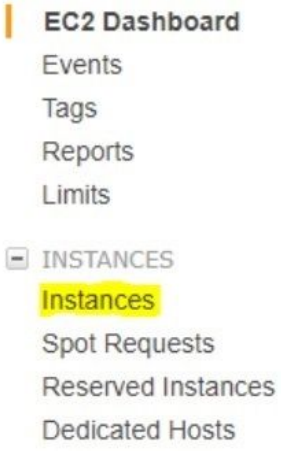
Requirements:

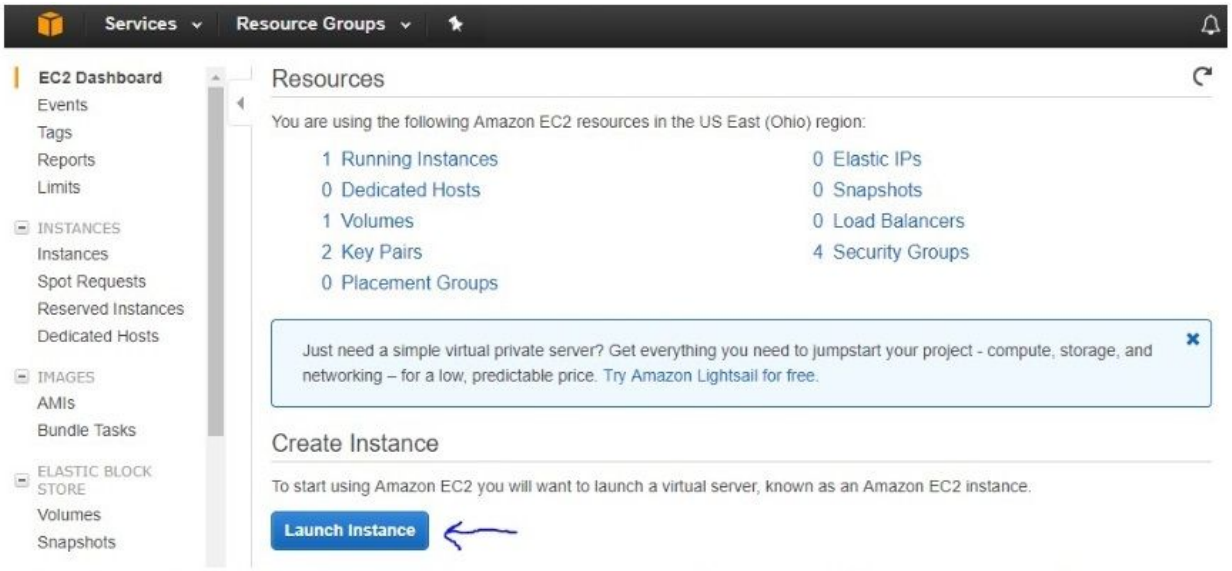
- Create a Amazon EC2 Free Tier Account
- 5001+ DEV (to cover transaction fees)

Steps:

1. Log into your AWS account
2. From your EC2 dashboard, select *Instances*

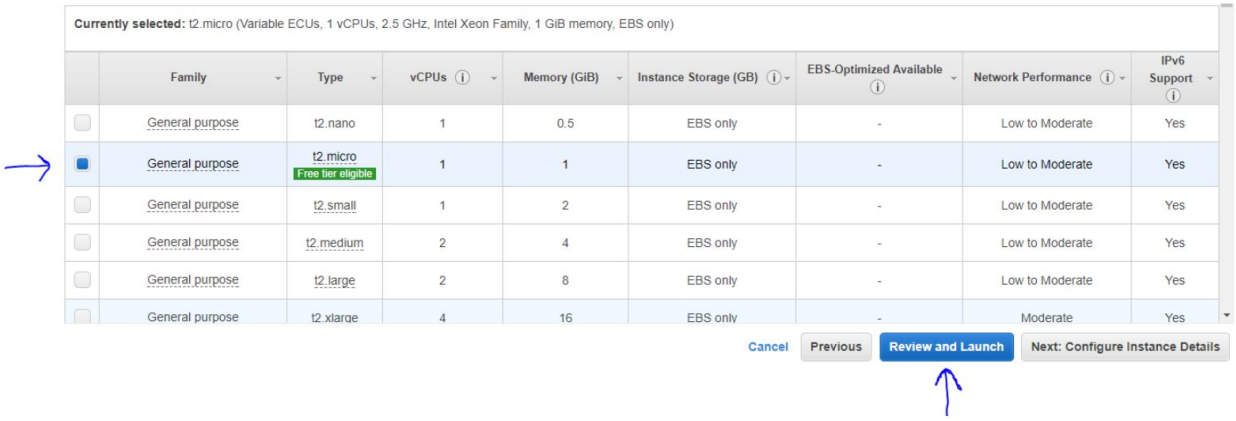


3. Under *Create Instance,* click *Launch Instance.*

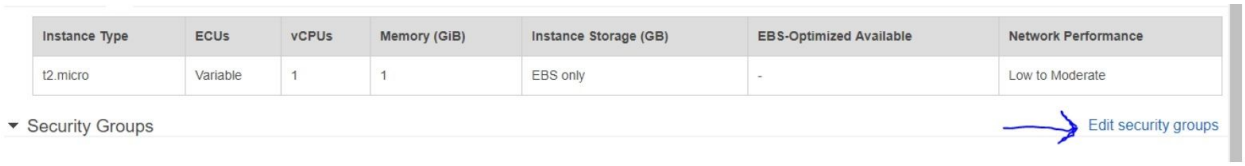


4. Select (free tier eligible) *Microsoft Windows Server 2016 Base - 64 as your OS.*

5. Select the default Instance Type, t2.micro (free tier eligible) then click *Review and Launch.*

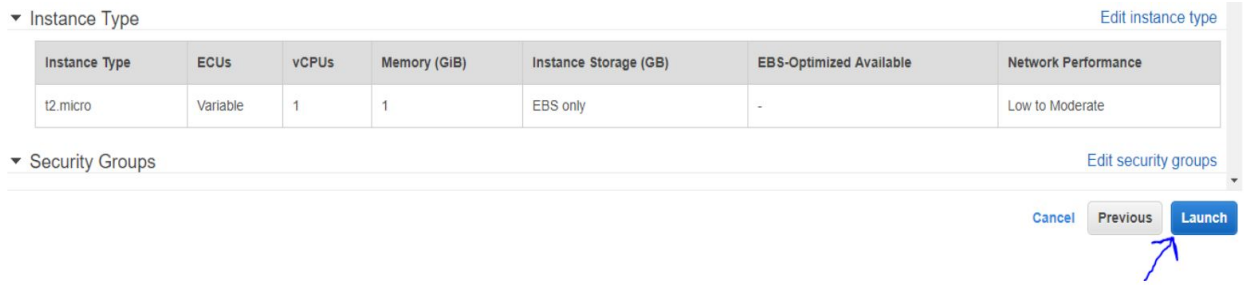


6. Select *Edit security groups*

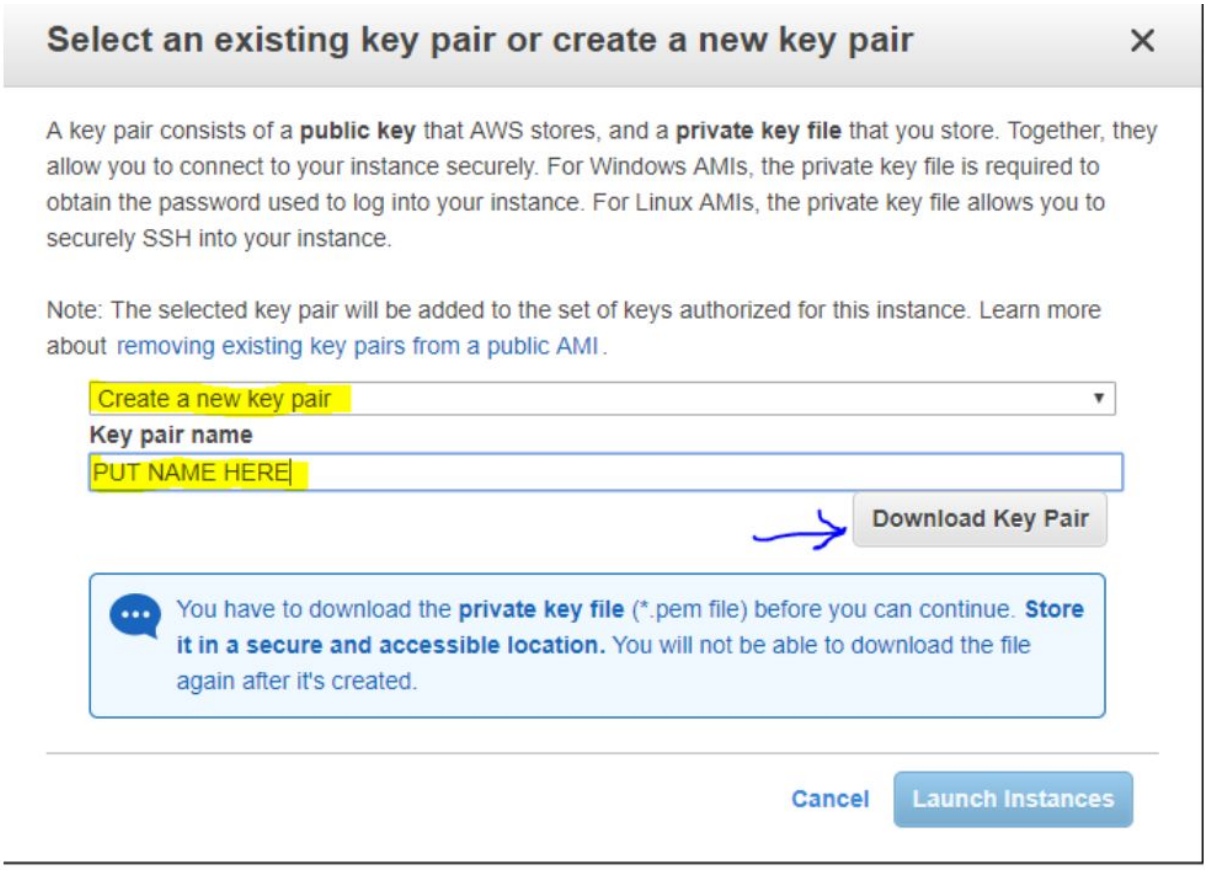


7. Add Rule
    1. Type: Custom TCP Rule
    2. Protocol: TCP
    3. Port Range: 22618
    4. Source: Anywhere

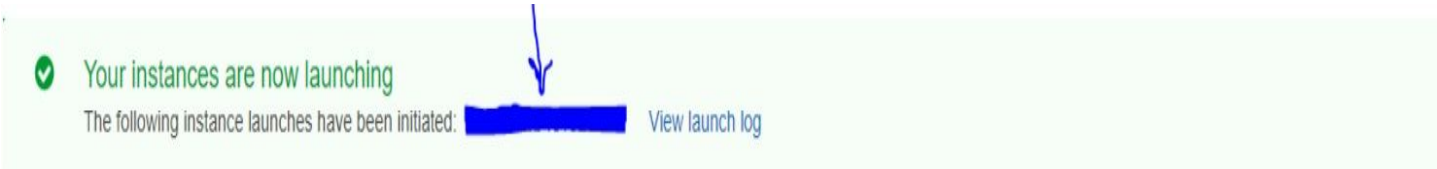
8. Click *Review and Launch*
9. Click *Launch*



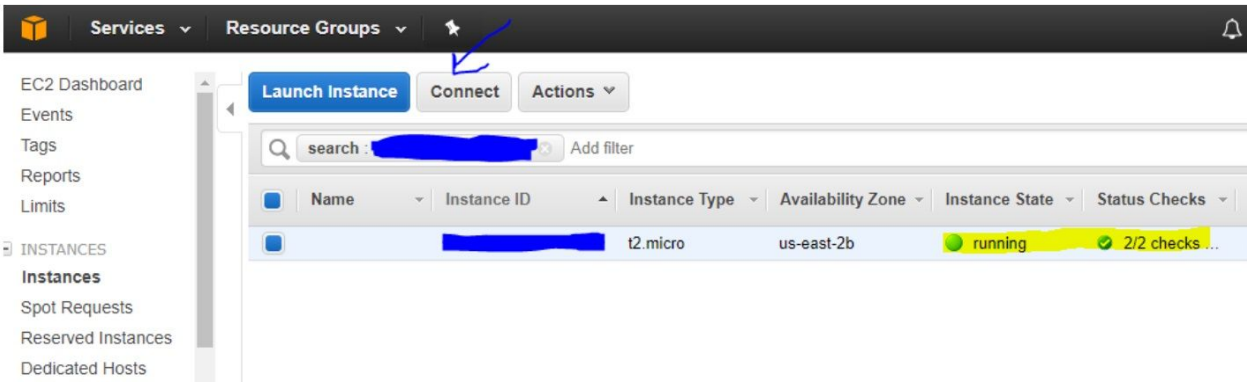
10. Create a new key pair and give it a name.



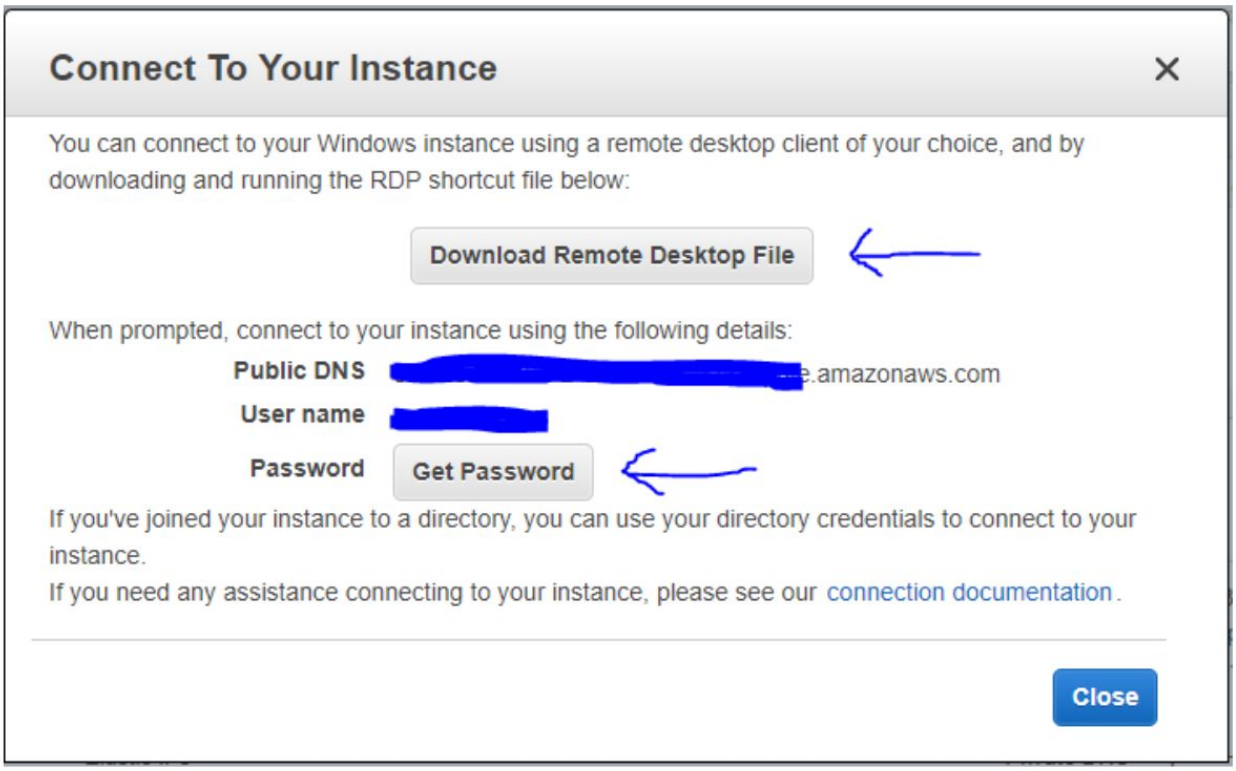
11. Download the pem file and take note of where it is downloaded.
12. Launch the instance.
13. Click on the link to your instance to return to the dashboard.



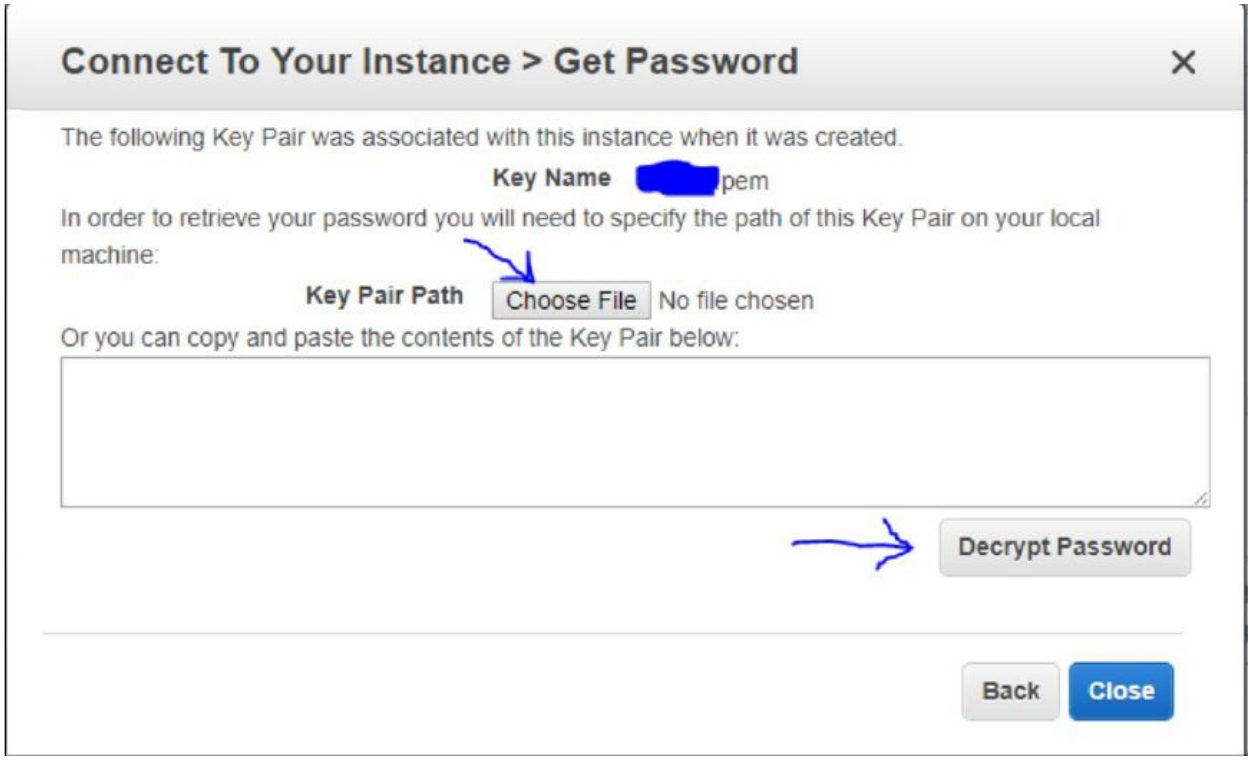
14. Once it is initialized, click *Connect*



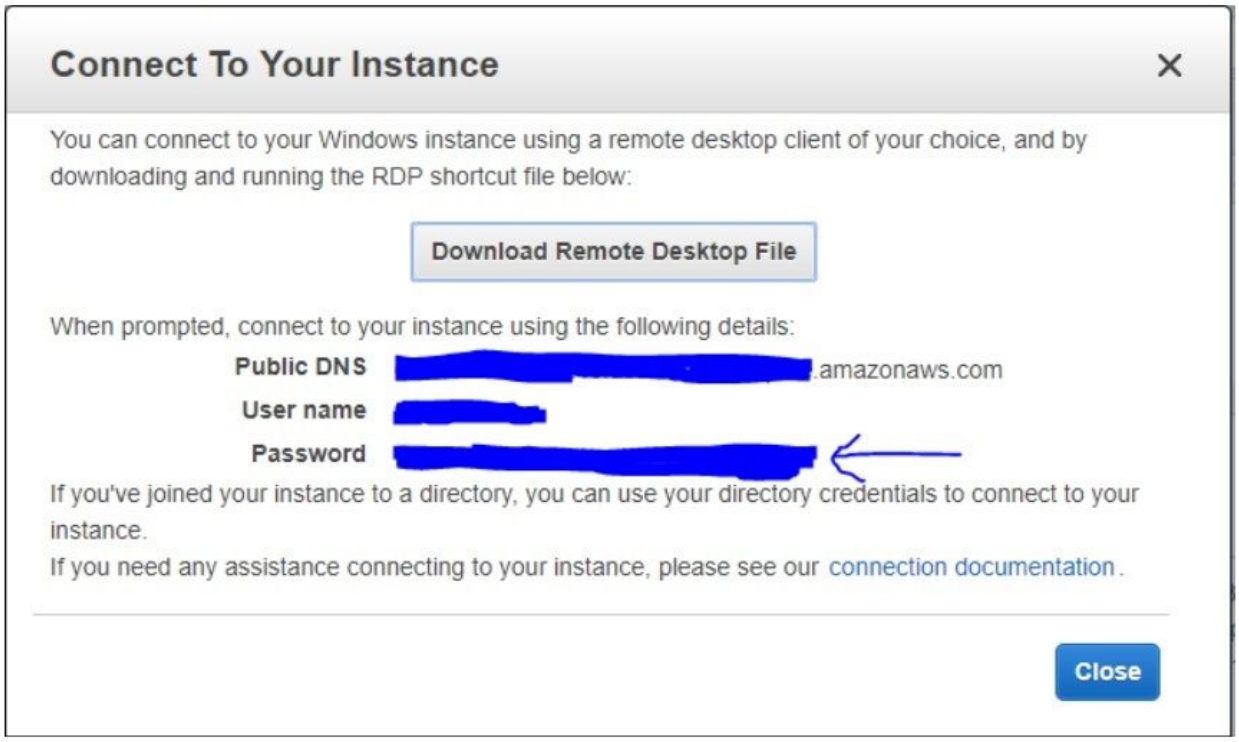
15. Download the Remote Desktop File
16. Click *Get Password*



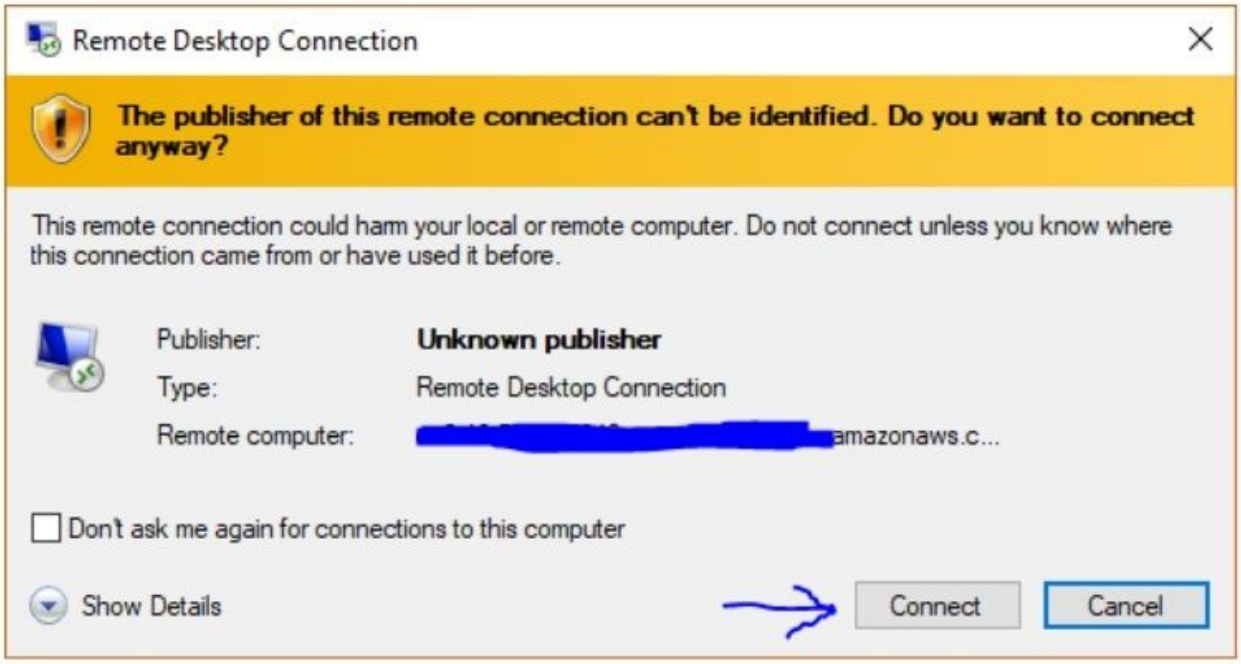
17. Select the pem file from step 11 and click *Decrypt Password*



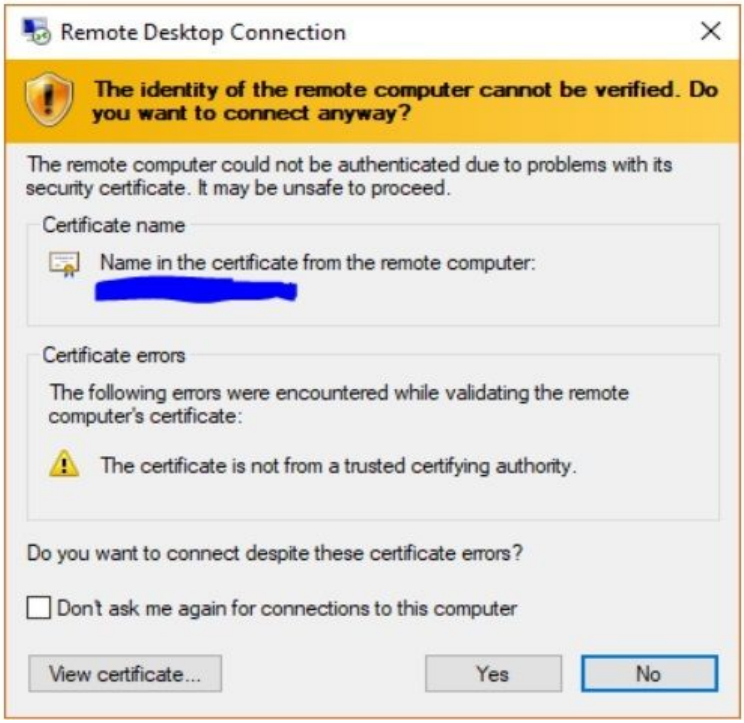
18. Highlight and copy the generated password



19. Open Remote Desktop File from step 16
20. Disregard the security warning and click *Connect.*

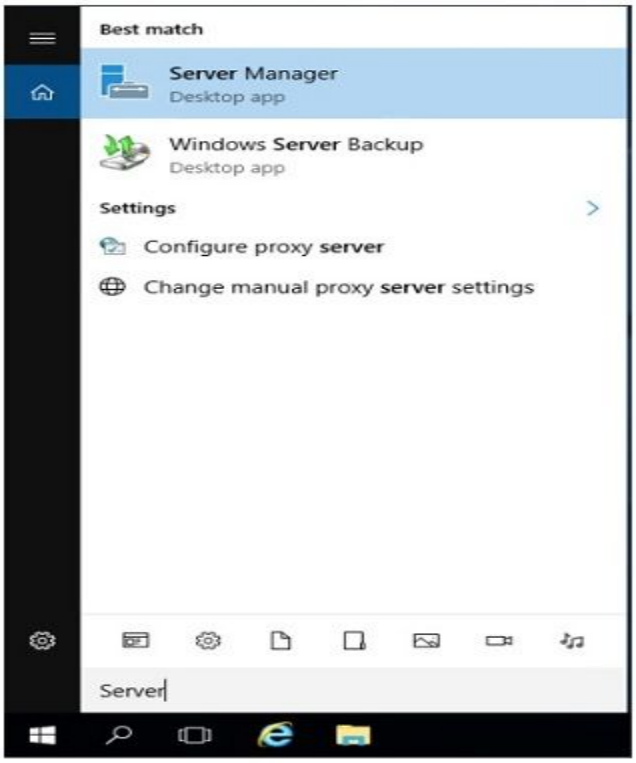


21. Paste the password copied in step 18. (Optional) Remember me, and then click *OK.*
22. Disregard the security warning and click Yes

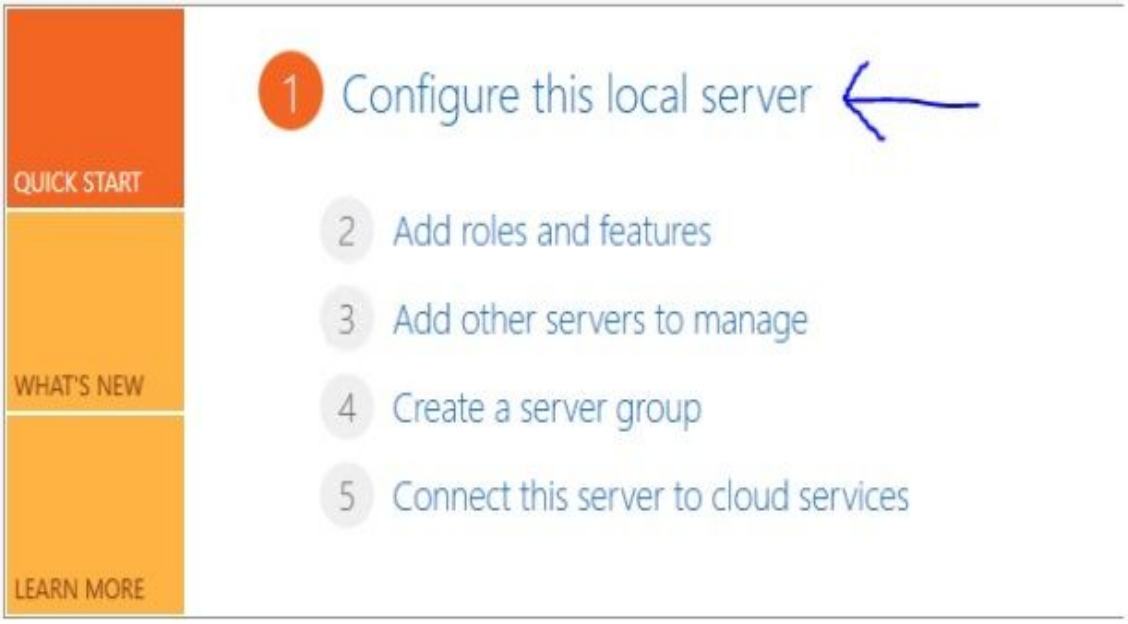


23. Once logged in, we'll need to disable the IE Enhanced Security configuration and install the Deviant Core wallet.

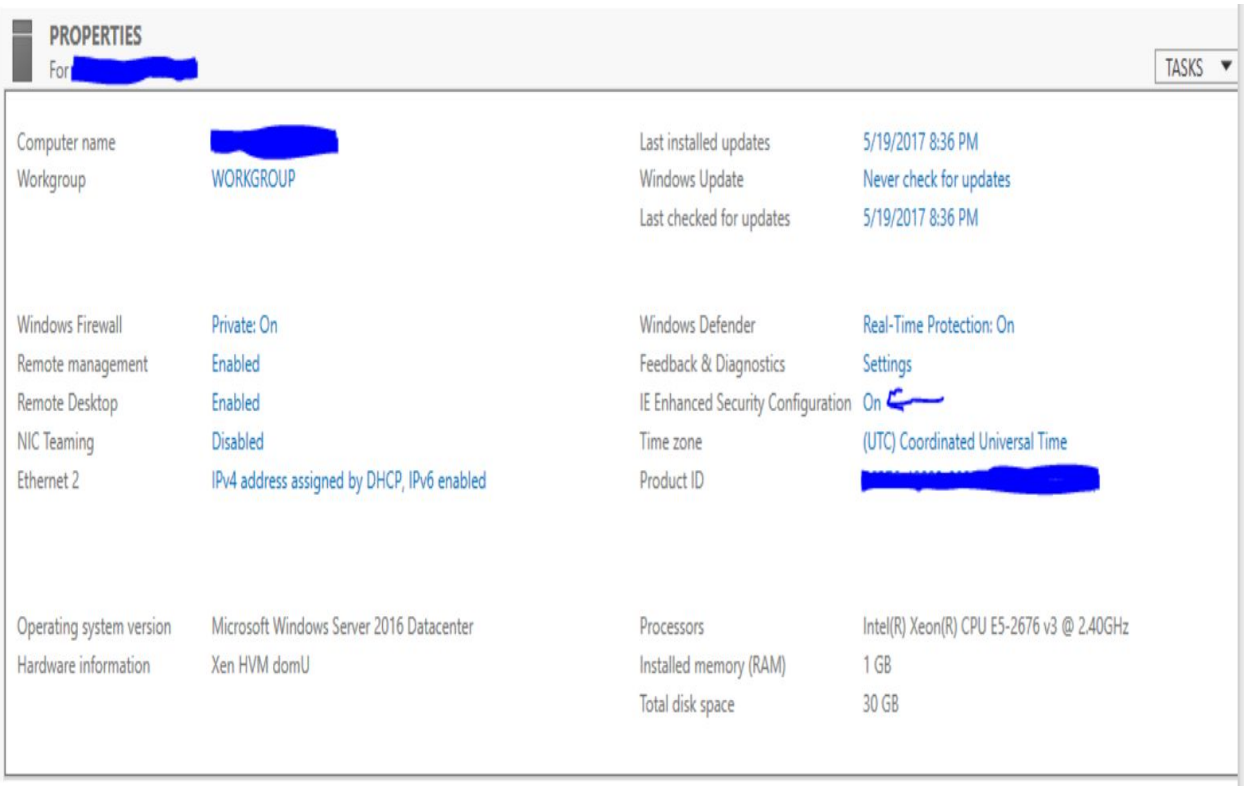
1. From the Windows search icon, search and open Server Manager



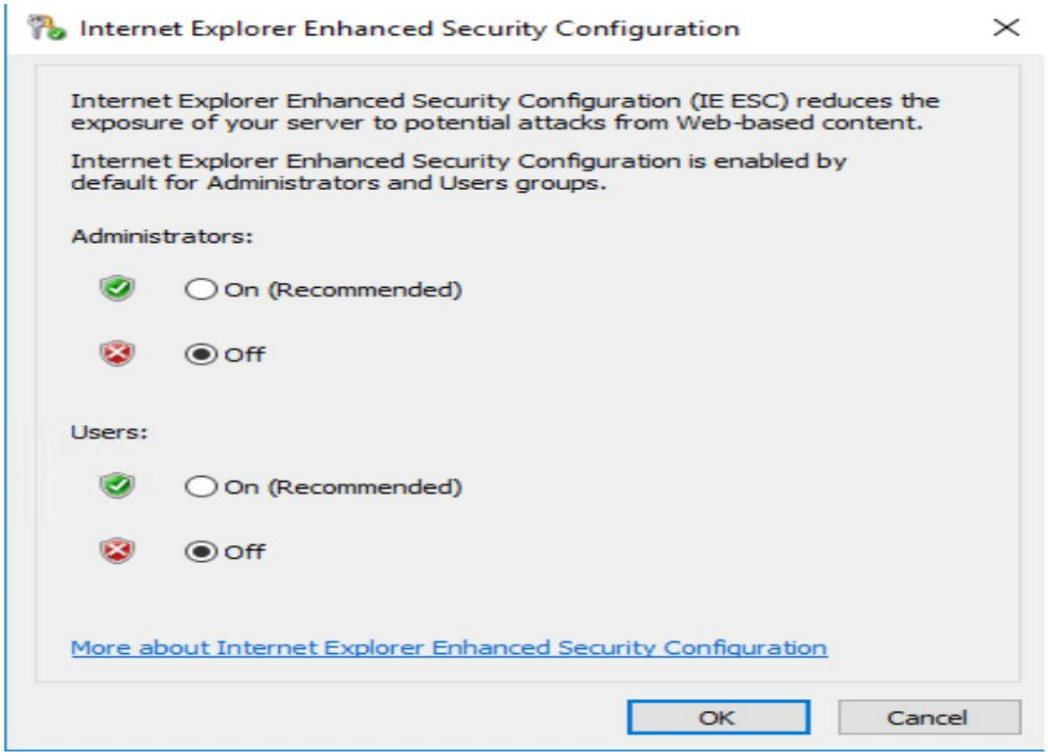
2. Click *Configure this Local Server*



3. Open *IE Enhanced Security Configuration* by clicking *On*



4. Set both to *Off* and click *OK*



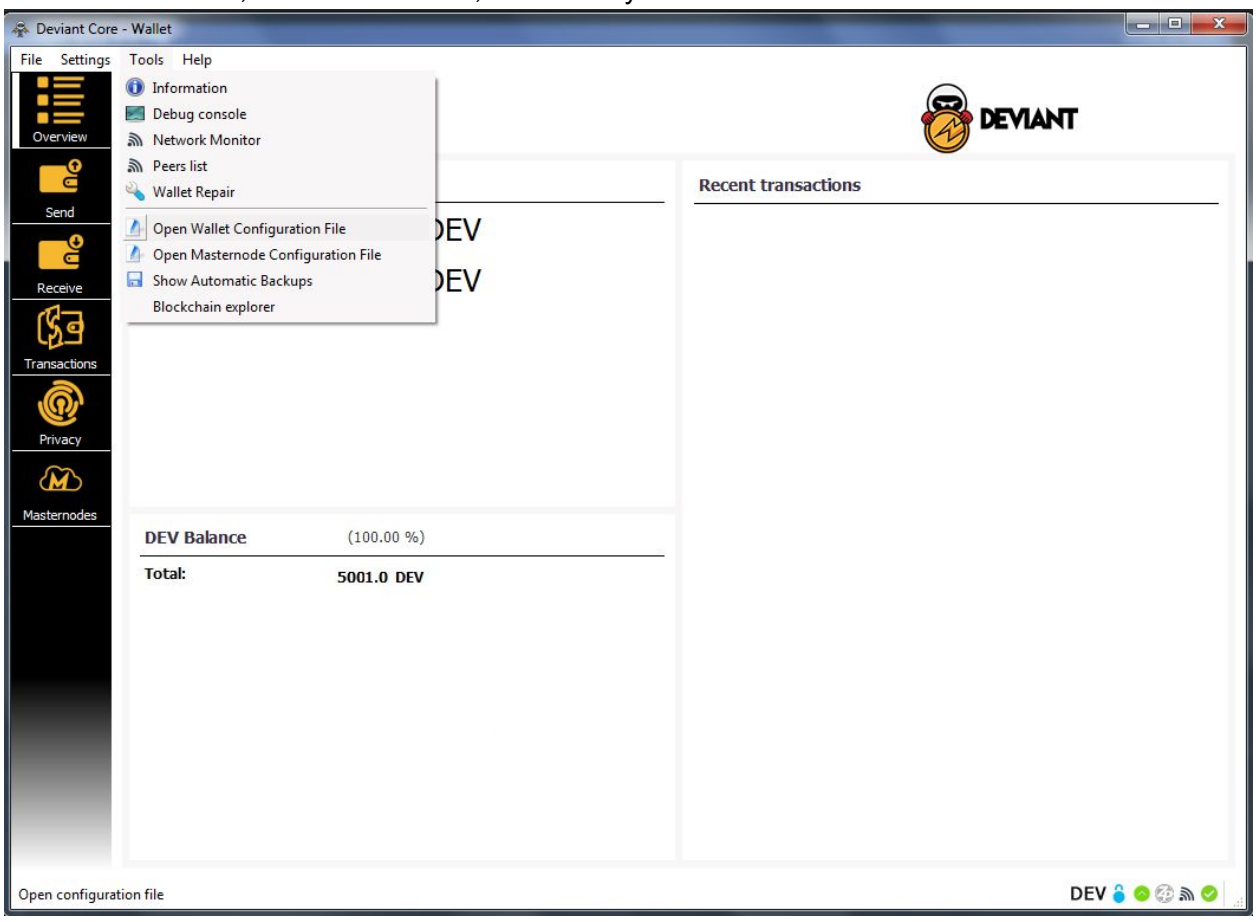
5. Close out of Server Manager

Cold & Hot Wallet Set Up

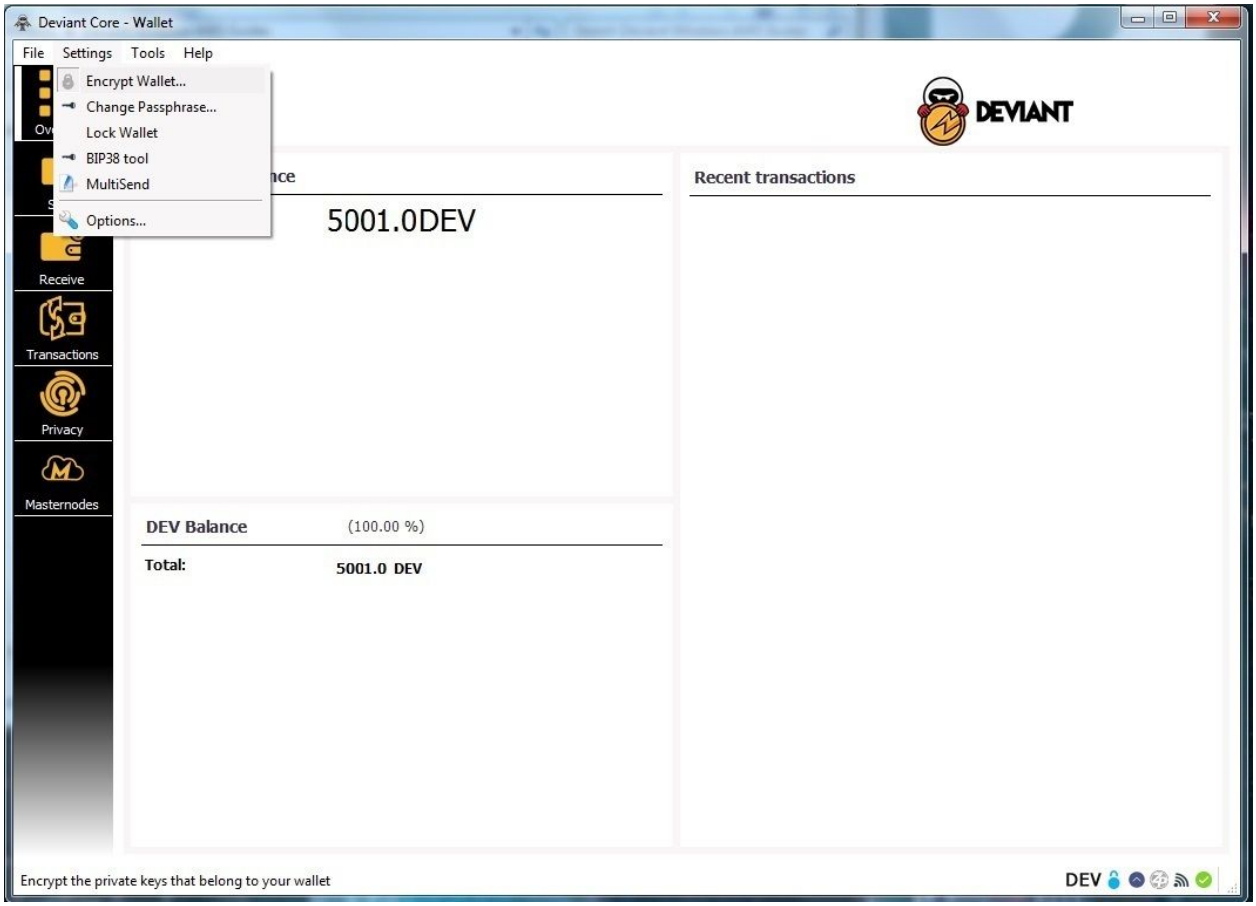
The following can be used to set up a Masternode locally on a desktop/laptop. It is the advised method of setting up a Masternode for security reasons. Otherwise, these same steps can be followed to set one up on a VPS.

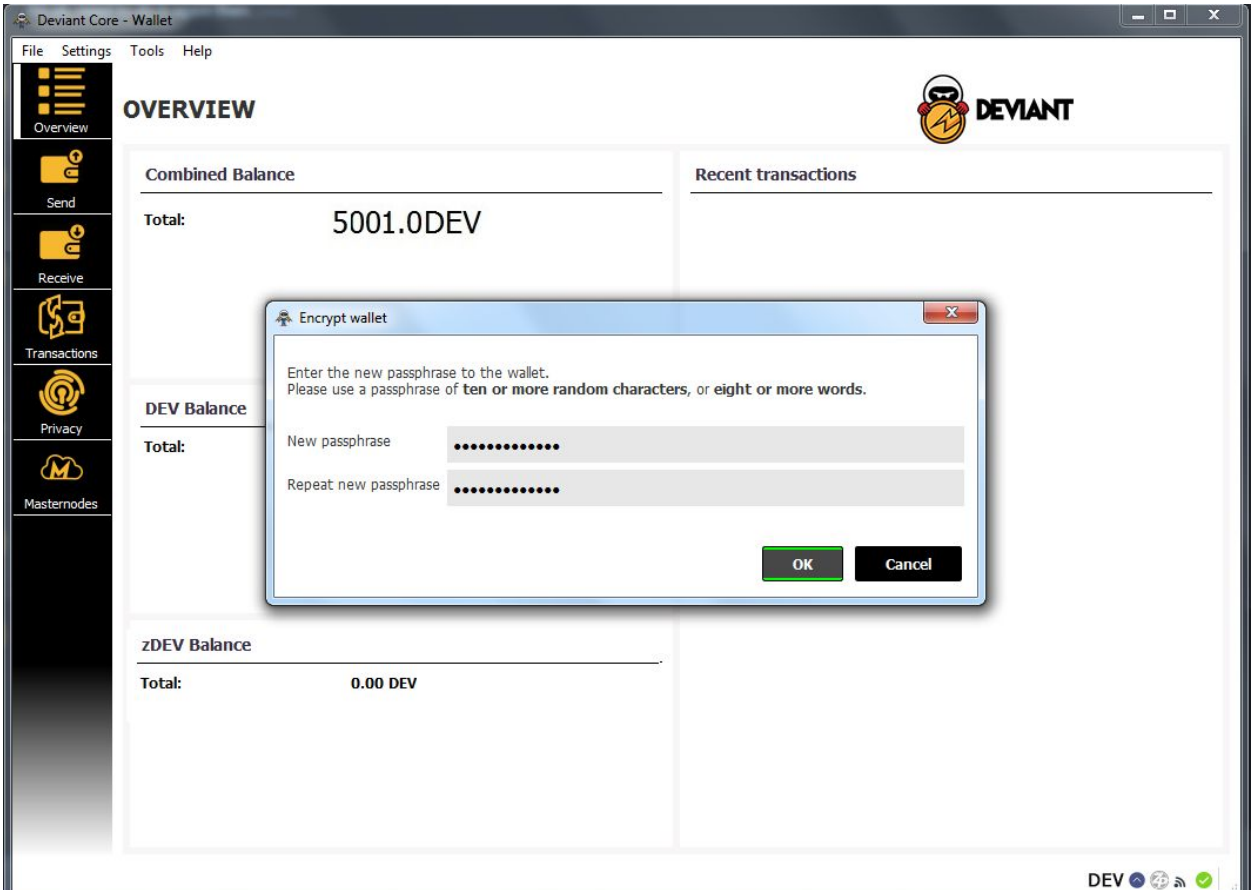
Wallet Set Up

24. Go to https://github.com/Deviantcoin/Source/releases/ - download and install the latest Windows wallet for your OS and copy the Node List located below them. (**Note:** an explorer other than IE must be used as IE has dropped support for Github as of July 2019).
25. Then, open your wallet, hit the *Tools* tab, then *Open Wallet Configuration File* button, paste the Nodes in there, save and close it, and close your wallet.

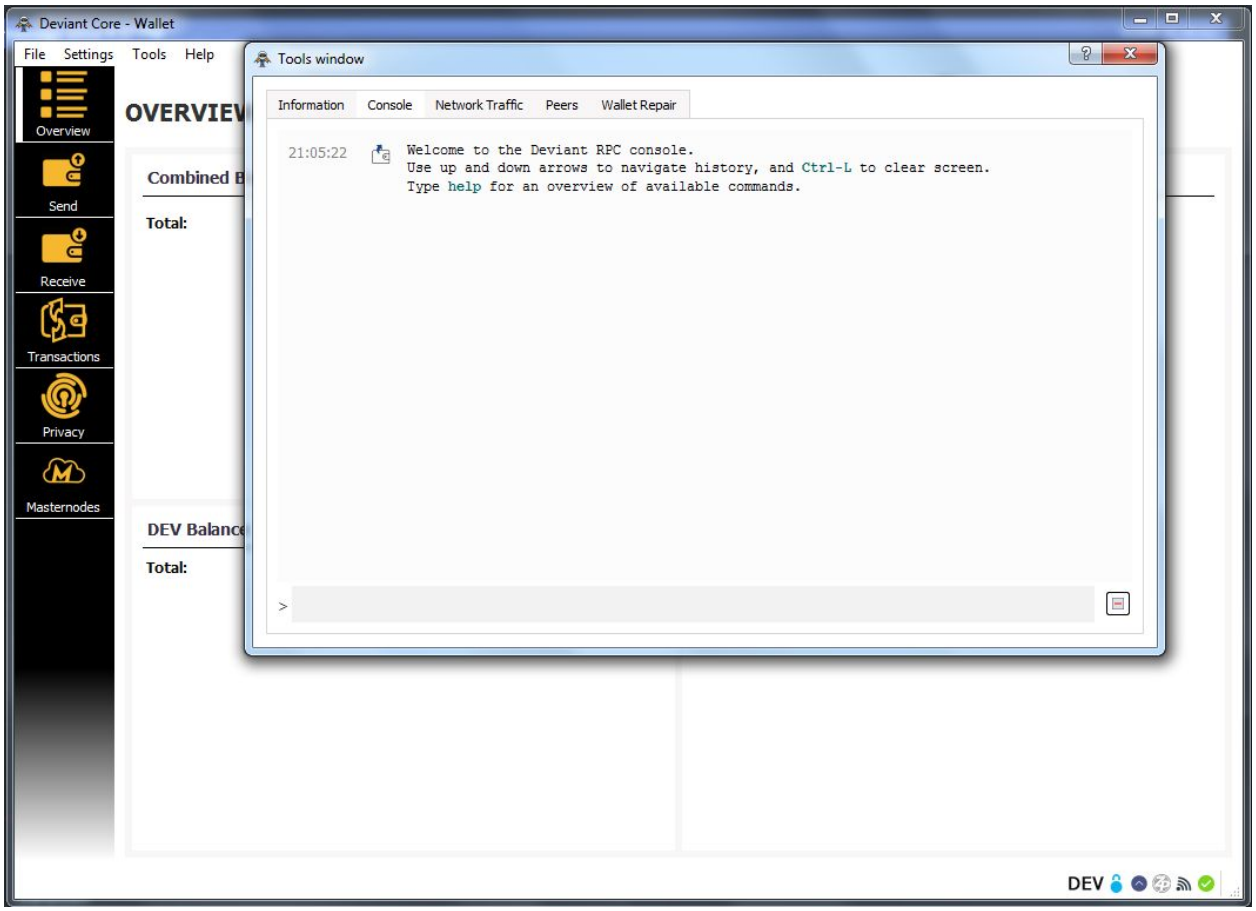


26. From the Windows search bar, search *Windows Firewall with Advanced Settings* then click on it.
27. Create **Inbound and Outbound** firewall rules to allow traffic through port **22618** by clicking *New Rule>Port>*typing ***22618*** for *Specific local ports>Allow the Connection>Next>*Naming the rule, and clicking *Finish.*
28. Open your wallet. While it syncs, click on *Settings*, *Encrypt wallet*, make a strong password, then close and restart the wallet.


Deviant Core - Wallet
File
Settings
Tools
Help
Encrypt Wallet...
Change Passphrase...
Lock Wallet
BIP38 tool
MultiSend
Options...
DEVIANT
Receive
Transactions
Privacy
Masternodes
5001.0DEV
Recent transactions
DEV Balance
(100.00 %)
Total:
5001.0 DEV
Encrypt the private keys that belong to your wallet
DEV


Deviant Core - Wallet
File
Settings
Tools
Help
Overview
Send
Receive
Transactions
Privacy
Masternodes
OVERVIEW
DEVIANT
Combined Balance
Total:
5001.0DEV
Recent transactions
Encrypt wallet
Enter the new passphrase to the wallet.
Please use a passphrase of ten or more random characters, or eight or more words.
New passphrase
Repeat new passphrase
OK
Cancel
DEV Balance
Total:
zDEV Balance
Total:
0.00 DEV
DEV

Once the wallet is done syncing, click *Tools>Debug console* and the Console will come up.

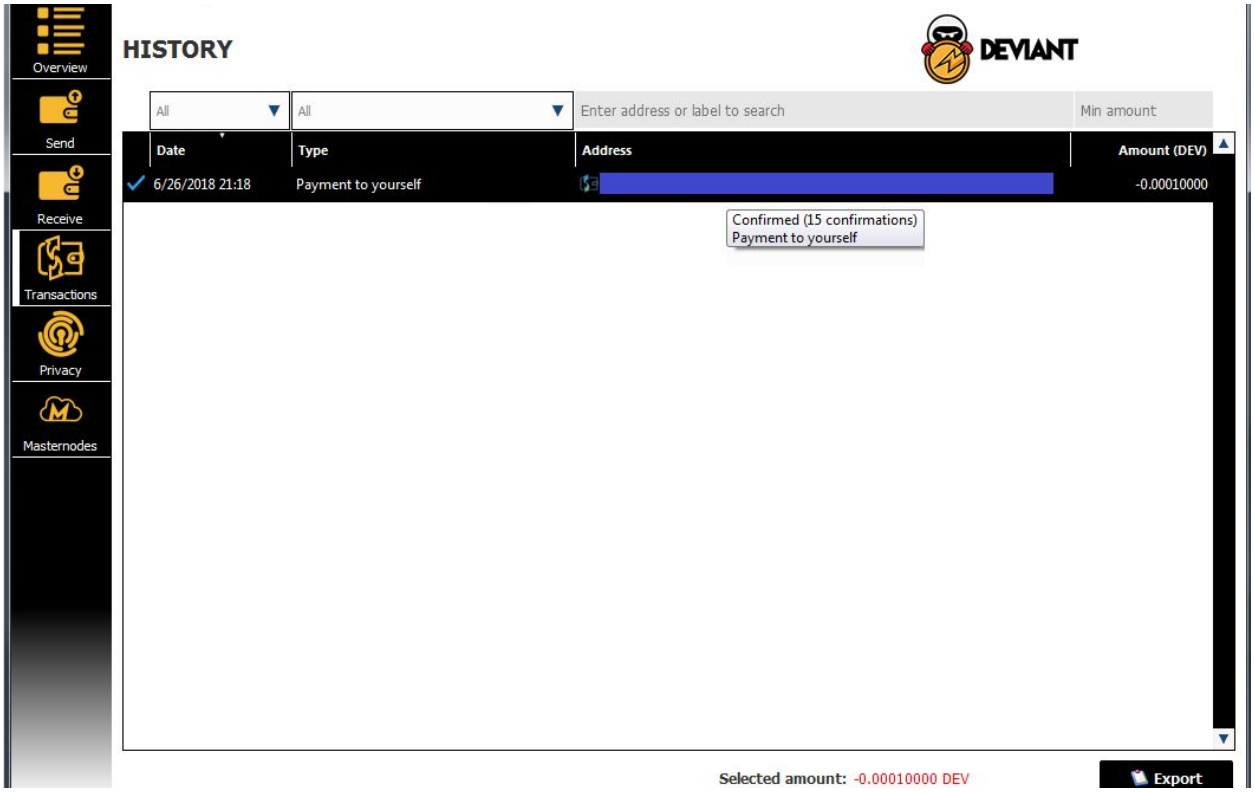


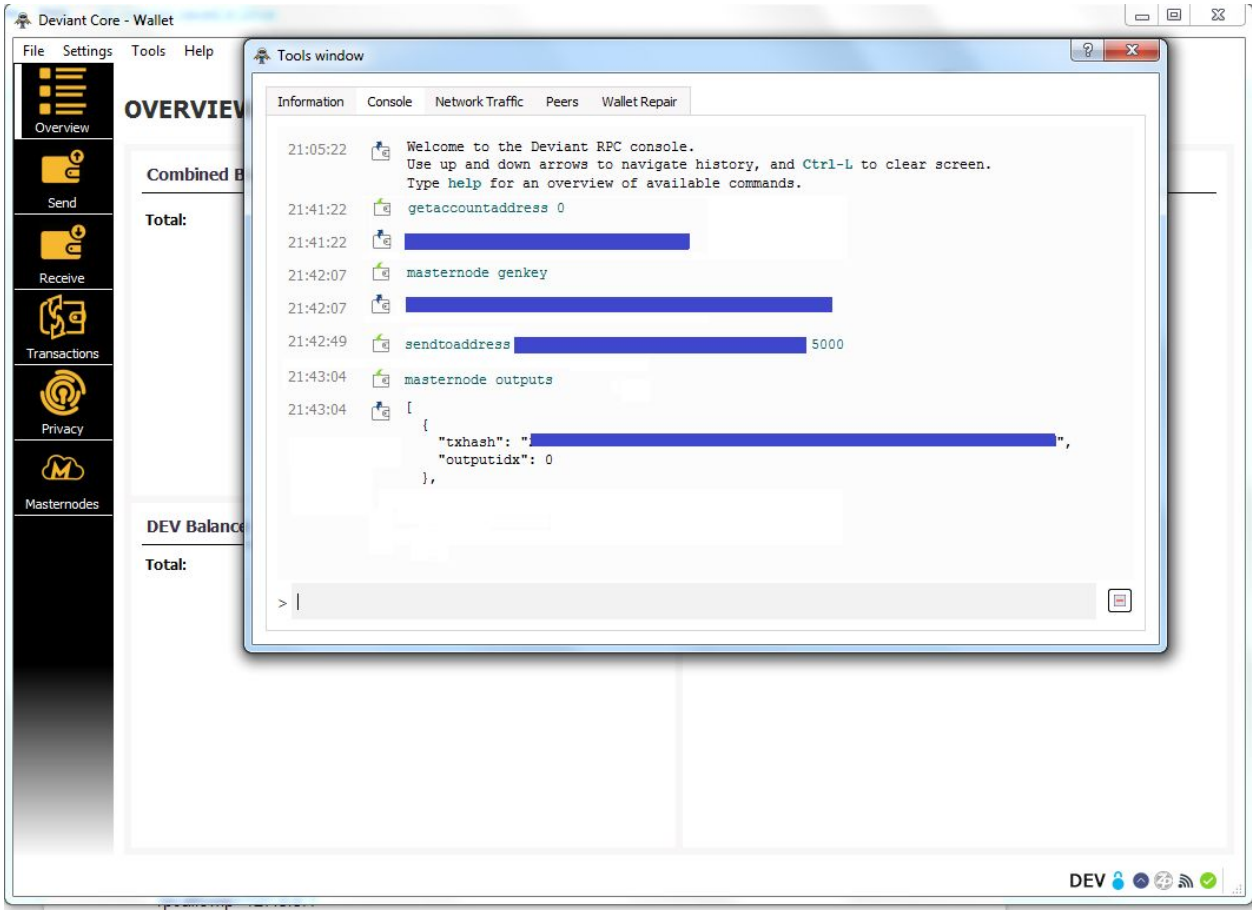
Masternode Setup

29. In the command prompt, enter *getaccountaddress 0.* This address will now show up in the Receive tab and will be your designated MN address. You can rename it if desired or generate more till you get one you like, then proceed.
30. Then, type *sendtoaddress* <insert address from step 30> 5000. The fee should automatically be deducted from your extra DEV and a transaction hash will show up.
31. Type *masternode genkey* to obtain your private key. **Do not share this key with anyone. Be sure to keep it in a safe place. Anyone who retrieves it, gains or is given access to it may put your DEV in jeopardy. Stay vigilant.**
32. While waiting for the transaction to hit 15 confirmations, click on *Tools*, *Open Wallet Configuration File*, paste the following in there, then save and close the file.

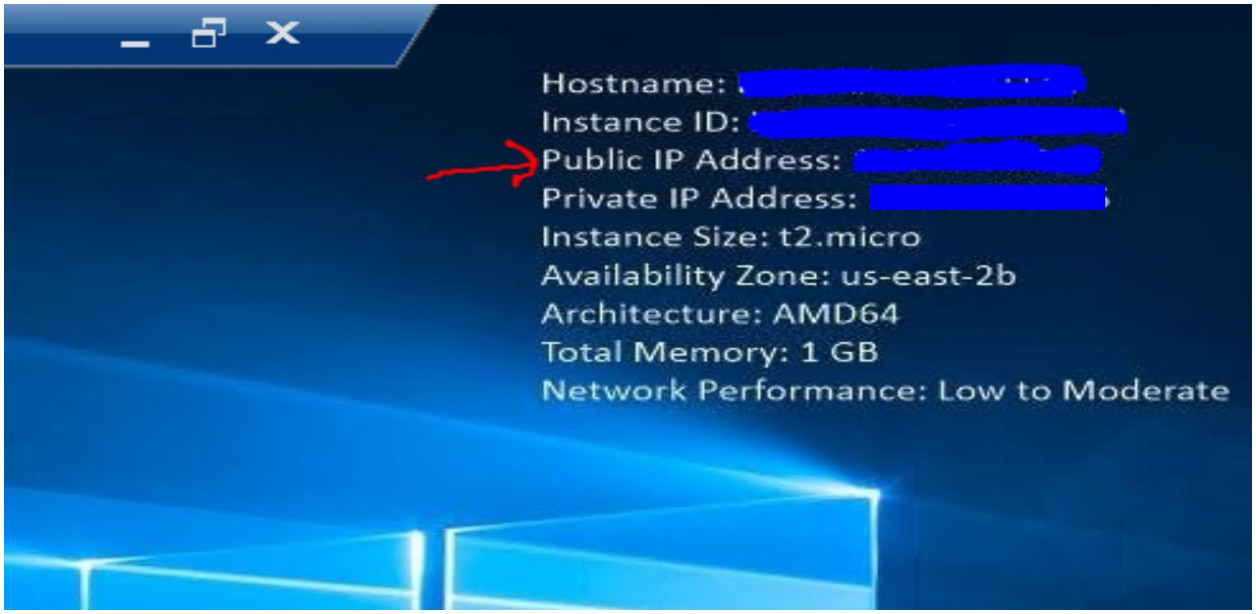
masternode=1
masternodeprivkey=<paste your private key here>
rpcuser=user
rpcpassword=<create a password>
rpcallowip=127.0.0.1
daemon=1
server=1
listen=1
port=22618
rpcport=22617
printtoconsole=1
shrinkdebuglog=1
logtimestamps=1

33. Check to see that your transaction has at least 15 confirmations in the *Transactions* tab, then go back to the Debug console and type in the “masternode outputs” command. Your wallet and console should look like the images below.



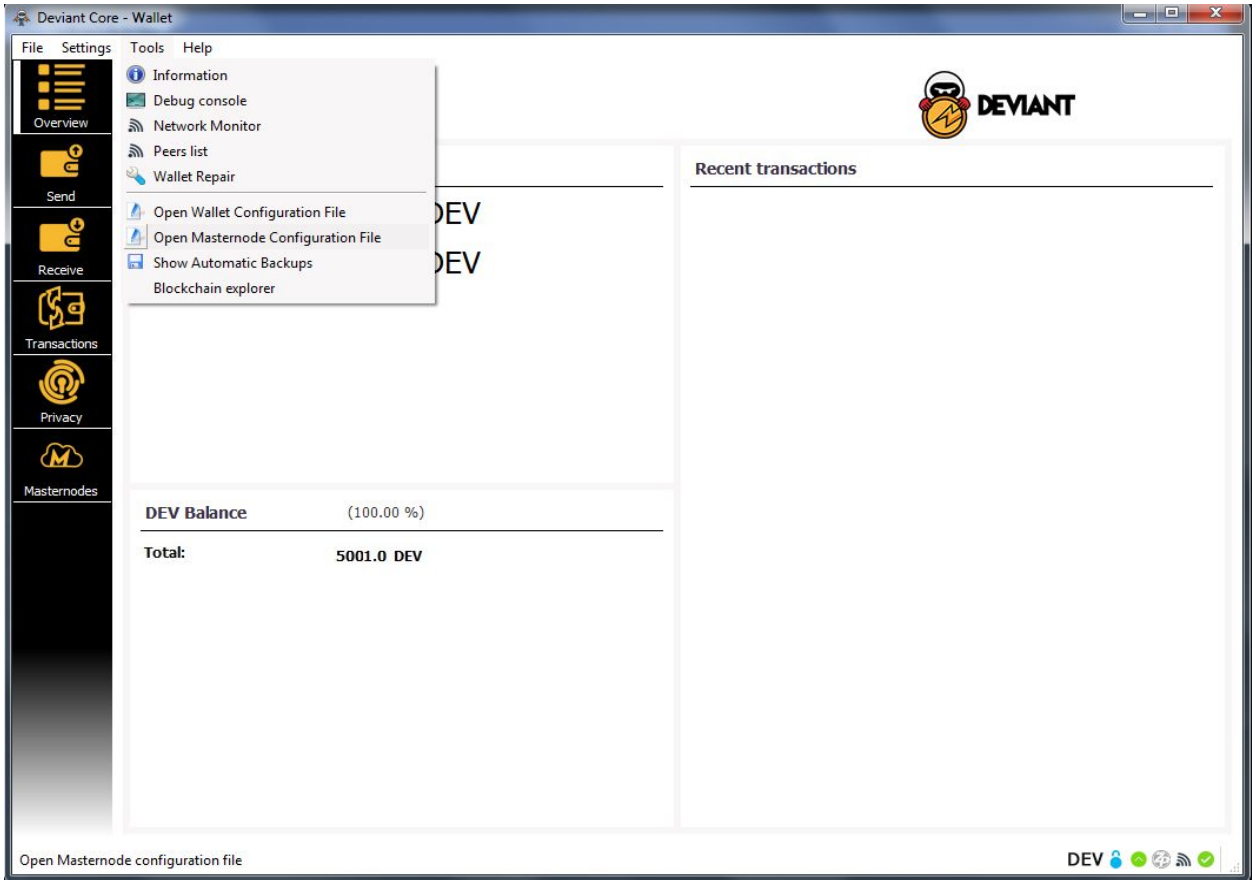


34. Extract the public IP address from your VPS.

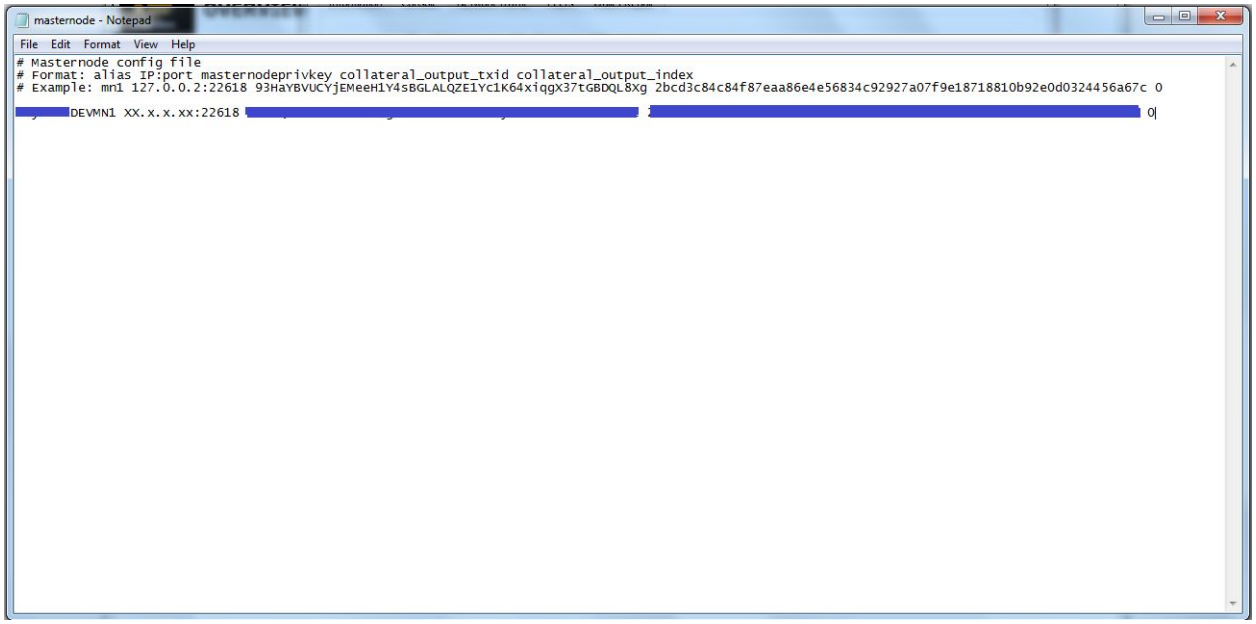


You should have everything needed to put together your Deviant Masternode now.

35. Click on *Tools*, then *Open Masternode Configuration File*.

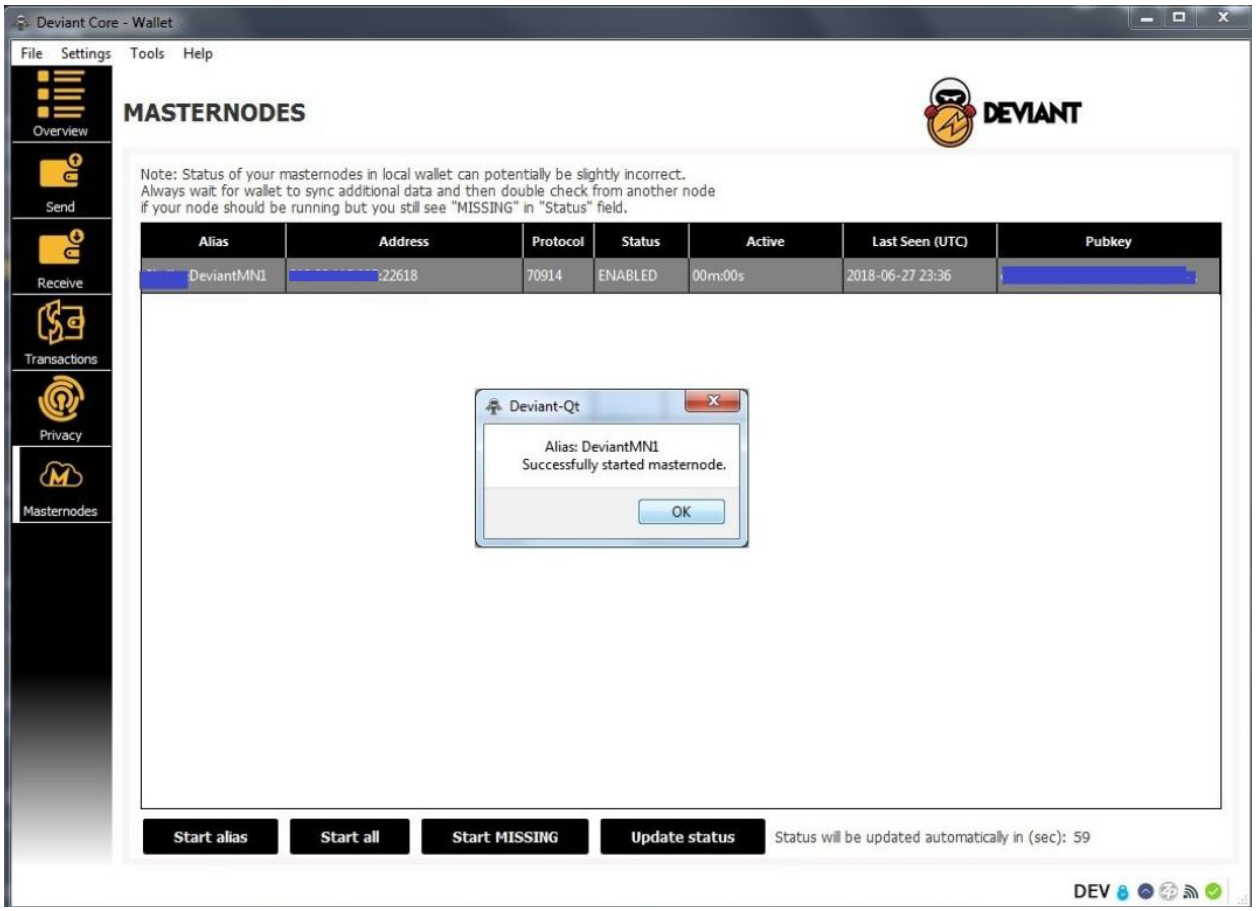


36. Enter in the information you've gathered from the debug console and the public IP address from the VPS in the format shown below (alias ip:port privatekey txid output), then save, and close the file.



37. Close and restart the Deviant wallet.

38. If your masternode.conf is configured correctly, you should see your MN show up in the *Masternodes* tab.
39. Unlock your wallet, click on your node then hit *Start Alias*, and it should start successfully. To be sure, check its status on the Masternode explorer.



If you found this guide helpful, a donation would be appreciated:
(DEV): dKD652g8kcmxWHb4E8o9WngKDjBD1kyt5h
(BTC): 1AcfK9us25migAj53AyRapieouUS1uTckG