

Basic Requirements

- 50,000 THC (have an additional .01 THC available to cover transaction costs)
- Local Computer with THC wallet installed
Download a THC wallet for your operating system at [hempcoin.org](https://www.hempcoin.org).
- VPS or dedicated masternode Server running Ubuntu 16.04
We recommend [Evolution Host's Starter Plan](#) for your VPS. This plan is suitable for running a Hempcoin Masternode and you can make your monthly payments with THC.
- Unique VPS IP address for EACH masternode
- SSH Client: We recommend downloading [Putty](#) for Windows users. Mac users can use Terminal.

Local Wallet Setup

Step 1) Download, install and sync your THC wallet. Wallet links can be found here:
<https://www.hempcoin.org/>.

Step 2) Using your local wallet, enter the debug console by clicking, **Tools > Debug Console** in the toolbar and type the following command:

- **masternode genkey**

This command will generate your Masternode Private Key <MASTERNODE_PRIVATE_KEY>. Save this to Notepad.

Step 3) Using your local wallet, enter the debug console (toolbar: **Tools > Debug Console**) and type the following command:

- **getaccountaddress MASTERNODE_NAME**

Replace "MASTERNODE_NAME" with a name you have chosen for your masternode. This will create a wallet address and masternode name <MASTERNODE_NAME> for your masternode. Save this to Notepad.

Step 4) Send **50,000 THC** to the address in Step 3. **IMPORTANT: In the Amount box, type in EXACTLY 50000. This single transaction tells the blockchain, the address you are sending to is a masternode. If you type in more than 50,000, less than 50,000, or attempt to split the payment into two transactions you will not be able to proceed to the next step. When you press the Send button, the wallet will calculate the proper transaction fee. Click Yes in the dialog box that follows and proceed to the next step.**

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Step 5) Using your local wallet, wait for 6 confirmations, and then enter the debug console (toolbar: **Tools > Debug Console**) and type the following command:

- **masternode outputs**

This will display the transaction id <MASTERNODE_OUTPUT_TXID> followed by the output index <MASTERNODE_OUTPUT_INDEX>. Save this to Notepad.

Step 6) In the local wallet's toolbar, click **Tools > Open Masternode Configuration File** to open masternode.conf and add the following line:

```
<MASTERNODE_NAME> <MASTERNODE_SERVER_IP>:27577 <MASTERNODE_PRIVATE_KEY> <MASTERNODE_OUTPUT_TXID> <MASTERNODE_OUTPUT_INDEX>
```

Note: Substitute it with your own values and without the "<>"s. There should be one space between each element. Ignore the lines starting with a "#" sign.

Example: MN1 31.11.135.27:27577 882WPpkqbr7sr6Si4fdsfssjjapuFzAXwETCrpPJubnrmU6aKzhc8f4965ea57a68d0e6dd384324dfd28cfbe0c801015b973e7331db8ce018716999 1

- Save the file

VPS Setup

To run the script first you will log into your VPS using your SSH client. After logging in, type the following commands into your VPS terminal (**commands below are displayed in bold, green font**).

PLEASE NOTE: The following commands are case sensitive. If you make an error while running the script, you may re-run the script with the command in Step 3.

1. Download the Masternode setup script
`wget https://hempcoin.org/scripts/THC_MN_Setup.sh`
2. Change the permissions
`chmod 755 THC_MN_Setup.sh`
3. Run the masternode setup script
`./THC_MN_Setup.sh`
4. Follow the step-by-step instructions. When asked to enter the masternode private key, enter the key generated in Step 2 of **Local Wallet Setup**.

Restart the Local Wallet

1. Go to the **Masternode** tab and select the masternode you just setup.
2. Click the **Start Alias** button and enter your password to start your masternode.
3. If you're using a Mac and your masternode does not start after pressing the Start Alias button, you will need to start your masternode from the debug console. Open the debug console and type the command below, replacing <MASTERNODE_NAME> with the name you have given to the masternode.

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- `startmasternode alias false <MASTERNODE_NAME>`

*You will need an additional VPS or dedicated server for each additional masternode. To setup additional masternodes, follow steps 2 through 6 in **Local Wallet Setup** using your current local wallet and follow the instructions for **VPS Setup** in a new VPS.*

Usage

Start the masternode

`./hempcoind`

Stop the masternode

`./hempcoin-cli stop`

Check the masternode's status

`./hempcoin-cli masternode status`

Evolution Host VPS Ordering Instructions

Installation

1. Select VPS storage HDD type from <https://evolution-host.com/vps-hosting.php>

The screenshot shows a selection screen for VPS storage types. At the top, there are three tabs: "KVM Virtualization", "Anti DDoS Protection", and "High Scalability". Below these is the heading "Select a VPS storage type".

Two options are presented:

- SSD VPS Hosting**: Represented by an SSD icon. Features include:
 - ✓ Ultra Fast I/O
 - ✓ Pro DDoS Protection
 - ✓ GAME DDoS Protection
- HDD VPS Hosting**: Represented by a server rack icon. Features include:
 - ✓ High capacity
 - ✓ Pro DDoS Protection
 - ✓ Cost effective storage

Below the options is a question: "Which storage type should I choose?". A note at the bottom states: "If your workload requires a large amount of disk space, hard disk drives (HDDs) are best suited to your needs. SSD based VPS offer much faster read and write speeds. Additionally, our SSD based range of virtual servers include Anti-DDoS GAME protection which is tailored for TeamSpeak and game servers."

2. The Developer or Production Package is recommended for optimal performance:

The screenshot shows a pricing table for VPS plans. At the top, there are three tabs: "KVM Virtualization", "Blazing Fast SSD", and "GAME DDoS Protection".

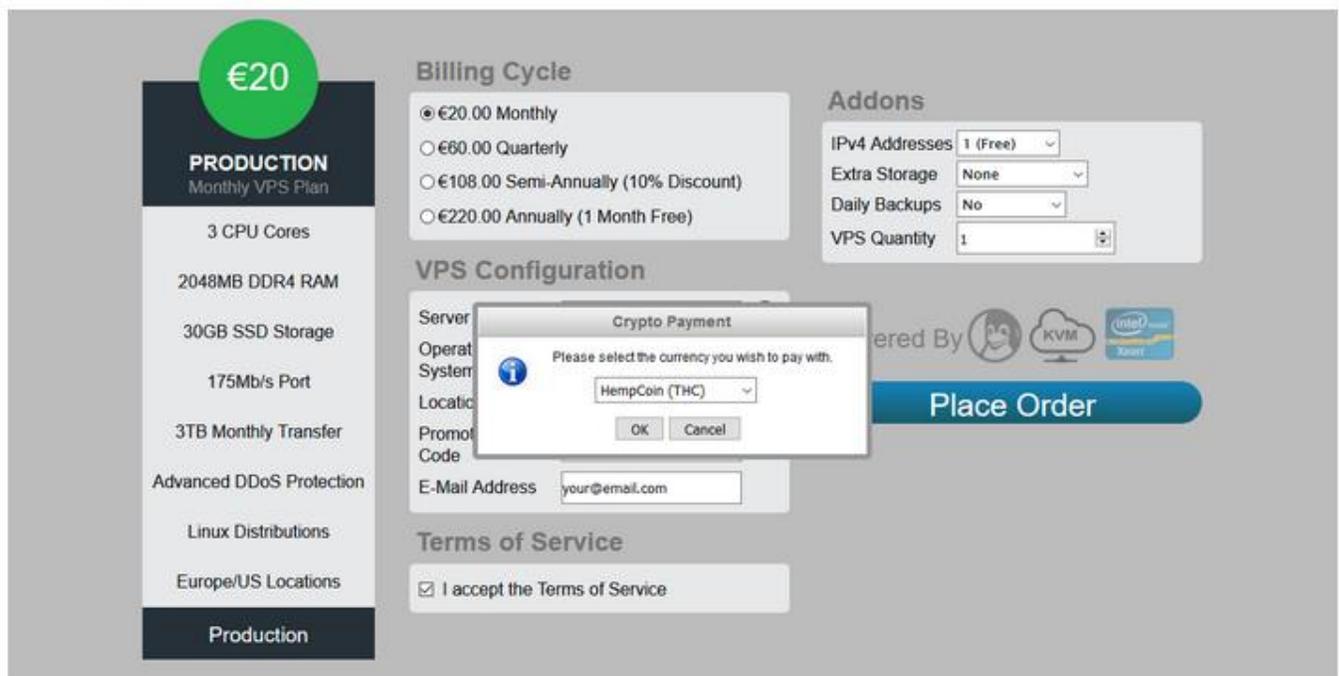
€5	€10	€20	€40
STARTER Monthly VPS Plan	DEVELOPER Monthly VPS Plan	PRODUCTION Monthly VPS Plan	BUSINESS Monthly VPS Plan
1 CPU Core	2 CPU Cores	3 CPU Cores	4 CPU Cores
512MB DDR3 RAM	1024MB DDR3 RAM	2048MB DDR3 RAM	4096MB DDR3 RAM
10GB SSD Storage	20GB SSD Storage	30GB SSD Storage	60GB SSD Storage
125Mb/s Port	150Mb/s Port	175Mb/s Port	200Mb/s Port
1TB Monthly Transfer	2TB Monthly Transfer	3TB Monthly Transfer	6TB Monthly Transfer
Advanced DDoS Protection	Advanced DDoS Protection	Advanced DDoS Protection	Advanced DDoS Protection
Linux Distributions	Linux Distributions	Linux Distributions	Linux or Windows
Europe/US Locations	Europe/US Locations	Europe/US Locations	Europe/US Locations
Order Now	Order Now	Order Now	Order Now

3. Configure your VPS like below:



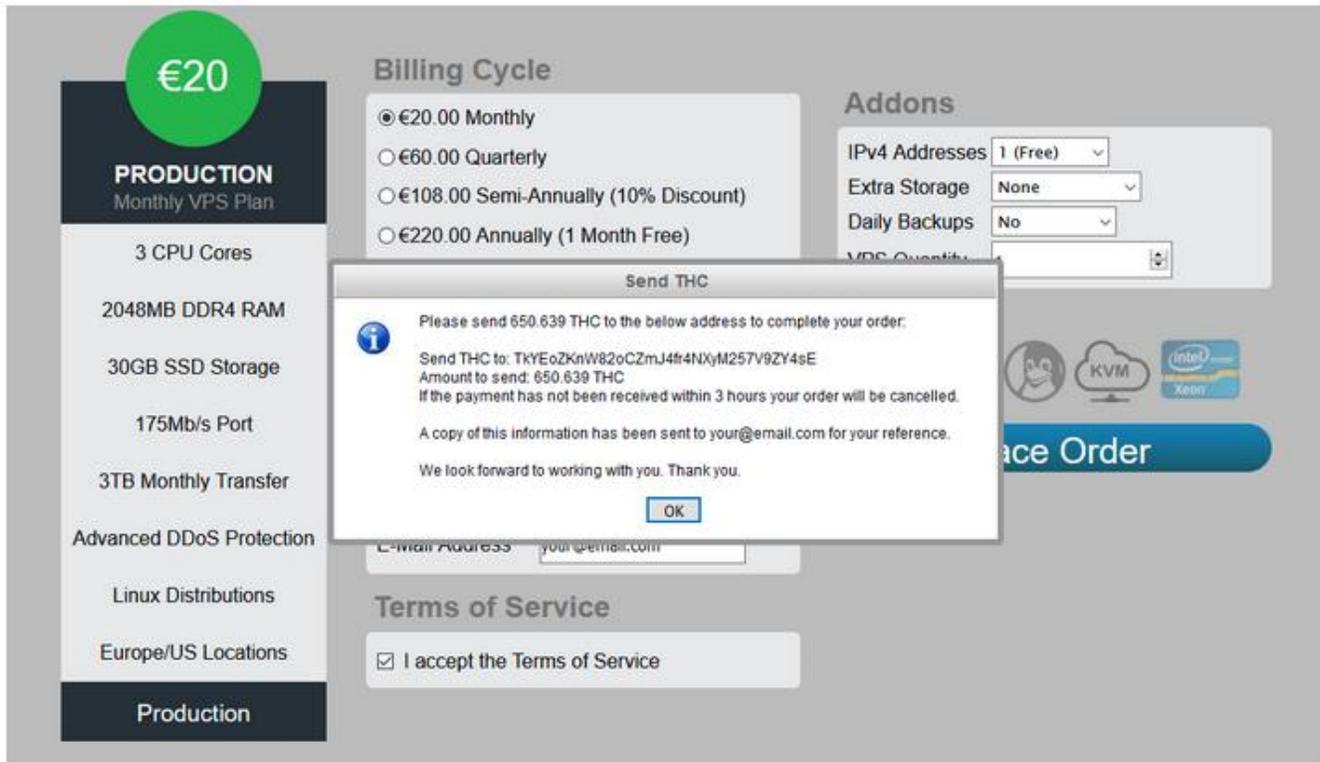
The screenshot shows a VPS configuration interface with a green header containing 'KVM Virtualization', 'Blazing Fast SSD', and 'GAME DDoS Protection'. On the left, a 'PRODUCTION Monthly VPS Plan' is highlighted with a '€20' price tag. The plan includes 3 CPU Cores, 2048MB DDR4 RAM, 30GB SSD Storage, 175Mb/s Port, 3TB Monthly Transfer, Advanced DDoS Protection, Linux Distributions, and Europe/US Locations. The 'Billing Cycle' section has radio buttons for '€20.00 Monthly' (selected), '€60.00 Quarterly', '€108.00 Semi-Annually (10% Discount)', and '€220.00 Annually (1 Month Free)'. The 'VPS Configuration' section includes fields for 'Server name' (my.thc.masternode), 'Operating System' (Ubuntu 16.04 x64 LTS), 'Location' (London, UK), 'Promotional Code' (THC), and 'E-Mail Address' (your@email.com). The 'Addons' section has dropdowns for 'IPv4 Addresses' (1 (Free)), 'Extra Storage' (None), 'Daily Backups' (No), and a 'VPS Quantity' of 1. A 'Place Order' button is visible at the bottom right.

4. Select payment method:



This screenshot is identical to the previous one, but with a 'Crypto Payment' dialog box overlaid on the 'VPS Configuration' section. The dialog box has a title bar 'Crypto Payment' and a message: 'Please select the currency you wish to pay with.' Below the message is a dropdown menu showing 'HempCoin (THC)' selected. There are 'OK' and 'Cancel' buttons at the bottom of the dialog. The 'Place Order' button is still visible in the background.

5. Send THC using the information in the pop up box:



The screenshot shows a VPS purchase interface. On the left, a 'PRODUCTION Monthly VPS Plan' is highlighted with a green circle containing '€20'. The plan includes 3 CPU Cores, 2048MB DDR4 RAM, 30GB SSD Storage, 175Mb/s Port, 3TB Monthly Transfer, Advanced DDoS Protection, Linux Distributions, and Europe/US Locations. The 'Billing Cycle' section has four options: €20.00 Monthly, €60.00 Quarterly, €108.00 Semi-Annually (10% Discount), and €220.00 Annually (1 Month Free). The 'Addons' section includes IPv4 Addresses (1 (Free)), Extra Storage (None), Daily Backups (No), and VPS Quantity. A 'Send THC' pop-up dialog box is centered, containing the following text: 'Please send 650.639 THC to the below address to complete your order.', 'Send THC to: TkYEoZKnW82oCZmJ4fr4NXyM257V9ZY4sE', 'Amount to send: 650.639 THC', 'If the payment has not been received within 3 hours your order will be cancelled.', 'A copy of this information has been sent to your@email.com for your reference.', and 'We look forward to working with you. Thank you.' with an 'OK' button. Below the dialog, an 'E-mail Address' field contains 'your@email.com'. The 'Terms of Service' section has a checked checkbox for 'I accept the Terms of Service'. A 'Place Order' button is visible at the bottom right.