Samlink Finnish Trust Network solution – broker testing

This document describes identification broker service testing for Samlink Finnish Trust Network identification solution that supports OIDC interface defined by Finnish Transport and Communications Agency Traficom. This solution is in use for the Finnish Trust Network (FTN) identity providers (IDPs): Savings Banks Group, POP Bank Group, Svenska Handelsbanken AB and Oma Savings Bank.

Testing pre-requisites

First pre-requisite is to sign a contract between Finnish Trust Network IDP and identification broker (later in text "broker"). Contract enables information and security key exchange and other core functionalities required to start testing and later using the service.

Broker must use the service endpoint addresses informed in contract form (found also in secure email sent to broker). Broker can only access the service from the broker's IP address informed in contract form (field Service address). Broker's JWKS URI (public key) must be available when testing.

Broker and Finnish Trust Network IDP must exchange their entity statements. Entity statement contains the JWKS URI where the signed public key is fetched from. The signature of the signed public key can be verified by the entity statement's public key.

Testing

As instructed by Traficom, testing is executed using "**ACR values**" parameter. Broker must use the "**ACR values**" parameter value "**loatest2**" when making authorization requests for testing purposes. When authorization request is successful, service only returns a fixed and artificial user id to broker.

Identification is one-phase, fixed net bank id for testing:

Username: **11111111**

Password: **123456**

Testing service uses the same user interfaces as the production service, but the functionality is limited, i.e. testing service does not access all the backend systems the production service does. Token interface is similar to production service.

Fixed information inside ID token:

urn:oid:2.5.4.4 =**TESTAAJA**

urn:oid:1.2.246.575.1.14=**TEEMU**

urn:oid:1.3.6.1.5.5.7.9.1=**2000-01-01**

urn:oid:1.2.246.21=**010100A001N**

All available test customers

Display Name	Username	Password	Customer Id	Date of Birth
TESTAAJA TEEMU	11111111	123456	010100A001N	2000-01-01
TESTILÄ TESSA	22222222	123456	010280-952L	1980-02-01
CODEAPP USER	33333333	123456	231189-9710	1989-11-23
HETUSTA MIKA	44444444	123456	260660U3457	1960-06-26

More information

Samlink service documentation: https://samlink.fi/ohjelmistopalvelut/

Savings Banks Group: https://www.saastopankki.fi/

POP Bank Group: https://www.poppankki.fi/

Svenska Handelsbanken AB: https://www.handelsbanken.fi/

Oma Savings Bank: https://www.omasp.fi