Amos
iDunion

Agenda

Subheadline möglich. Gegebenenfalls löschen.

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02 What is IDunion and blockchain?

03 What is our mission?

04 Our IDunion blockchain dashboard

05 What have been our up and downs?

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Who are the project members?

The team

- Industry partner: Siemens AG, Technology
- Team:
  - Product Owner (PO):
    Anna-Maria, David
  - Software Developer (SD):
    Murali, Julian, Khai, Muhammad
  - Scrum Master (SM):
    Gaurav
- Project language: English
- Core technologies: Python, Javascript, Grafana, Hyperledger, Indy, IDunion blockchain

What is IDunion and blockchain?

A really short introduction to IDunion and blockchain

Blockchain, or Distributed Ledger Technology:

- First steps ~50 years ago with Hash-Trees (Meerkle 1979, D. Chaum 1982, Haber and Stornetta 1991)
- Basically a data-base (of the kind ledger)
- Decentralized, and every node has copy
- Consensus mechanism applied for changes (e.g. proof-of-work, proof-of-sake)

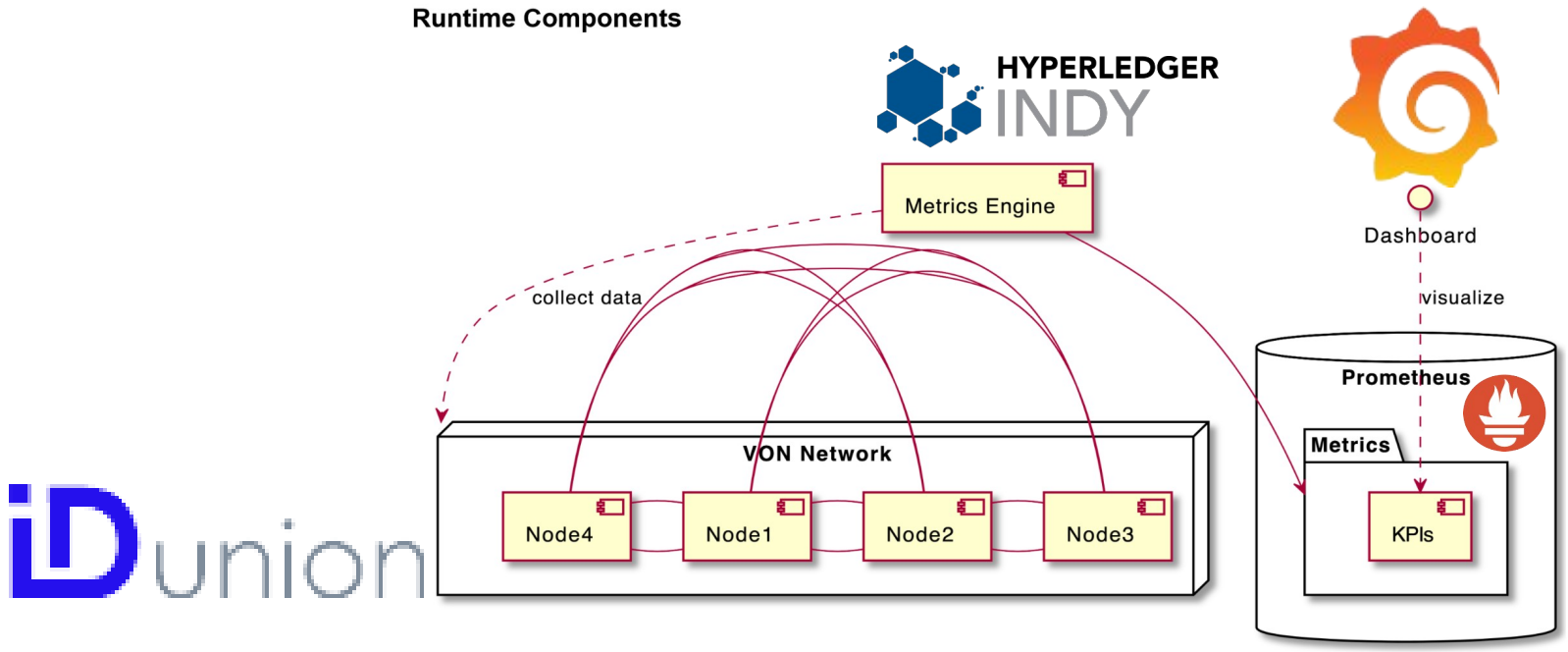
IDunion: ***[read more about the project:*** *https://idunion.org/?lang=en]*

- Eco-System for identity (self-)management: with ledger, wallet, consensus-protocol
- Roles: Credential issuer, verifier and owner
- *Example: Projekt NESSI „Nachweisplattform ELSTER Self-Sovereign Identities“: https://t.co/avnkCEZZH2*

What is our mission?

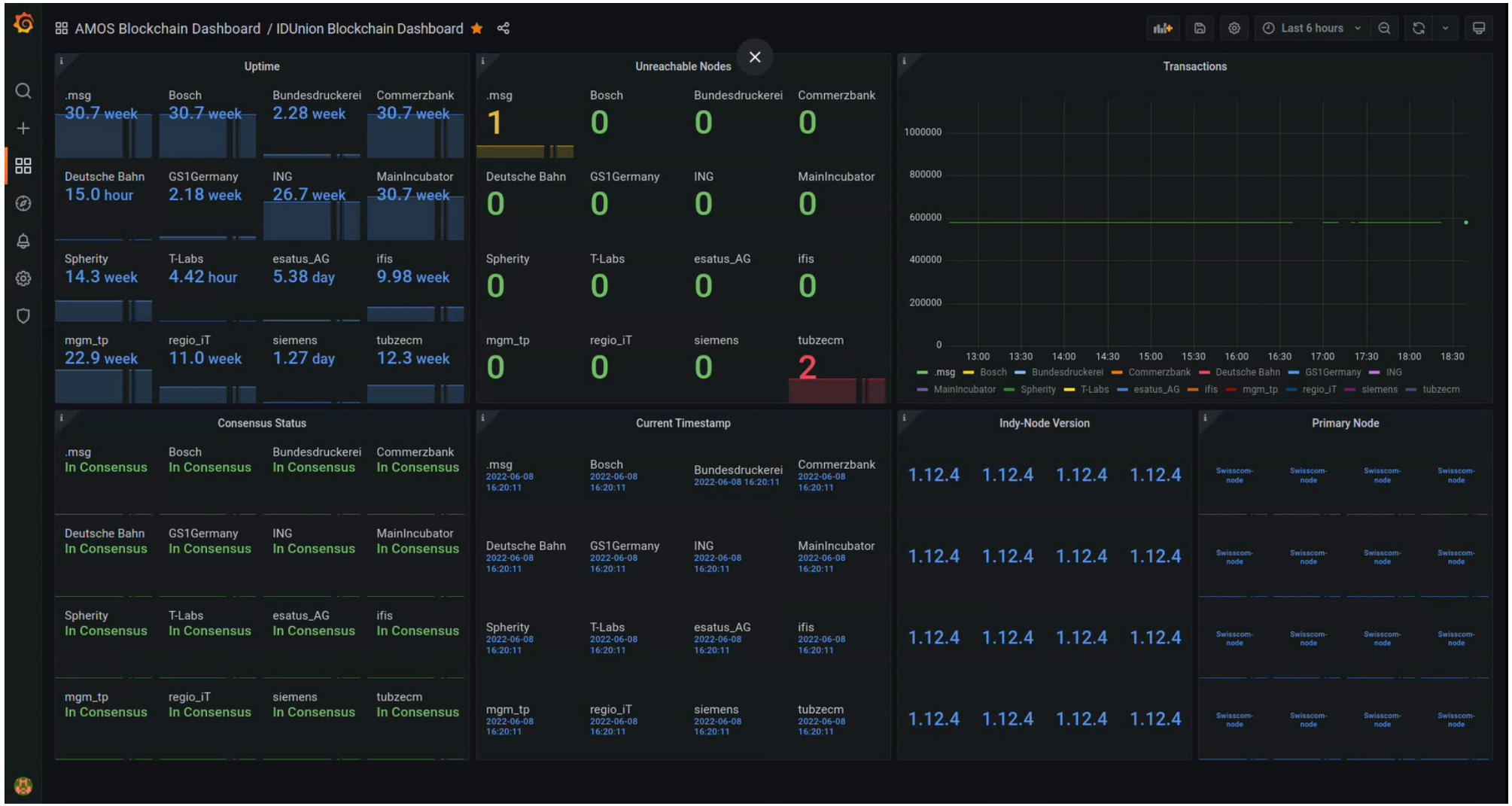
The overall software architecture and implemeted tools

The overall goal: Implement a metrics engine and a dashboard for the IDunion blockchain



Our IDunion blockchain dashboard

Let´s see our demo



What have been our up and downs?

A short reflection

Ups

- Great team spirit
- On-site, real-life team meeting
- New and thrilling topic

Challenges

- Though on-boarding phase, due to toolchain setup, the technology stack (Hyperledger, Prometeus, Grafana, VON-network, industry partner data)
- One developer joined ~3 weeks after project start
- First developer left the team at the beginning, one more developer quit the project 2~3 weeks later
- Uncertain capacity estimations, especially if unexpected impediments show up

Q&A

Any questions, remarks?