

Trust and Identity Incubator

A few projects that might interest you

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Trust & Identity Incubator lead



- Handed over to eduGAIN service activity
- Moving towards production service
- Beta available at <https://edugain-reporting-beta.incubator.geant.org/>

The screenshot shows the 'eduGAIN Overview' dashboard. At the top, there are logos for 'eduGAIN Reporting', 'GÉANT', and 'TRUST & IDENTITY INCUBATOR'. Below the logos, the title 'eduGAIN Overview' is centered. The dashboard features four main sections, each with an icon and a brief description:

- Statistics**: Show eduGAIN in numbers, tools, CoCo and SIRTPI. (Icon: clipboard with charts)
- Overview**: View your entire federation, it's score and trends. (Icon: grid of colored squares)
- Details**: Discover entity errors, warnings and improvements. (Icon: checklist with checkmarks)
- Checks**: Perform automated technical and security audits. (Icon: magnifying glass over a bug)

At the bottom of the dashboard, there is a dark blue banner with the text: **Get Your Own Reports - Try the eduGAIN Reporting Pilot**. Below this, a smaller text block explains: 'eduGAIN Reporting enables operators to get an overview of their federation and check the state of their entity to apply the right measures. The tool makes it possible to easily examine the technical compliance of a federation or entity and compare it to the community average. Additionally, this service sends email notifications to inform you about noteworthy events.' Below that, it says: 'Become an early adopter and see how it can support your organisation. Start now by registering yourself and opt-in for e-mail notifications.' At the very bottom of the banner is an orange button that says '<REGISTER NOW>'. In the top right corner of the dashboard area, there is a user profile icon.

A collaboration between SRCE / CARnet, Cirrus Identity and the GEANT T&I Incubator

- Started based on initial contribution from REDIRIS
- Implement and certificate OP OIDC profiles: Basic (✅), Implicit (👷), Hybrid
- Improve UI in SSP for users self RP registration (👷) and custom scopes and claims configuration
- F-Ticks support (✅ - minus 1 issue)

June 2021 status: <https://edu.nl/wq76j>

PASSED	View Logs Download Logs	Test ID: 1EYKZowjz18LJ3F Test Version: 4.1.9
FINISHED REVIEW	Run Test View Logs Download Logs	Test Name: oidc-prompt-login Variant: client_secret_basic, code, default Test ID: jD0443SLzeLsKe5 Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-prompt-none-not-logged-in Variant: client_secret_basic, code, default Test ID: a4YY4GR27BvukQA Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-prompt-none-logged-in Variant: client_secret_basic, code, default Test ID: B63U5uRZDejIDvQ Test Version: 4.1.9
FINISHED REVIEW	Run Test View Logs Download Logs	Test Name: oidc-max-age-1 Variant: client_secret_basic, code, default Test ID: s61wz2H1iopWzGC Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-max-age-10000 Variant: client_secret_basic, code, default Test ID: ZbIOA6MYkxzS6PT Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-ensure-request-with-unknown-parameter-succeeds Variant: client_secret_basic, code, default Test ID: 2118SZT1kCCyHCC Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-id-token-hint Variant: client_secret_basic, code, default Test ID: cvQnTGZmgqOaplJ Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-login-hint Variant: client_secret_basic, code, default Test ID: LP9wvSLeAGWR0KG Test Version: 4.1.9
FINISHED PASSED	Run Test View Logs Download Logs	Test Name: oidc-ui-locales Variant: client_secret_basic, code, default Test ID: k7amdctSRXf11IS Test Version: 4.1.9
FINISHED	Run Test	Test Name: oidc-claims-locales

A catalog service which enables institutions within national federations to learn about the properties of the services offered via eduGAIN

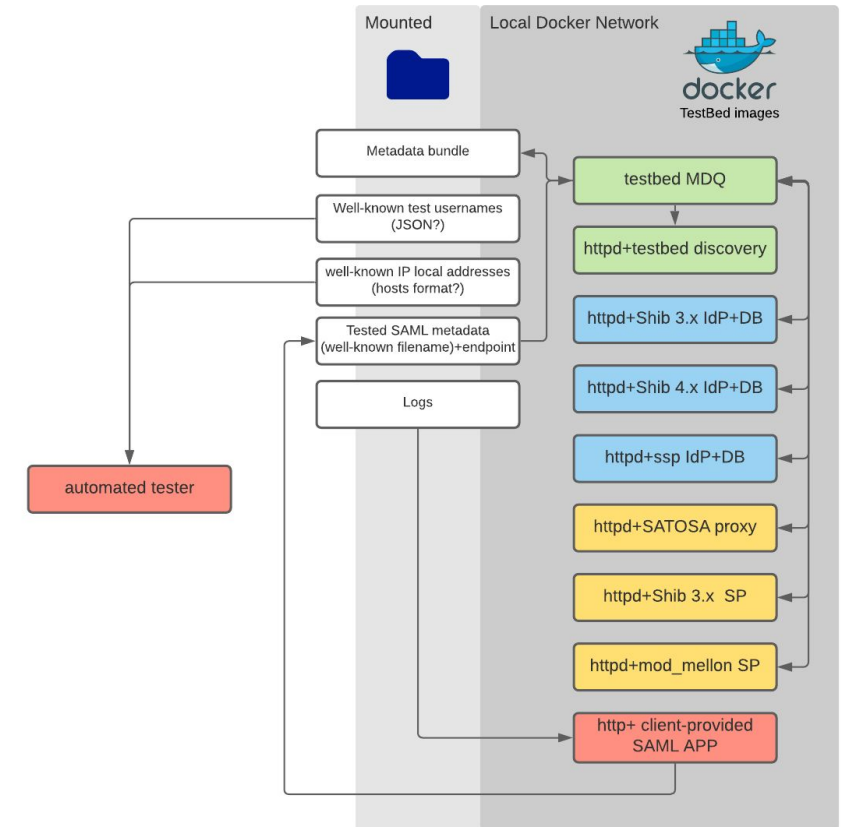
- **Used SAML metadata and SP curated data as it source**
- **Federations are asked to help make their eduGAIN SPs provide proper metadata and addition curated data**
- **Supports federations in making SPs provide ‘proper’, eduGAIN compliant and best practice SAML metadata**
- **In addition, provides federations with ability to run lightweight ‘national’ catalog easily**

Please provide feedback to our RFC at: <https://edu.nl/mkbpm>



Create test environment for new and existing federated software products to enable quick and easy integration testing.

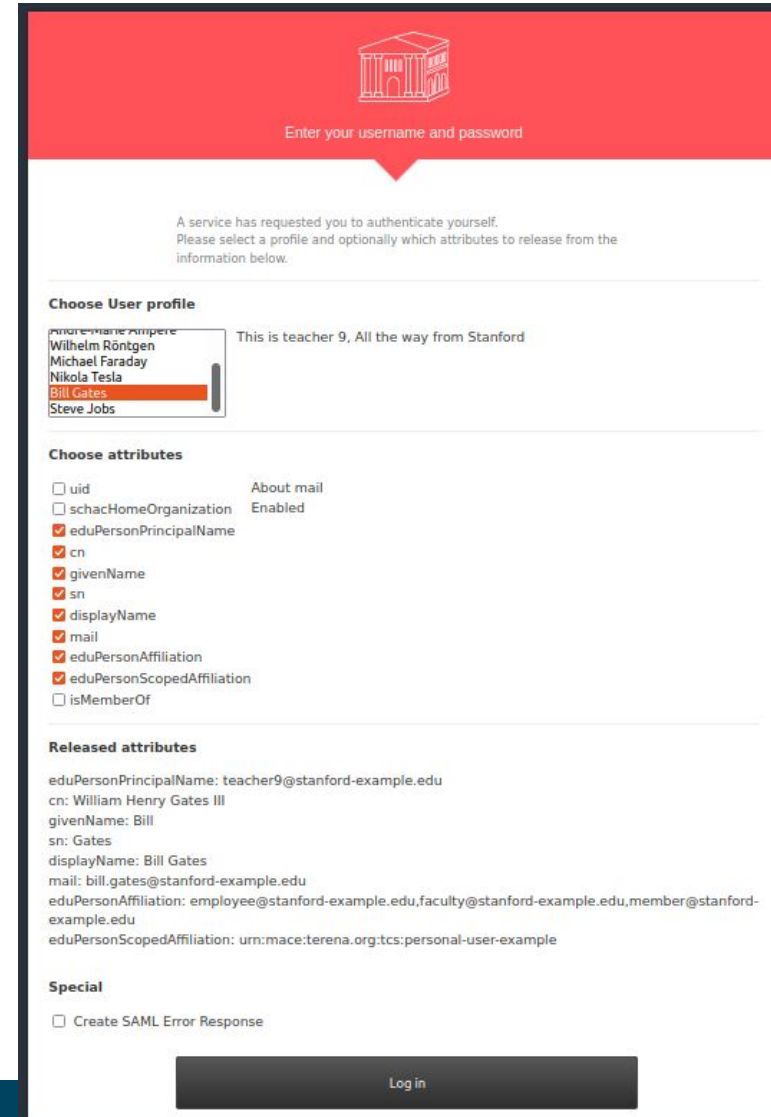
- As a developer how do you test against all others?
- Ready to roll, without deep knowledge of other products
- Automated test framework (Behave/Selenium) with sensible defaults
- Proposes layout for architecture for SP/IdP dockers (for testing!)



Would benefit greatly from ecosystem of SP/IdP containers, can we come up with a community best practice?

The aim of this activity is design and implement a fully functional SAML IdP that can be used to perform individual integration test by community members.

- Use metadata as the basis
- Provides a per Service IdP
- Performs metadata validation and offers suggestions on metadata improvements based on requirements and best practice
- Takes a novel approach to presenting and selection of profile data



The screenshot shows a login interface for a SAML IdP. At the top, there is a red header with a building icon and the text "Enter your username and password". Below this, a message states: "A service has requested you to authenticate yourself. Please select a profile and optionally which attributes to release from the information below." The main content area is divided into three sections: "Choose User profile", "Choose attributes", and "Released attributes".

Choose User profile

This is teacher 9, All the way from Stanford

- Wilhelm Röntgen
- Michael Faraday
- Nikola Tesla
- Bill Gates
- Steve Jobs

Choose attributes

- uid About mail
- schacHomeOrganization Enabled
- eduPersonPrincipalName
- cn
- givenName
- sn
- displayName
- mail
- eduPersonAffiliation
- eduPersonScopedAffiliation
- isMemberOf

Released attributes

eduPersonPrincipalName: teacher9@stanford-example.edu
cn: William Henry Gates III
givenName: Bill
sn: Gates
displayName: Bill Gates
mail: bill.gates@stanford-example.edu
eduPersonAffiliation: employee@stanford-example.edu, faculty@stanford-example.edu, member@stanford-example.edu
eduPersonScopedAffiliation: urn:mace:terena.org:tcs:personal-user-example

Special

- Create SAML Error Response

Log in

Learn about our other projects, past and present on the Incubator Dashboard:

<https://wiki.geant.org/display/gn43wp5/Incubator+Dashboard>

Join the T&I Incubator BOF at TNC2021 to learn about current work and provide input on new stuff we should do!

“Trust & Identity Incubator Input Session”, Fri June 25, 14:00 - 15:30 CEST



Thank you

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