

GOALS

Our end goal is data sovereignty for music creators, content owners etc who can:

- host their own data
- control their rights
- decide on visibility of their data / rights
- decide who can access their data / rights

CHALLENGES on F4F

- Complex configuration via F4F's scripting language (Rspec)
- Relatively long provisioning times while creating the node configuration

DEMO SETUP

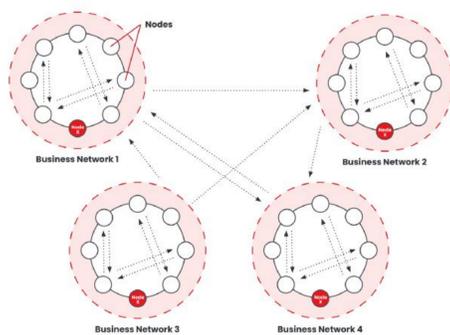
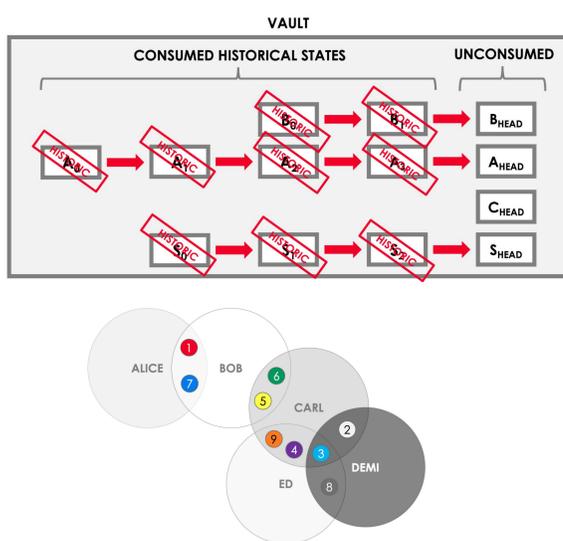
We used the following configurations:

- A multi-node setup with nodes with Docker environments running 3 Corda instances, an instance running a Java/Springboot backend server and a React front-end over a local LAN (virtual wall)

RESULTS

The results of phase 1 were leveraged and the suitability of the platform for our research has been confirmed. In this extended phase, the following cases were researched:

- How can the node installation scripts be made node agnostic: this resulted in a set of improved installation scripts
- Practical experience, research and experimentation into:
 - Installing new Corda Smart Contracts onto existing nodes
 - Transferring persistent data between Corda nodes
 - Moving entire Corda nodes between servers
 - Open source Corda versus enterprise



Serial	ID	Organisation	L - Locality	C - Country	Platform Version
>	100129181014	Music	London	GB	9
>	100127281002	Music	Chicago	US	9
>	1001308120175	Music	Stockholm	SE	9
>	1001308134148	Music	Berlin	DE	9
>	1001308121014	Music	Paris	FR	9
>	1001308134113	Music	San Francisco	US	9
>	1001308131012	Music	New York	US	9
>	1001308131042	Music	Beijing	CN	9
>	1001308130113	Music	Vienna	AT	9
>	1001308130113	Music	Barcelona	ES	9

CONCLUSIONS

Lessons learned:

- F4F is very suitable as test and staging environment, and allows quick different hardware and network configurations
- F4F allows us to be closer to infrastructure and excellent way to explore real cloud costs.
- F4F is cloud provider neutral (good for SEO).
- F4F is intuitive to use

POST MORTEM

- Working closely with F4F, INRIA & IMEC is perfect for innovation startups since F4F is a great safe harbor for innovation startups.
- F4F combines security with innovation for pilots within secure cloud environments.
- Our industry partners appreciate this and want to experiment further since we can make it easy for them to innovate. This is positive since it helps them to get into innovation thinking.