



penDEX
Unstoppable P2P Trading

#hcpp19

2019-10-05

Why?

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We believe Bitcoin is THE answer to give us the permissionless, unstoppable sound money we are all longing for.



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PROBLEM SOLVED!

#BitcoinFixesThis

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- Because vast majority of trading on centralized exchanges
- Good solution for some, **not a good solution for all**



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- Published a Bitcoin Wallet on GitHub? **#OUT**



Unfortunately not a joke

46. However, firms should note that 5AMLD will be transposed into UK law by 10 January 2020 to introduce AML requirements to certain cryptoasset activities. The Government has announced that in the UK they will go beyond the scope of 5AMLD which proposes to extend AML/CTF regulation to entities carrying out the following activities:

- the publication of open-source software (which includes, but is not limited to, non-custodian wallet software and other types of cryptoasset related software)

<https://www.fca.org.uk/publication/policy/ps19-22.pdf>

Prison Scene 2020



The problem is simple

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The main counterparty risk you are facing is not from the exchange. It's your government.

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In the golden cage with their government

How did we come to accept this?

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Having to go through de facto banks to trade Bitcoin?

Not sure.. but I'm sure we shouldn't!

How to solve this?

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- Does not have any central points to be censored, regulated or even to be watched
- Without missing the **convenience, speed and liquidity** of the current system



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- One open protocol that covers everyone. Maintained by a community, not a company.



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A community-run, **Open** Decentralized **EX**change protocol

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A community-run, **Open** Decentralized **EX**change protocol
for unstoppable P2P trading.

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- ONE lightning network
- Strong, diverse community, because it doesn't belong to anyone



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One global trading network, one global liquidity pool



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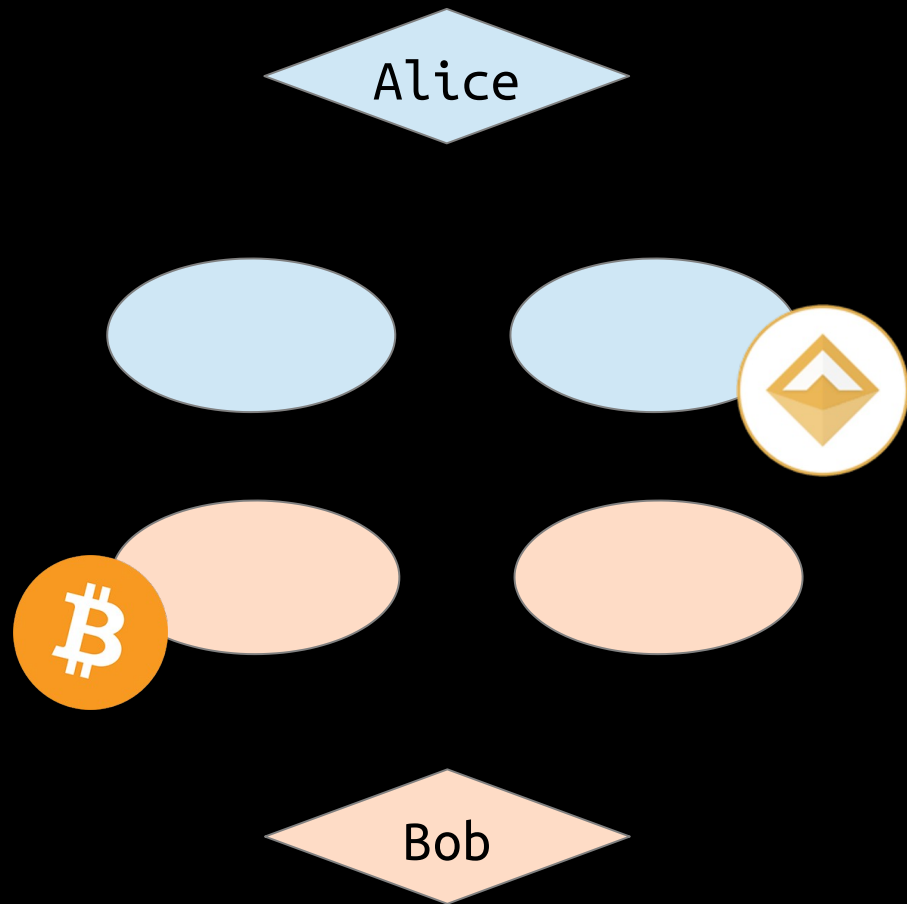


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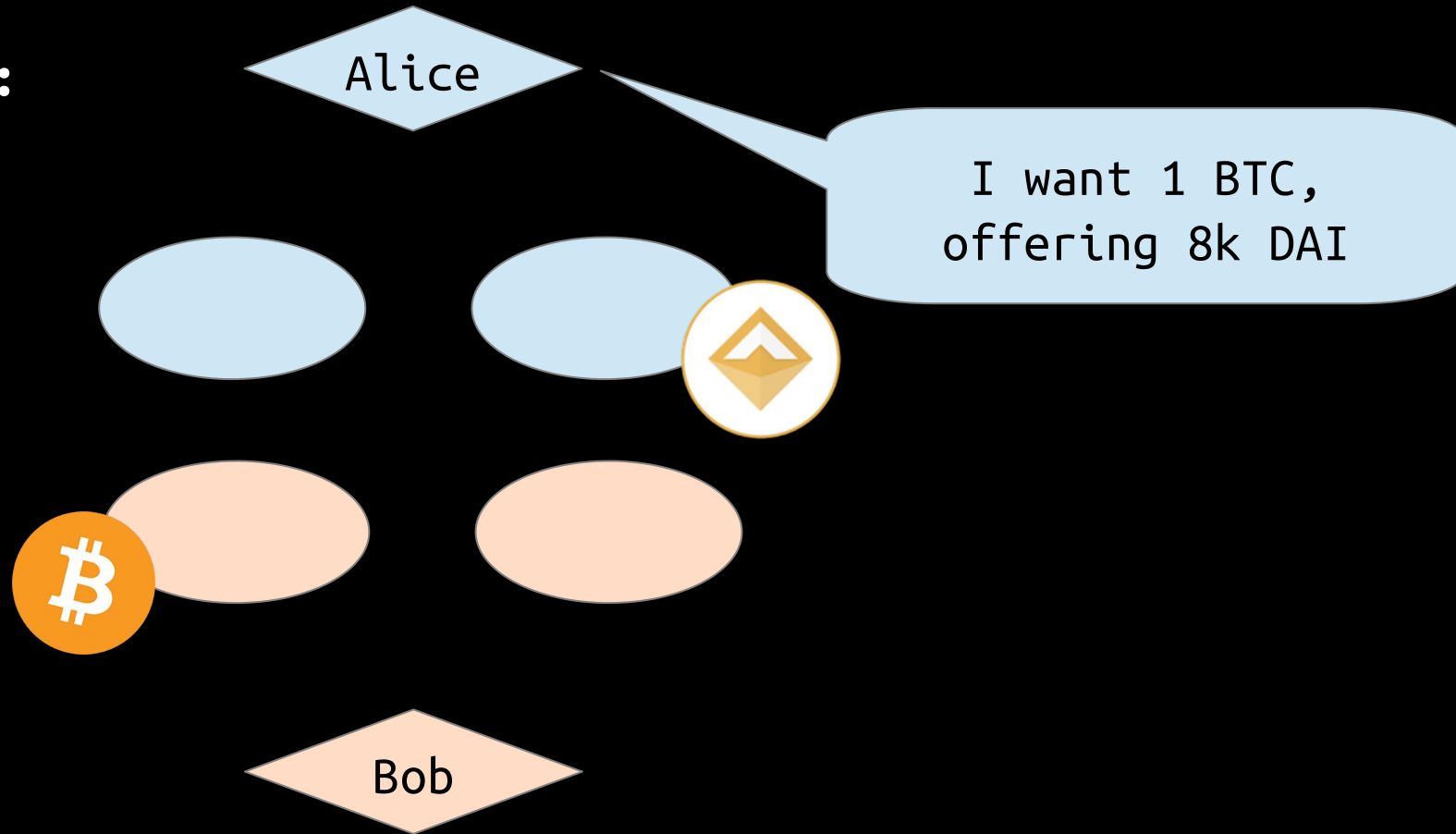
- No central points, no middle man
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- Best practices for client-side checks & building applications with the protocol in general

Here is how it works



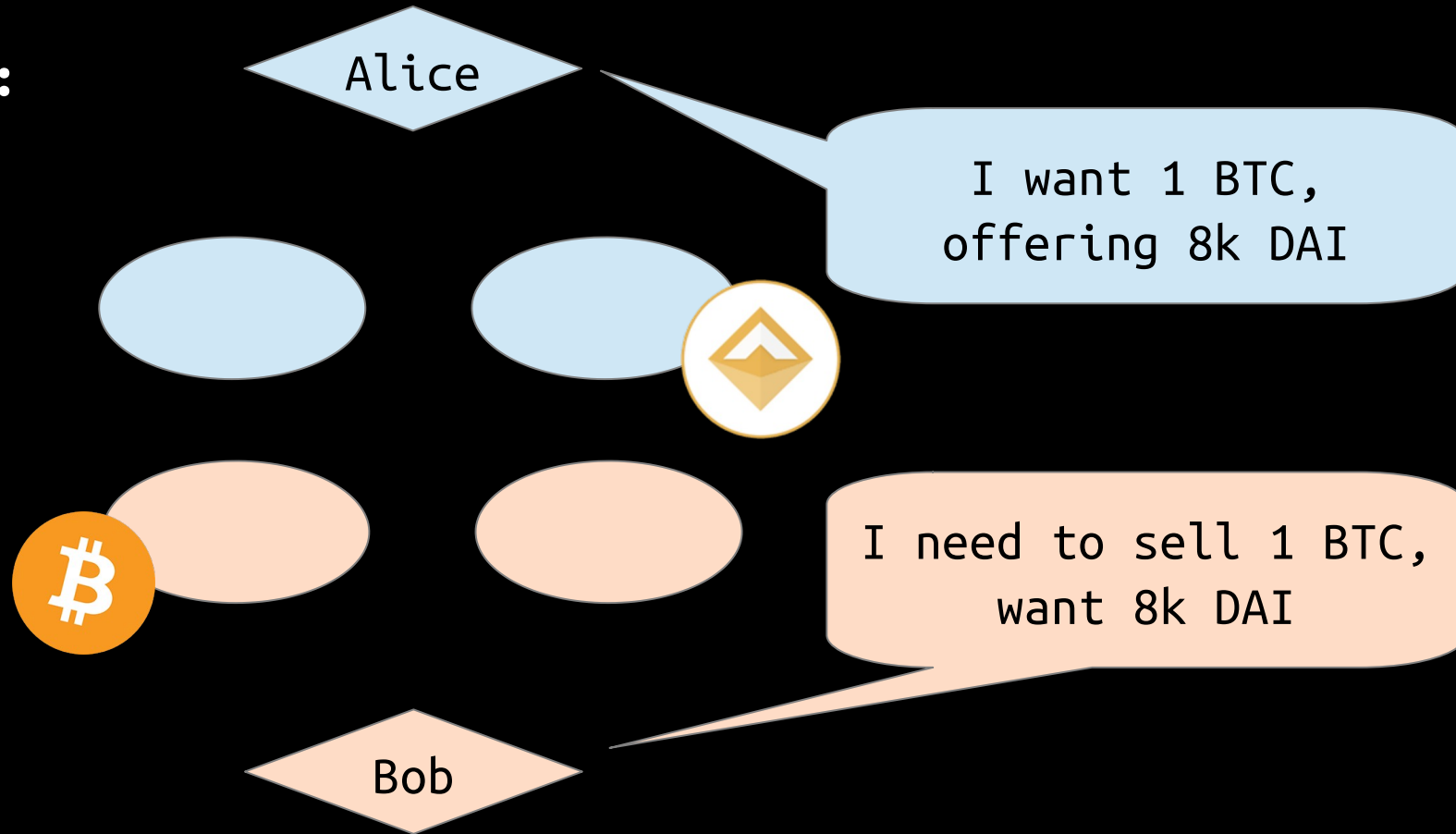
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Step 0:



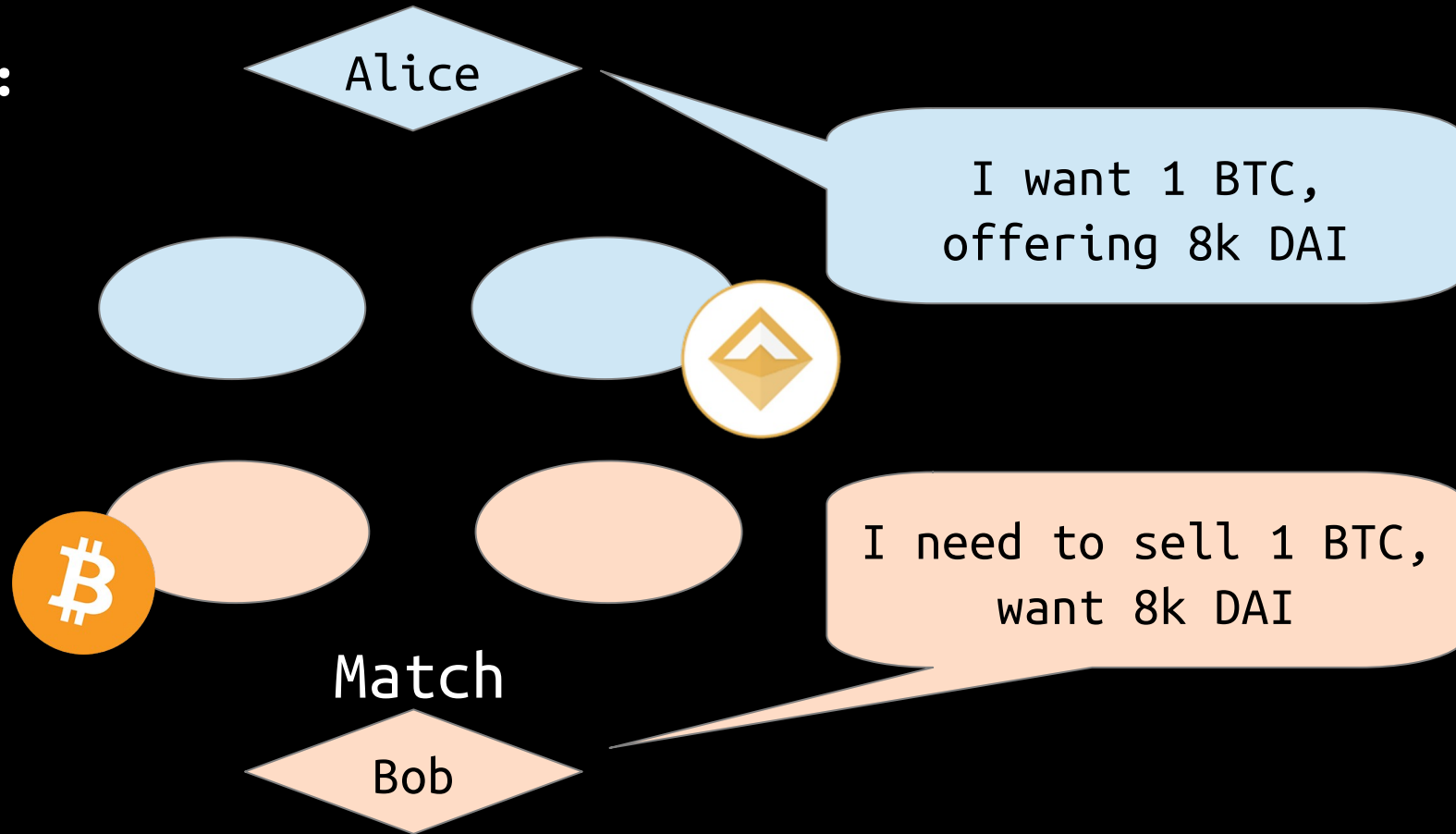
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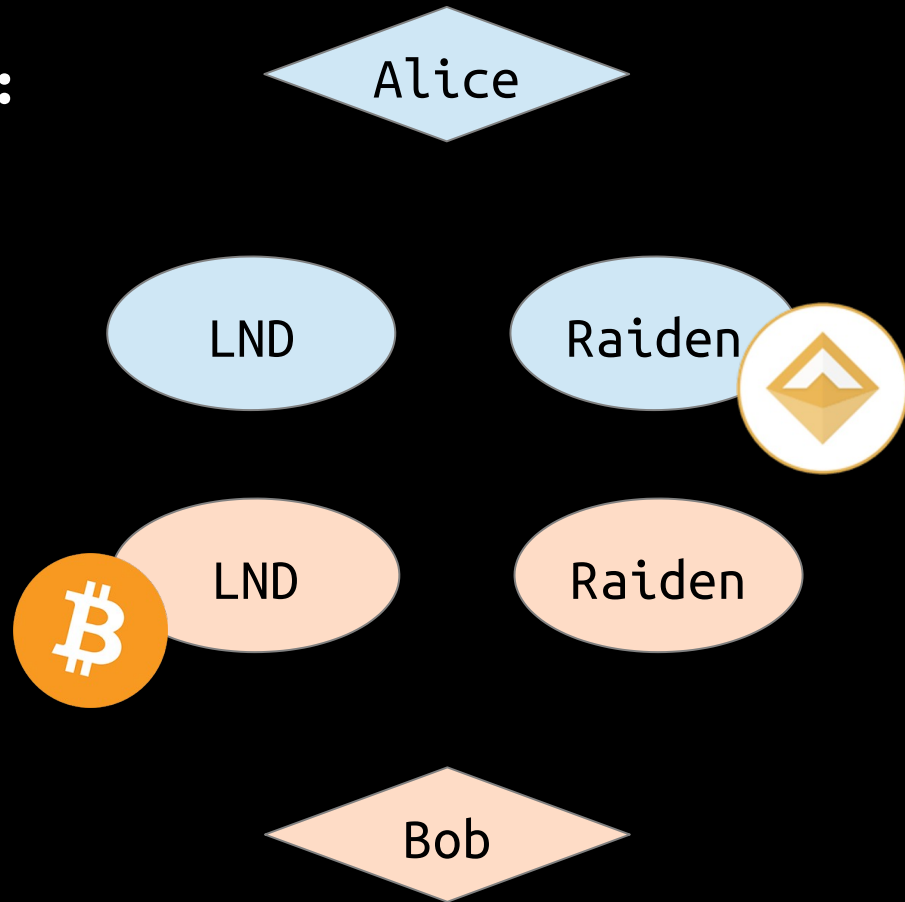
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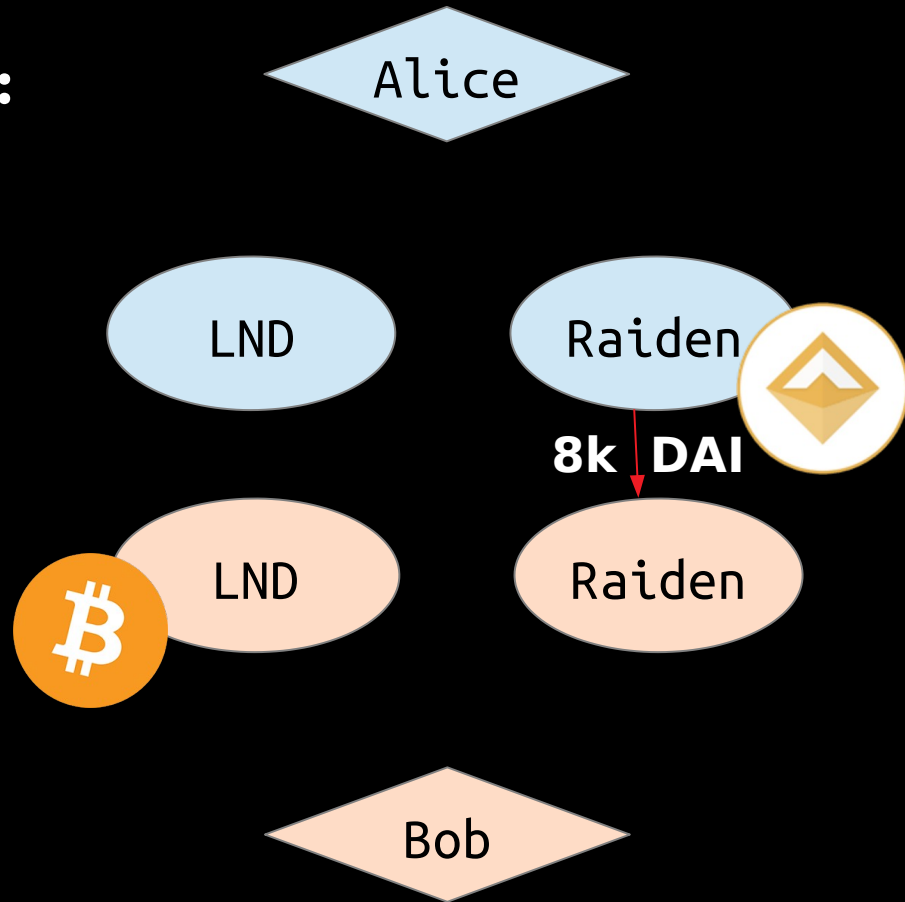
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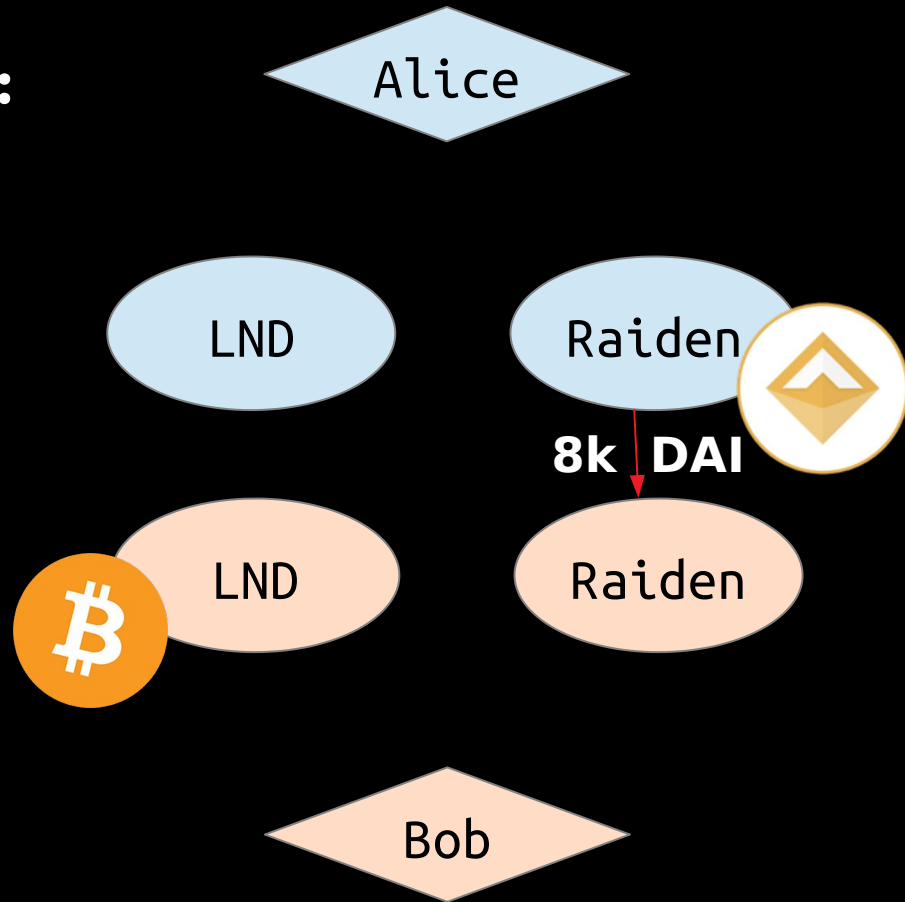
Step 2:



I'll initiate the settlement via an **atomic swap**. I think of a secret and encrypt my DAI payment with it.

Here is how it works

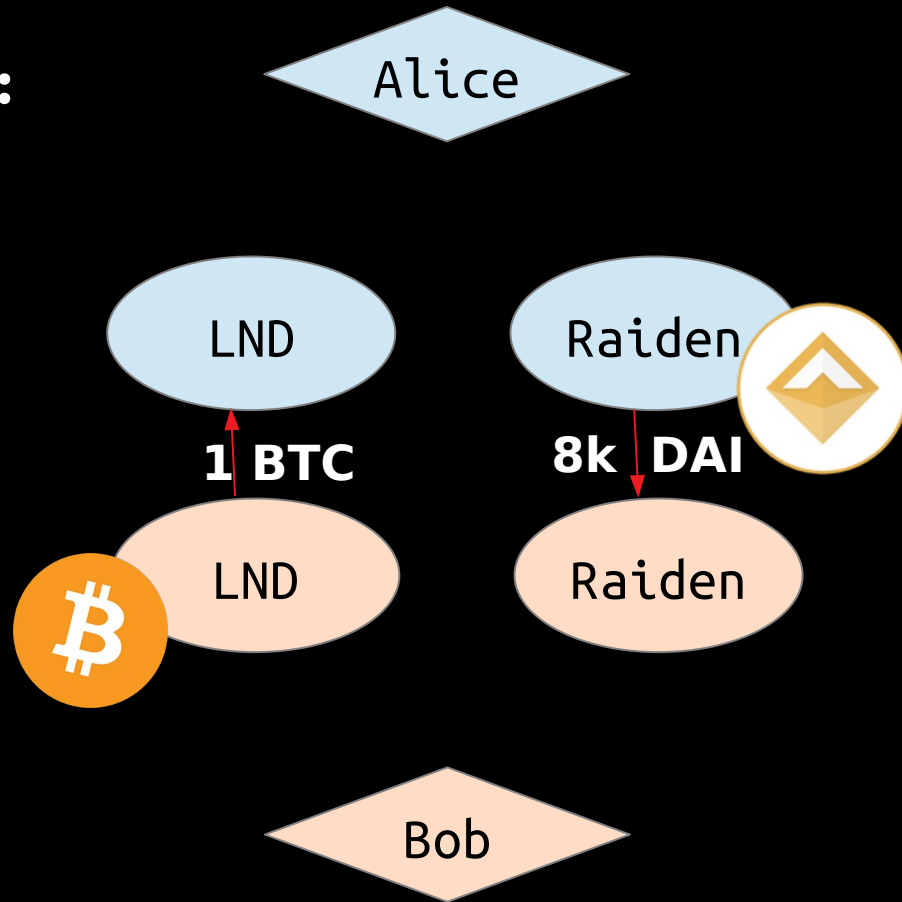
Step 2:



Someone is trying to pay me 8k DAI, but I don't know the secret to decrypt the payment

Here is how it works

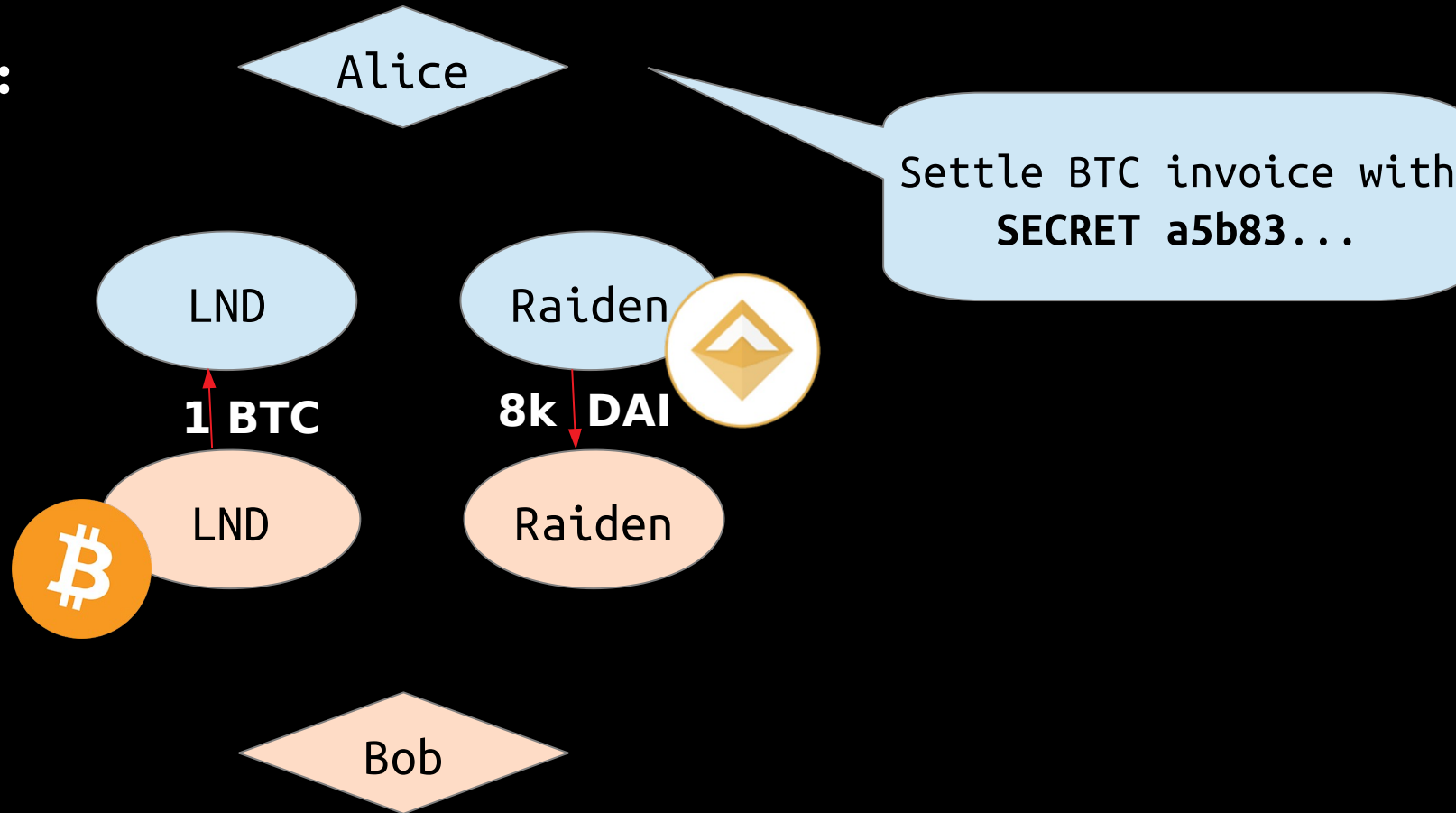
Step 2:



I don't know the secret yet, but Alice will tell me if I send her 1 BTC Which she can only redeem with the missing secret

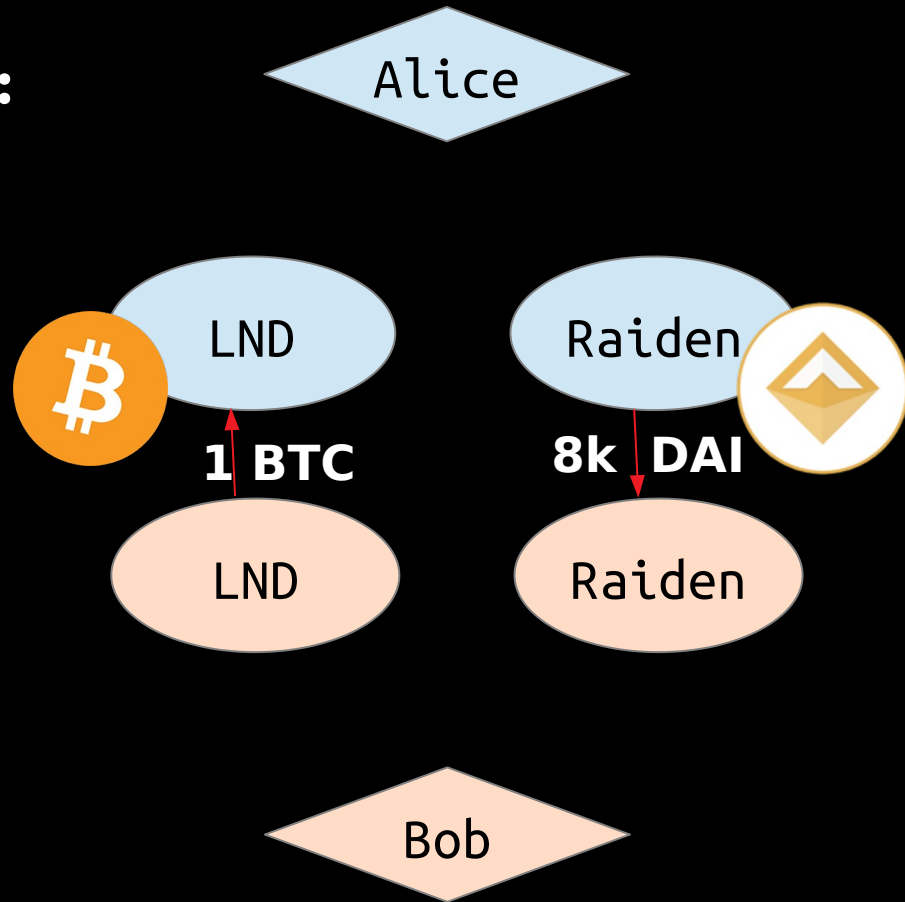
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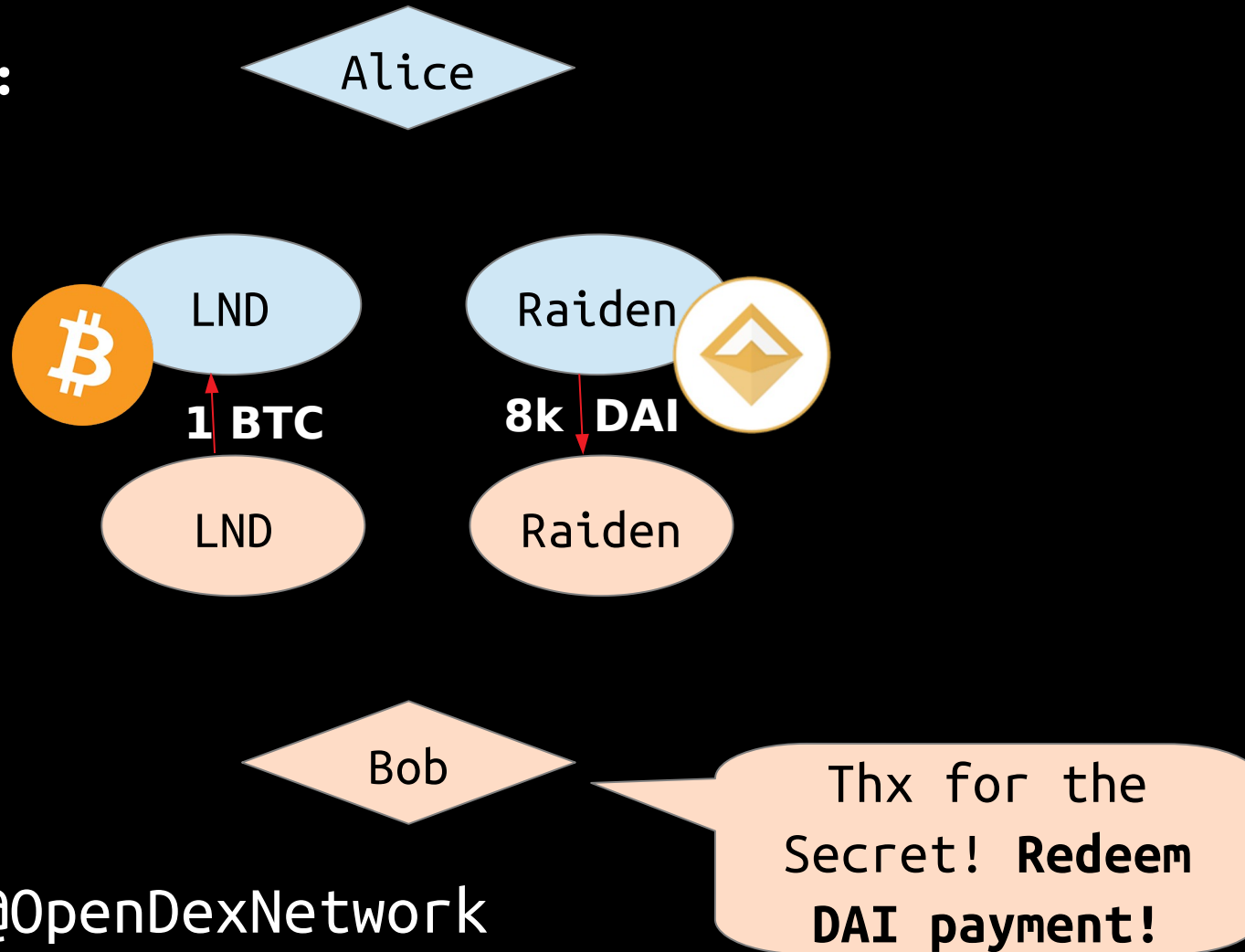
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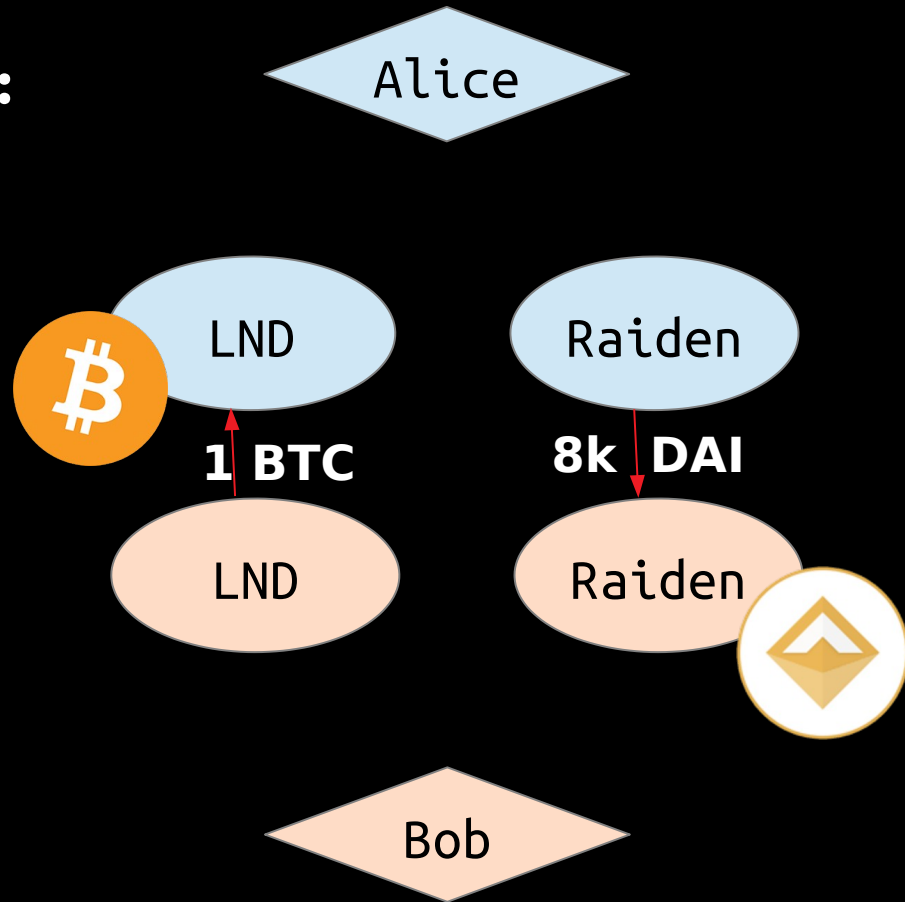
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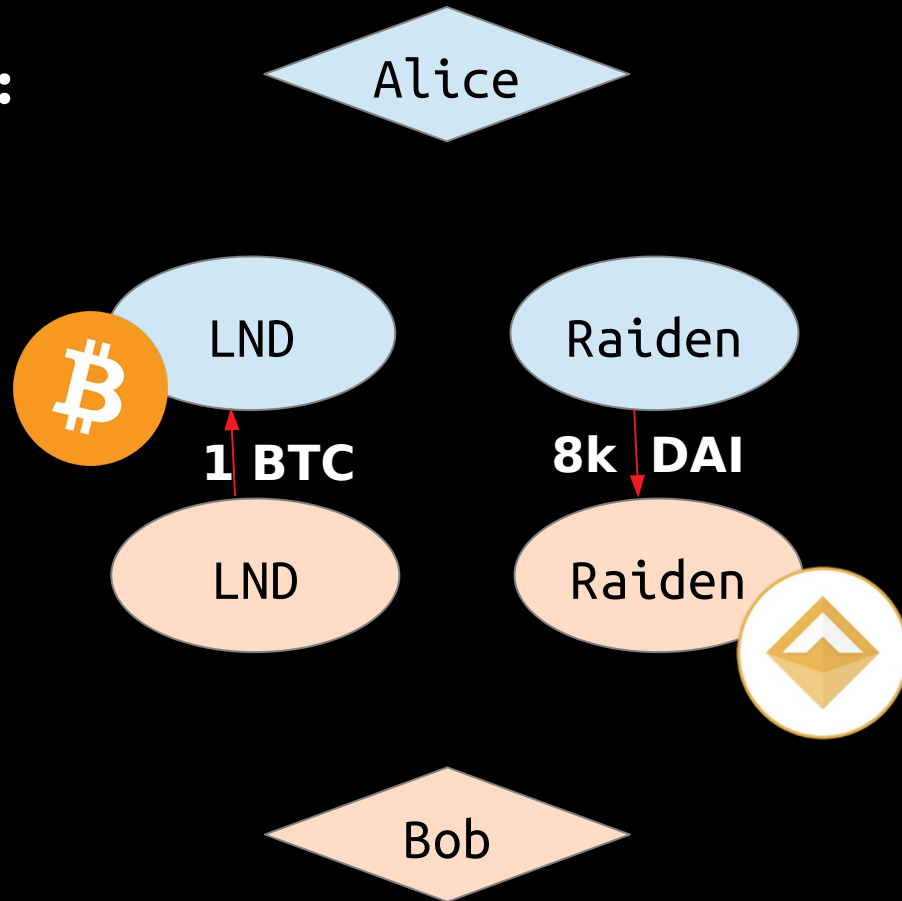
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Secret revealed

BTC Lightning & DAI Raiden payment settled!

Note: This payment can route through any number of intermediary nodes on the Lightning & Raiden network

Daydreams?

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Demo.



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Let's OPT-OUT

- **Opt-out** of centralized trading
- **Opt-out** of KYC
- **Opt-out** of your government determining
 - if you can trade
 - with whom you can trade
 - How much and what you can trade
- **Opt-out** of discrimination



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Let's build a real alternative to centralized exchanges

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HELP needed

- No matter if you are a
 - Developer
 - technical writer
 - trader or
 - community manager

Join us!

- <https://opendex.network>



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