



Masternode Setup Guide

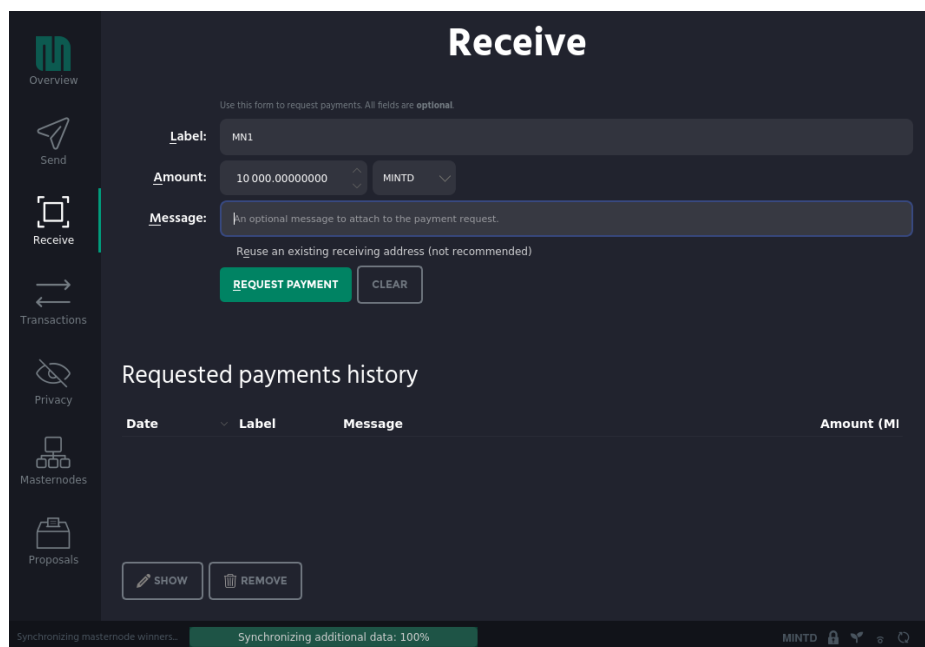
This document is a guide to set up a MINTD Masternode in a Microsoft Windows, macOS, or GNU/Linux platform.

Prerequisites:

- 10,000 MINTD as Masternode collateral
- Latest wallet client for your platform
- A main computer (your everyday computer). This will run the control wallet, hold your collateral and can be turned on/off without affecting the Masternode
- Masternode Server (VPS—The computer that will be on 24/7)
- A unique IP address for your VPS/Remote wallet

Configure Control Wallet

1. Open the wallet client and move to “Receive” tab
2. Enter a label without spaces (e.g. MN1) and mark the amount as 10,000 MINTD



The screenshot shows the 'Receive' tab of the MINTD wallet interface. On the left is a sidebar with icons for Overview, Send, Receive (highlighted), Transactions, Privacy, Masternodes, and Proposals. The main area is titled 'Receive' and contains a form to request payments. The form fields are: 'Label' with the value 'MN1', 'Amount' with a value of 10,000.00000000 and a dropdown set to 'MINTD', and a 'Message' field with placeholder text. Below the form are 'REQUEST PAYMENT' and 'CLEAR' buttons. A section titled 'Requested payments history' shows an empty table with columns 'Date', 'Label', 'Message', and 'Amount (MI)'. At the bottom of the interface, there are 'SHOW' and 'REMOVE' buttons, and a status bar indicating 'Synchronizing masternode winners...' and 'Synchronizing additional data: 100%'.

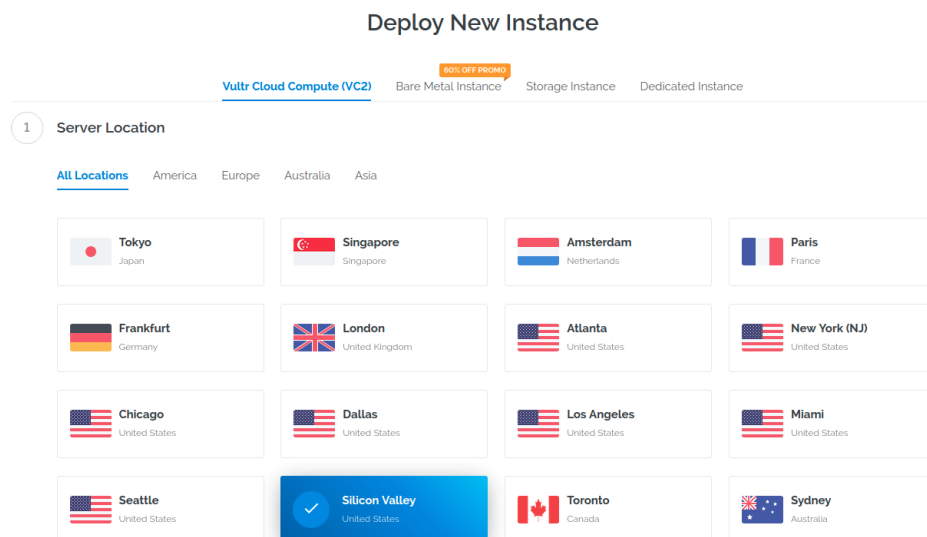
3. Click “Request payment”
4. Copy the receive address from the dialog box that immediately follows
5. Move to “Send” tab
6. Enter the copied address from above and send **exactly** 10,000 MINTD in a single transaction
7. Wait for this transaction to get confirmed in the blockchain
8. Edit **Wallet Configuration File** (Tools -> **Open Wallet Configuration File**) with the following:

```
rpcuser=[username]
rpcpassword=[password]
rpccallowip=127.0.0.1
listen=0
server=1
daemon=1
logtimestamps=1
maxconnections=256
```

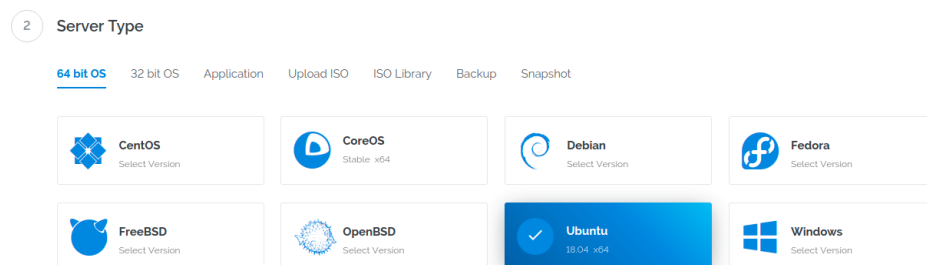
Note that [username] and [password] should be replaced accordingly with secure credentials ([The Simplest Security: A Guide To Better Password Practices](#))

Configure Remote Wallet

1. Create an Account at [Vultr](#)
2. After you have added funds to your account, go [here](#) to create your server
3. Choose a server location (preferably somewhere close to you)



4. Choose the server type as Ubuntu 18.04



5. Choose a server size. It's sufficient to opt for \$5/mo

3 Server Size

25 GB SSD \$5/mo \$0.007/h 1 CPU 1024MB Memory 1000GB Bandwidth	55 GB SSD \$10/mo \$0.015/h 1 CPU 2048MB Memory 2000GB Bandwidth	80 GB SSD \$20/mo \$0.03/h 2 CPU 4096MB Memory 3000GB Bandwidth	160 GB SSD \$40/mo \$0.06/h 4 CPU 8192MB Memory 4000GB Bandwidth
320 GB SSD \$80/mo \$0.119/h 6 CPU 16384MB Memory 5000GB Bandwidth	640 GB SSD \$160/mo \$0.238/h 8 CPU 32768MB Memory 6000GB Bandwidth		

6. Set a server hostname and label (e.g. Masternode-01)

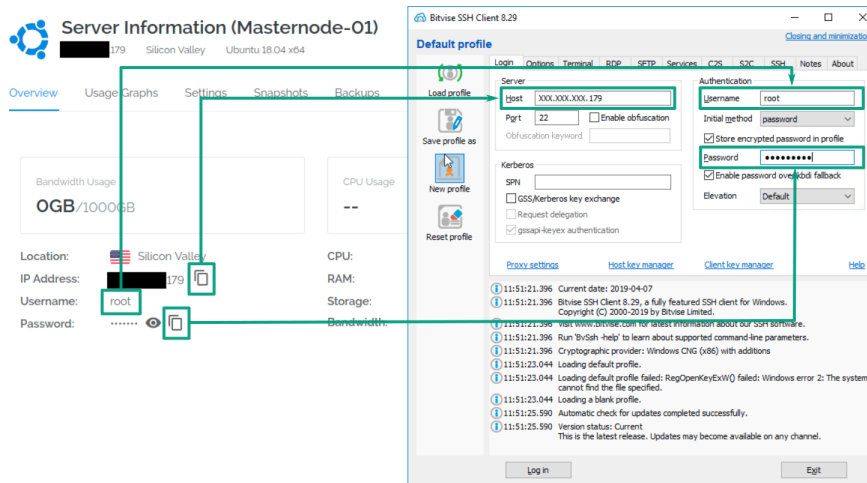
7 Server Hostname & Label

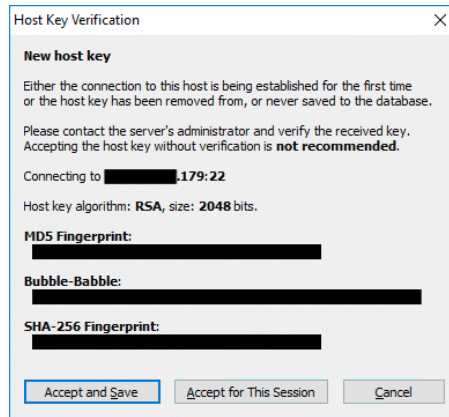
Enter server hostname Masternode-01	Enter server label Masternode-01
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7. Click “Deploy Now”

8. Wait for the server to spin up

9. Connect to the server with [Bitvise SSH Client](#) using the credentials listed under the server details page





10. Use our installation script to set up your masternode in one go:

```
curl -sL https://raw.githubusercontent.com/mintdcoin/MINTD-Documentation/master/masternode-guide/install.sh | bash -
```

(Note that this command [gets the installation script from our GitHub repository](#). We recommend that you review the code to your liking)

11. Sit back and wait for the installation to complete (this will take a few minutes)
12. When finished, make a copy of the output, in particular, the **Masternode GENKEY**.

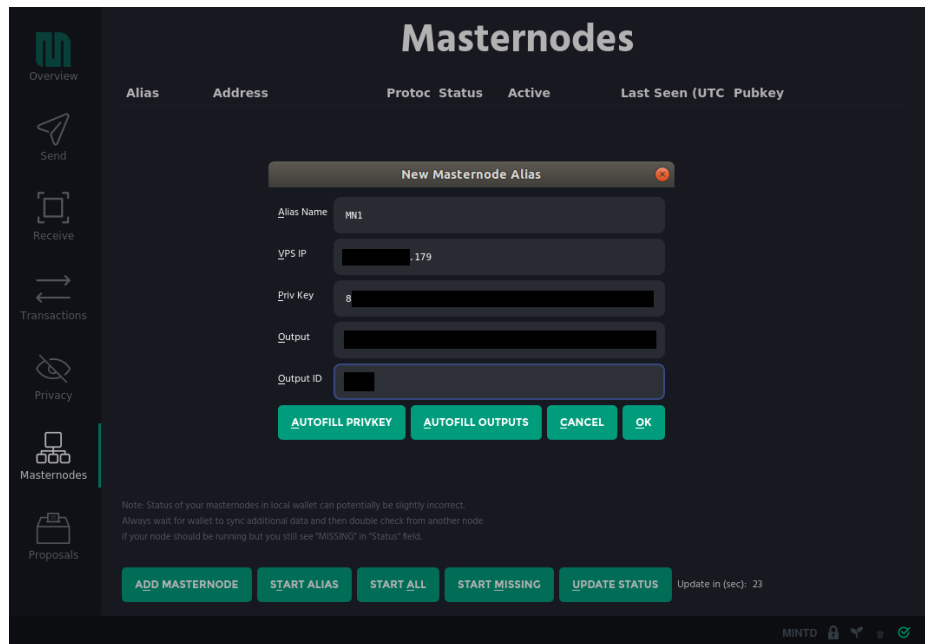
```
Installing and setting up firewall to allow ingress on port 19991
MINTD Masternode successfully configured. Listening on port 19991.

Summary:
  Wallet configuration file: /root/.local/share/mintd/mintd.conf
  Masternode GENKEY:      8 [REDACTED]
  Server IP:              [REDACTED]
  Wallet start:           systemctl start MINTD.service
  Wallet stop:            systemctl stop MINTD.service

Usage:
  mintd-cli masternode status
  mintd-cli getinfo
```

Start Masternode

1. From your control wallet, move to the “Masternodes” tab and click “Add Masternode”
2. Update the form with the Alias Name (e.g. MN1), VPS IP address, Priv Key (Masternode GENKEY from before), click “Autofill Outputs” and press “OK”



3. Click "Start Missing" (or select the Masternode and click "Start Alias")
4. From your VPS, confirm the status of your Masternode with the following:

```
mintd-cli masternode status
```
5. If you see status 4 or 9 then congratulations! You have now successfully activated a Masternode
6. If not, please contact support at <https://discordapp.com/invite/Q8tsgCw> for further assistance
7. For added security we recommend that you encrypt your control wallet (**Tools -> Encrypt Wallet**). Just make sure to **never forget your password** as you wouldn't be able to access your wallet without it