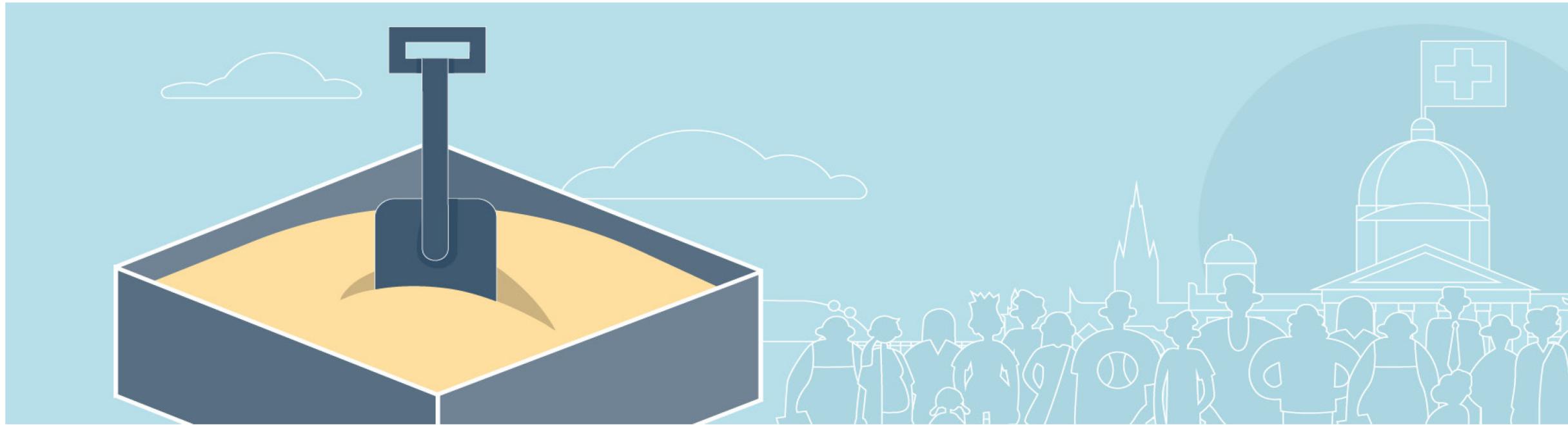




Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



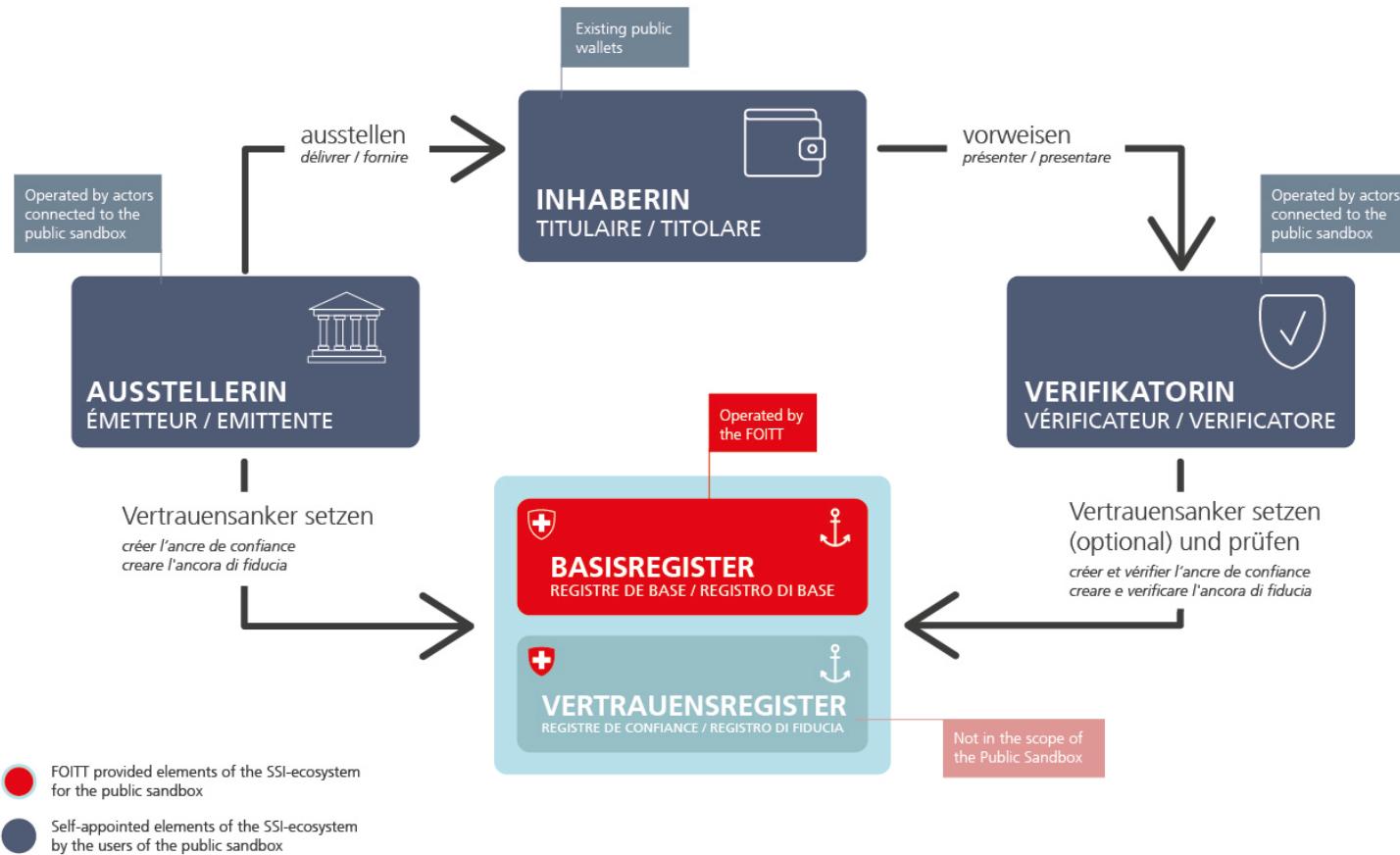
Update: Public Sandbox Vertrauensinfrastruktur

Update: Public Sandbox de la Trust Infrastructure

Partizipationsmeeting | Réunion Participative - 06.04.2023

Public Sandbox Trust Infrastructure

Public Sandbox Trust Infrastructure Scope and Frame



40 participants
12 months
Experimenting & learning
Data management rules



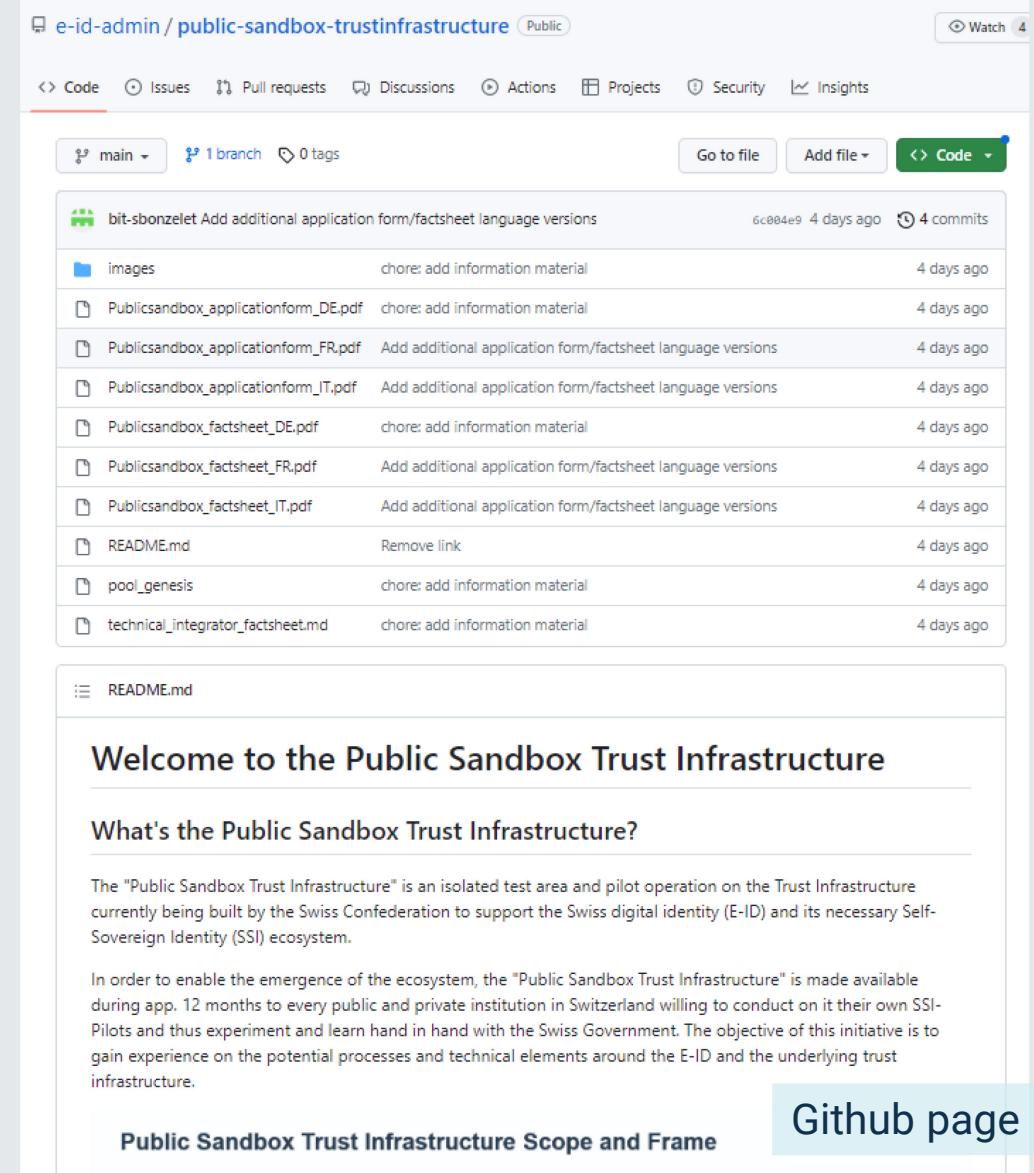
Public Sandbox Accessible

Launch: 30.03.23

1 friendly onboarding (test)
1 endorser roundtable

5/40 Business Case Applications
4 Onboarded Business Cases
5 Onboarded DID
1 Schema Creation + activities

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



The screenshot shows a GitHub repository page for 'e-id-admin/public-sandbox-trustinfrastructure'. The repository has 1 branch and 0 tags. The main branch contains 4 commits by 'bit-sbonzelet' made 4 days ago, all related to adding language versions for application forms and fact sheets in DE, FR, and IT. The repository also includes PDF files for application forms and fact sheets in these languages, as well as README.md and pool_genesis files. The README.md file contains a welcome message and information about the Public Sandbox Trust Infrastructure, its purpose as an isolated test area for Swiss digital identity, and its role in supporting the SSI ecosystem. It also mentions the availability of the infrastructure for pilot operations.

e-id-admin / public-sandbox-trustinfrastructure (Public)

Code Issues Pull requests Discussions Actions Projects Security Insights

main 1 branch 0 tags Go to file Add file Code

bit-sbonzelet Add additional application form/factsheet language versions 6c084e9 4 days ago 4 commits

images chore: add information material 4 days ago

Publcsandbox_applicationform_DE.pdf chore: add information material 4 days ago

Publcsandbox_applicationform_FR.pdf Add additional application form/factsheet language versions 4 days ago

Publcsandbox_applicationform_IT.pdf Add additional application form/factsheet language versions 4 days ago

Publcsandbox_factsheet_DE.pdf chore: add information material 4 days ago

Publcsandbox_factsheet_FR.pdf Add additional application form/factsheet language versions 4 days ago

Publcsandbox_factsheet_IT.pdf Add additional application form/factsheet language versions 4 days ago

README.md Remove link 4 days ago

pool_genesis chore: add information material 4 days ago

technical_integrator_factsheet.md chore: add information material 4 days ago

README.md

Welcome to the Public Sandbox Trust Infrastructure

What's the Public Sandbox Trust Infrastructure?

The "Public Sandbox Trust Infrastructure" is an isolated test area and pilot operation on the Trust Infrastructure currently being built by the Swiss Confederation to support the Swiss digital identity (E-ID) and its necessary Self-Sovereign Identity (SSI) ecosystem.

In order to enable the emergence of the ecosystem, the "Public Sandbox Trust Infrastructure" is made available during app. 12 months to every public and private institution in Switzerland willing to conduct on it their own SSI-Pilots and thus experiment and learn hand in hand with the Swiss Government. The objective of this initiative is to gain experience on the potential processes and technical elements around the E-ID and the underlying trust infrastructure.

Public Sandbox Trust Infrastructure Scope and Frame

GitHub page

Application & use

Dati tecnici del business case owner (istituzione richiedente)

Identificativo (DID) del business case owner*	PRQ2SxpTWAK78rTBpqW41M
Chiave pubblica (full verkey) del business case owner*	DDm7WQCa4Enh6x4SpNpEJyD5kvjKiqXWLyPVYN3a1qDA

Modulo di iscrizione per la partecipazione alla «Public Sandbox Trust Infrastructure»

Casi di applicazione

Le istituzioni che, nell'ambito del proprio business case, ricorrono ad altri emittenti devono indicare i dati tecnici di questi ultimi per garantire loro l'accesso.

Nr.	Descrizione	Persona di contatto (facoltativa) (cognome, nome ed e-mail)	Identificativo (DID) dell'emittente	Chiave pubblica (full verkey) dell'emittente
1	amazing case		PRQ2SxpTWAK78rTBpqW41O	DDm7WQCa4Enh6x4SpNpEJyD5kvjKiqXWLyPVYN3a1qDA
2				
3				
4				

Application form

**Full Verkey & DID
(IndyDID)**

Write schemas +
issue credentials

Support

Github Discussion

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

ssi-sandbox@bit.admin.ch

Base Registry (Ledger via IndyScan)

The screenshot shows the IndyScan interface for the Base Registry ledger. At the top left is the Swiss flag and the text "Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra". To the right is the "Indyscan" logo. Below the header is a navigation bar with tabs: Home, Domain, Pool, and Config. The "Home" tab is selected. A large blue information box contains the text: "This platform is a test system run as part of the Public Sandbox Trust Infrastructure. It displays the transactions on the ledger/base registry. Further information can be found on www.e-id.ch. Applicable terms of use are published on [Github](#)." Below this box are three columns of transaction lists:

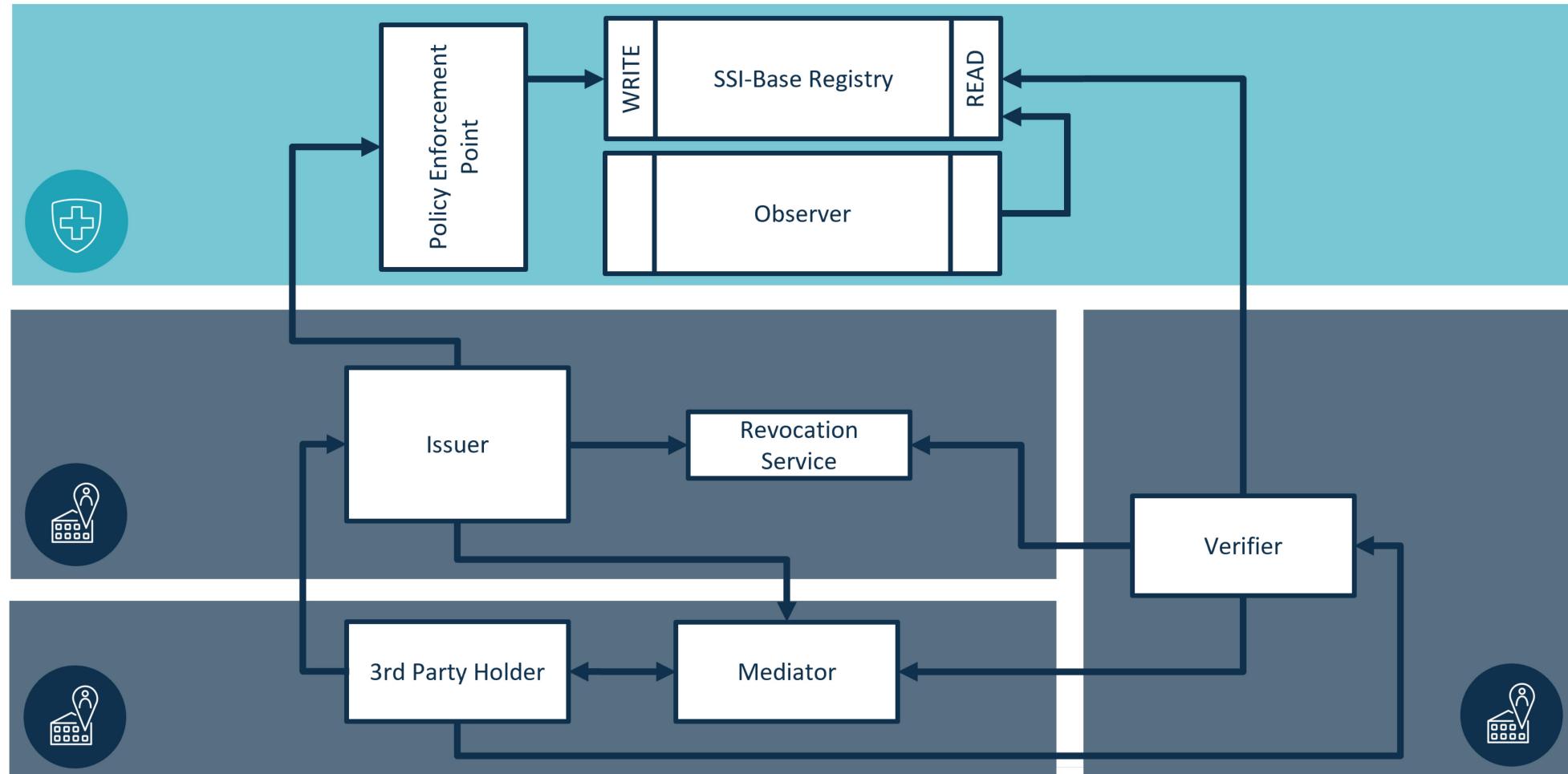
Domain txs	Pool txs	Config txs
17 NYM From DID: 8WzWX4G3Rti0tVSX3Atcvo Local Time: 4/3/2023, 10:17:58 AM 23 mins, 48 secs ago	4 NODE From DID: J7YCoCtu4UdAwL8idXKbBo Local Time: 3/24/2023, 8:48:25 AM 10 days, 53 mins, 21 secs ago	
16 NYM From DID: 8WzWX4G3Rti0tVSX3Atcvo Local Time: 3/31/2023, 8:50:46 AM 3 days, 1 hour, 51 mins, ago	3 NODE From DID: 5Mk37fABdc2E6TJJUy9qL1 Local Time: N/A Genesis transaction	
15 NYM From DID: 8WzWX4G3Rti0tVSX3Atcvo Local Time: 3/31/2023, 8:50:31 AM 3 days, 1 hour, 51 mins, 15 secs ago	2 NODE From DID: NfDdRyyrMwbanw4gRwAJ8y Local Time: N/A Genesis transaction	
14 NYM From DID: 8WzWX4G3Rti0tVSX3Atcvo Local Time: 3/30/2023, 2:17:31 PM 3 days, 20 hours, 24 mins, 15 secs ago	1 NODE From DID: QW4CqdGH5DuMGejo9tUtFF Local Time: N/A Genesis transaction	
13 NYM From DID: LxXGFne6V4ZJW9obt7o9en Local Time: 3/24/2023, 8:48:22 AM 10 days, 53 mins, 24 secs ago		
12 NYM From DID: 8WzWX4G3Rti0tVSX3Atcvo Local Time: 3/23/2023, 11:12:31 AM 10 days, 22 hours, 29 mins, 15 secs ago		

At the bottom right of the main content area is a teal button labeled "Ledger view".

See every transactions on the Base Registry (a.k.a. ledger)

<https://explorer.sandbox.ssi.ch>

System Architecture

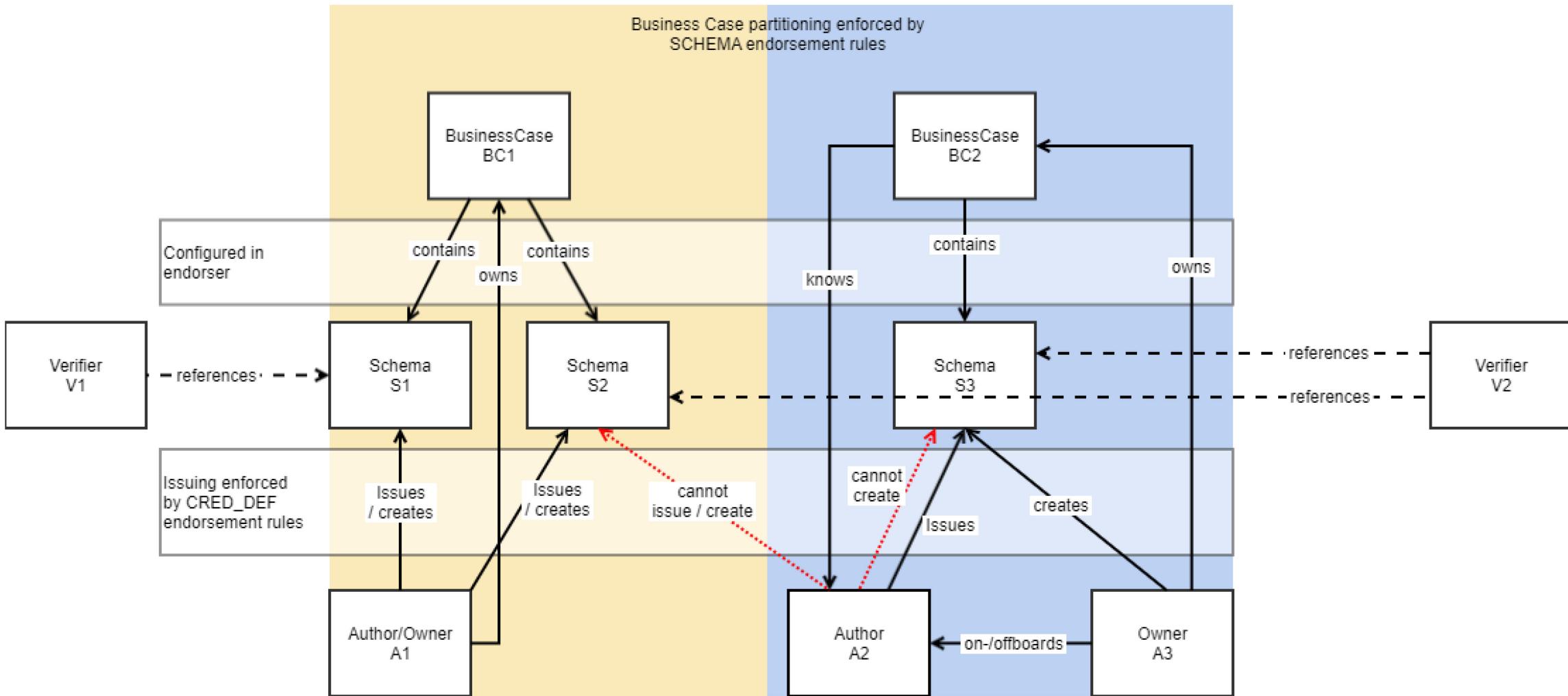


Components provided by the Federal Office of Information
Technology, Systems and Telecommunication (FOITT)



Components to be provided by
Public Sandbox Trust Infrastructure participants

Business Case Partitioning



Policy Enforcement Point (a.k.a. Endorser)

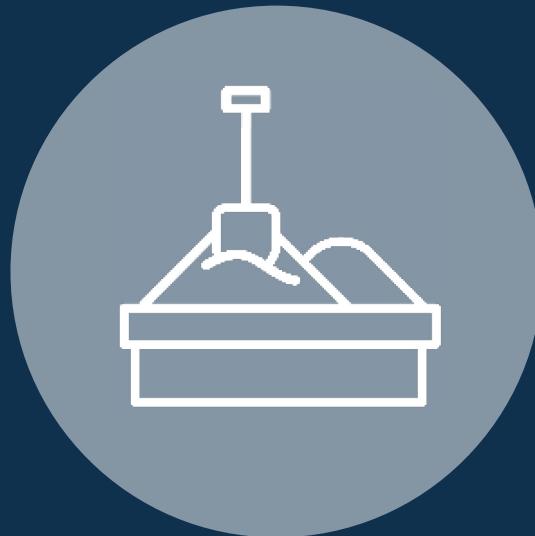
SCHEMA-Name belongs to Business Case

- So do the related CRED_DEF, REVOC_REG_DEF, REVOC_REG_ENTRY

Transactions can be written by:

Transaction Type	Owner	Issuer
SCHEMA	Green	Red
CRED_DEF	Red	Green
REVOC_REG_DEF	Red	Green
REVOC_REG_ENTRY	Red	Green

Q&A



**Wir freuen uns auf die
Zusammenarbeit mit Euch!**

Nous nous réjouissons de travailler et
d'apprendre avec vous !

ssi-sandbox@bit.admin.ch