



# BTC LIGHTNING NODE ROUTING OPTIMIZATION



# Kako začeti?

## ■ Izbira pravih peerov za odprtje kanalov

- *Ranking na Lightning Labs Terminalu* (<https://terminal.lightning.engineering/#/>)
- *Availibility na 1ML* (<https://1ml.com> )
- *Doda veliko k centralitiy-ju* (<https://lnnodeinsight.com/#> , <https://gridflare.xyz/explore/search> , <https://www.moneni.com/>)
- *Zmerni feeji na AMBOSS* (<https://amboss.space/> )

## ■ Izbira prave velikosti kanalov

## ■ Izbira pravih fee-jev

## ■ Kakšne začetne feeje izbrati

# Kako upravljati node?

## ■ Kako ugotoviti kateri channel je dober?

- *Veliko prometa (inbound/outbound) (bos peers --fee-days 30 )*
- *Ali dober channel tisti, ki je popolnoma balansiran?*

## ■ Ali slabe kanale zapirati?

## ■ Kako uravnovežiti inbound in outbound Total Capacity

- *Loop-out/in(<https://github.com/lightninglabs/loop> ) , LN Big(<https://lnbig.com/#/> ), Lightning network plus <https://lightningnetwork.plus/>*

## ■ Ali je kanale potrebno rebalansirati?

- *<https://github.com/C-Otto/rebalance-lnd>*
- *(<https://www.youtube.com/watch?v=0r3Th42zfDk> )*
- *Take sats from channels where you charge low fees to channels with high fees, where the difference should be higher than rebalance cost*

# Kako doseči raven profitabilnosti?

- 2 prevladujoča modela
  - *Pasivni*
  - *Aktivni*
- Feeji pri Lightningu zelo nizki, zato pomembno imeti nadzor nad stroški
  - *Odpiranje kanalov* <https://mempool.space/>
  - *Loop out*
  - *Izbor pravih kanalov za rebalansiranje*
- Pregled prihodkov in stroškov

```
bos chart-fees-earned --days 31
```

```
bos chart-fees-paid --days 31
```

```
bos chart-fees-paid --rebalances --days 31
```

```
bos chart-chain-fees --days 31
```