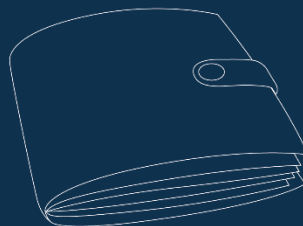




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# Public Sandbox Roundtable

22.08.2023



**Collaborate  
and  
learn from each other**



# Agenda



Update FOITT Public Sandbox



Outage Public Sandbox



Q&A



Next steps



# Update FOITT

## Numbers

- 21 applications and onboardings
- 34 schemas registered

## Facts

- Sandbox is still actively used
- Half of the participants maximum is reached
- Ledger is stable



## Update FOITT

**Forum for exchange between Sandbox Participants available under:**

<https://github.com/e-id-admin/public-sandbox-trustinfrastructure/discussions>

Based on Data Protection Guidelines our capability to communicate about the participants and integrators of the public sandbox is sadly limited.

Please use the forum if you wish to make your participation in the public sandbox publicly known.



# Outage Sandbox (Summary)

## Root Cause

- Outage caused by "rogue" automatisisation resetting the configuration on Firewall/NAT resulting in loss of IP
- This led to the loss of connectivity to ledger nodes and therefore the loss capabilities for ecosystems participants to "interact" with the ledger

## Recovery

- Initial attempts focussed on recovering IP's -> no success
- Reconfiguration of Ledger Nodes to new static IP addresses (one for every ledger node)
- Generation of new Genesis File and distribution to sandbox participants

## Learnings & Actions

- At the moment controll of all underlying sandbox infrastructure has been "adopted" by trust infrastructure team
- Monitoring of external ledger nodes availability is being improved
- Post-Incident Process has been run



## Q&A Session

Do you have any questions for the Public Sandbox and E-ID Team?

- If we try out Zero-Knowledge-Proofs and need to change the signatures, is this something that would be interesting to OFIT?
  - Yes if the community is willing to experiment using alternative Formats/Signatures to Anoncreds which maintain the privacy preserving features this is of interest to us.
- What is the roadmap for changing the underlying technology of the sandbox to OID4VC, and what are the implications?
  - At the moment there is no timeline set in stone for a switch to OID4VC (or other alternative underlying technologies). We plan to stick to our initial plan of running the Public Sandbox based on the current state till the end of Q1 2024. We expect to evaluate (together with the community) the benefit of having sandbox and then decide if there will be a follow-up version which would align "closer" to the technology(ies) which would be used for the productive ecosystem.



## Q&A Session

- Will there be a test version of the Swiss Government's setup?  
We have to differentiate what "Swiss Government Setup" means. At the moment we are in the process of evaluating underlying technologies for the productive ecosystem. After the decision is made we will plan the next steps and decide what is tested with the public. We are in favour of making at least certain components like base registry and federal wallet available in "early" stages. The issuance of electronic identities this will probably be kept "internal".
- Will it be deployed on this infrastructure?  
There is a very high probability, that the infrastructure which we use for the current Indy based sandbox will be deleted after Q1/2024.
- What is the envisioned end date for the sandbox? Will it be prolonged?  
The end will be Q1 2024. At the moment we do not envision a extension of the runtime.





## Q&A Session

- Is there already an ongoing development for the wallet?  
What will be the technology stack of this application?  
Will it be released under an open source license? What are existing solutions?  
Yes, there is development ongoing regarding a mobile application, which will be provided on iOS and Android. The application will support the underlying stack(s), which results from the technology evaluation. The current proposal of the law foresees, that the source code of the «Trust Infrastructure Components» (Base Registry, Trust Registry, Federal Wallet & Verifier Solution) shall be published publicly. Please refer to the Forum (linked on p. 5 for existing wallet solutions).



## Information from participants

Feel free to share:

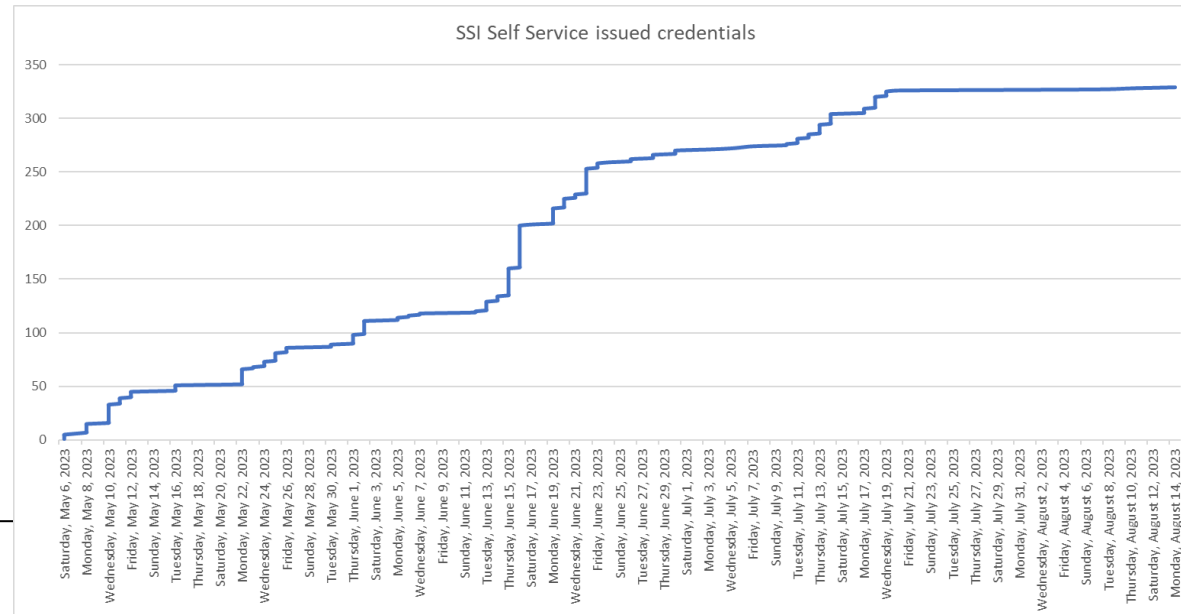
- **Requests for Collaboration & Ideas**
- **Your current Status**
- **Issues & Wishes for the future**

Please raise your MS-Teams virtual hand if you wish to speak.



# Inputs & Questions

- Information about Use Cases and amounts of transactions  
-> Information can be shared in the [github discussion](#).  
We (as FOITT) cannot share information because of the legal restriction.
- Are there any amounts of issued VC?  
-> Only the issuer knows how many VC has been issued. We as FOITT only have the information about which issuer is allowed to issue credentials.  
From the Adnovum Issuer there has been shared to following amount of issued VC:





# Inputs & Questions

- Are there any collaboration with universities et.al. within the development  
-> Yes there are some collaboration and these will be intensified within the technical evaluation process.
- Can we connect also a Dev or Test-environment to the sandbox?  
-> There is only one Sandbox environment. Which counterpart you connect on your side is not limited.  
You can add several issuer (e.g. one Dev and one Preprod), maybe you will onboard multiple DID.



## Next Steps

- Hybrid Participation Meeting has been **moved** to the 1st December 2023
  - There is always interest to demo use cases and learnings from your use of public sandbox during the participation meetings.
  - Feel free to get in touch with Rolf regarding this.
- Please let us know on Mentimeter how you feel about the collaboration, and if you wish to have another exchange like this.

<https://www.menti.com/albub5zjk5tu>





# Polling Frequency

Which frequency for a roundtable?

