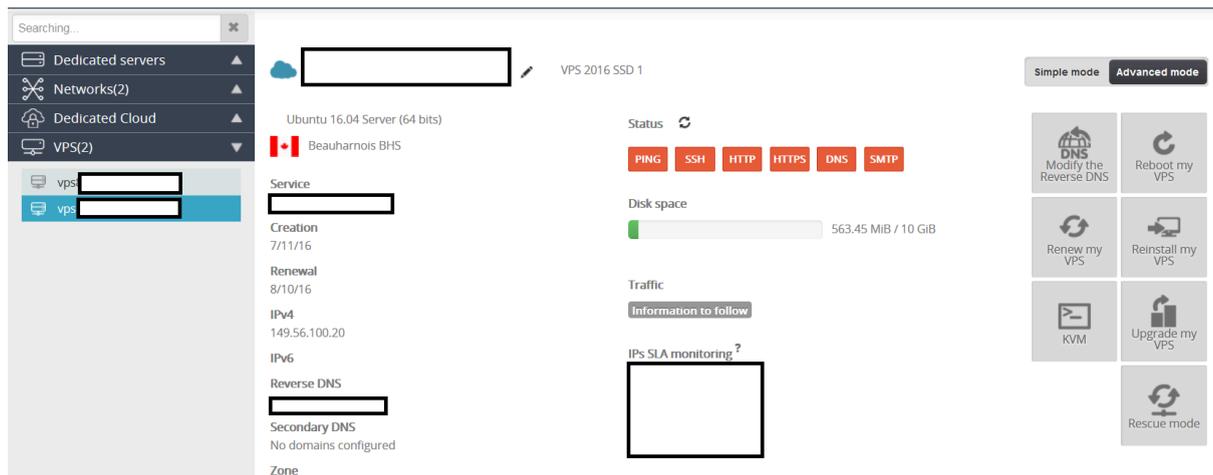
[Back to the order](#)

Once your VPS is live, take the ip address of your VPS and copy it

- Dedicated servers
▲
- Networks(2)
▲
- Dedicated Cloud
▲
- VPS(1)
▼

vps85

- Public Cloud
▲
- Exchange
▲
- Licenses
▲



You need this for the externalip=195.334.34.3.434 (Example) inside your crowncoin.conf file.

Go back to your LOCAL wallet, and in the terminal make sure your in the directory ~/src/crowncoin\$ and type

```
sudo nano ~/.crowncoin/crowncoin.conf
```

Change the externalip to your new VPS ip address

Ctrl+X and save

## Part 10

Go back to your VPS control panel

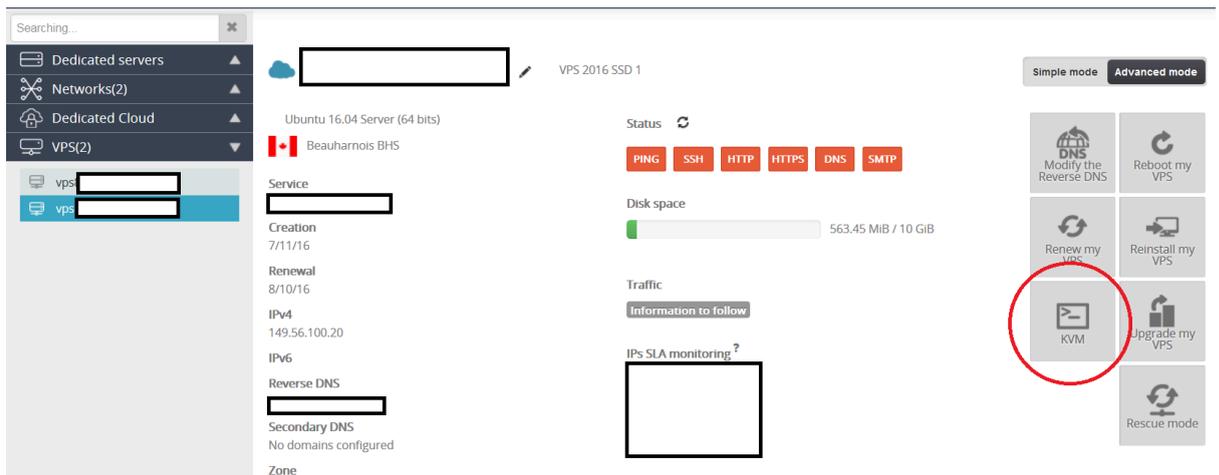
Click your name in the top right hand corner, click my account.

Click emails received, you should see an email from ovh with your VPS logins

Take note of USER - root PASSWORD - \*\*\*\*\*

Go back to VPS control panel, click your VPS.

Find KVM on the right.



Now you're inside your new VPS.

Enter the username and password you took note of before.

Once you're in, change ROOT's password, enter the following command

```
passwd root
```

Make a new password. Once you've made a new password for root please follow these commands

```
adduser YOUR NEW USERNAME
```

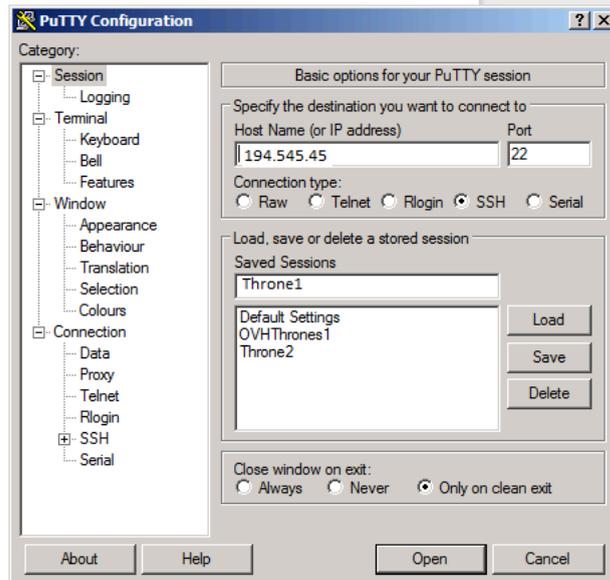
Follow the instructions and create the new user.

You can now leave the KVM, close the terminal.

## Step 11

Now you need to download putty and install it.

Paste your VPS ip address as displayed



Create a name for the connection and save. This will give you quick access to your VPS in future

Click open

Login to your VPS via putty using your NEW USER and enter NEW PASSWORD

Once your inside, type

```
su -
```

Enter ROOT's password which you created before

```
apt-get update
```

```
apt-get install ufw
```

```
ufw allow ssh/tcp
```

```
ufw limit ssh/tcp
```

ufw allow 9340/tcp

ufw logging on

ufw enable

Check the status of your firewall by typing...

ufw status

exit

Please keep putty open

## Step 12

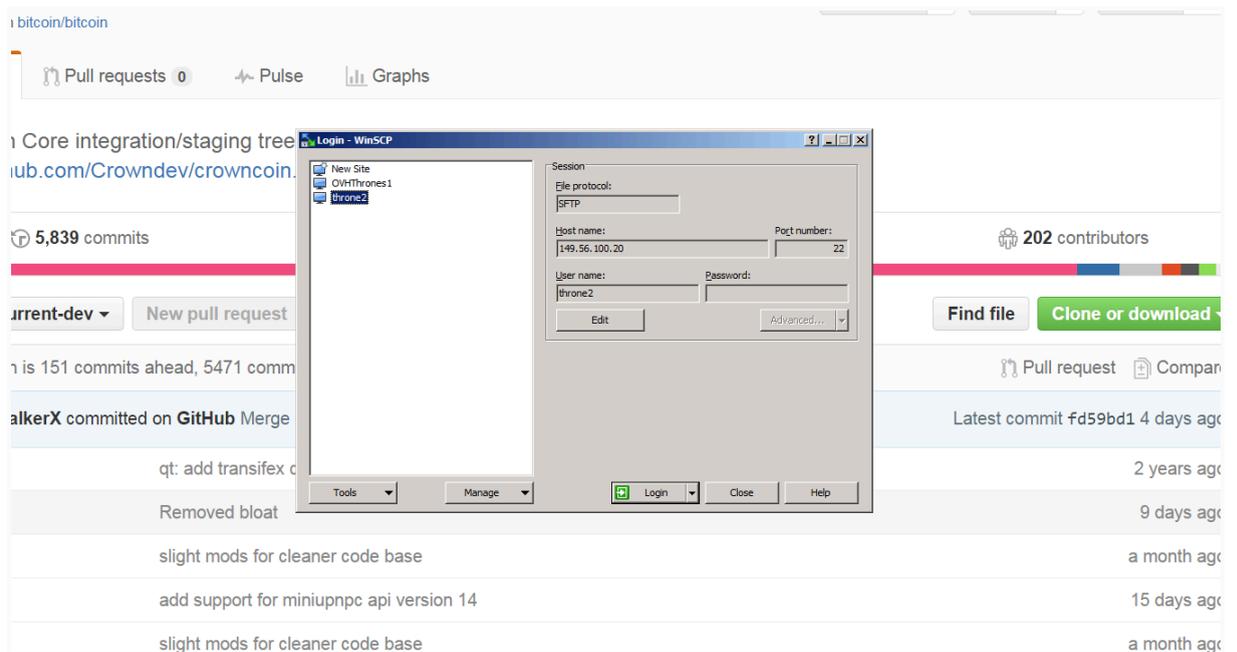
Now you need to download the crowncoin linux source

<https://github.com/Crowndev/crowncoin/tree/Current-dev>

Extract the file and copy and paste (crowncoin-cli and crowncoind) to your desktop

Download and install [WinSCP](#)

Enter your ip address and a name for your connection and save



Once connected to your VPS, on the left find your desktop and on the right find your vps user name

Find (crowncoin-cli and crowncoind) and paste to your VPS

Once complete, shut down WinSCP.

### Step 13

Go back to putty and type

```
chmod 777 ./crowncoind  
chmod 777 ./crowncoin-cli
```

### Step 14

We need to add your .conf to your VPS, in putty please type

```
mkdir .crowncoin
```

```
nano ~/.crowncoin/crowncoin.conf
```

Paste your crowncoin.conf contents with all updated information like ip address and throneprivkey into .conf file.

Ctrl+X to save.

Close Putty

### Step 15

Reboot putty login as USER and type

```
chmod 444 .crowncoin/crowncoin.conf
```

```
./crowncoind
```

```
./crowncoin-cli getinfo (will show you progress of wallet)
```

### Step 16

Back to your LOCAL pc wallet, we are now going to boot your Throne

```
cd ~/src/crowncoin/src
```

```
./crowncoind stop
```

```
./crowncoind
```

```
./crowncoin-cli walletpassphrase YOUR PASSWORD 120
```

```
./crowncoin-cli throne start
```

Thats it, after a little while your Throne should start to propagate through the network and show up using this command

```
./crowncoin-cli thronelist
```

