



Protocol

20/10/2019

- Created Lightning BTC address and transferred 0.04 Testnet BTC
 - Played around with RPC object data structure
 - Started re-reading literature (see MS1 outline) in depth
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17/10/2019

- Installed autopilot plugin. Same error with connection refused. See **Agenda**
 - FIXED CONNECTION REFUSED
 - 1) Run lightningd --network=testnet --log-level=debug --rpc-file /home/utz/.lightning/lightning-rpc
 - 2) Run Python client, with LightningRPC constructor taking above path as argument
 - Created outline and added it to git along with protocol
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16/10/2019

- Copied Overleaf Template & Initialized Project
- Ran into problem with Bitcoin Core Wallet, where payments from the faucet aren't received.

Likely an error on the faucet website's end. However: "Warning: unknown new rules activated" (qt). *Non-critical so far.*
- PyLightning Troubleshooting: Maybe NAT? Probably not.
<https://github.com/ElementsProject/lightning/issues/1210#issuecomment-372740147>

- Replied to GitHub issue, waiting for answer:
<https://github.com/ElementsProject/lightning/issues/3086#issue-497142178>
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15/10/2019

- Got lightningd to run on testnet:

```
1) bitcoind -daemon -testnet -rpcport=8332 -datadir=/media/utz/Data/Bitcoin/Core  
(GUI: bitcoin-qt -testnet -rpcport=8332 -datadir=/media/utz/Data/Bitcoin/Core &)  
  
2) lightningd --network=testnet --log-level=debug
```

- Ran into problems calling RPC interface from Python. See [connectivitytest.py](#) in git
<https://github.com/ElementsProject/lightning/issues?utf8=✓&q=refused> for possible solutions
- <https://github.com/lightningd/plugins> for lightning plugins