T&I Activities in GÉANT4-3 project

Internet2 TechEx, REFEDS
Orlando 15 October 2018
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Background

• Consultation to inform GÉANT T&I strategy started last year:
  • Input gathered during previous TechEx
  • Consulted with T&I services stakeholders
  • Research communities via AARC
  • Wider consultations with federation operators via REFEDS

• Whitepaper published in Dec 2017
  [https://wiki.geant.org/display/gn43tip/GN4-3+Trust+and+Identity+planning+Home](https://wiki.geant.org/display/gn43tip/GN4-3+Trust+and+Identity+planning+Home)

• Detailed Planning, Budgeting & Recruitment (May – Oct 2018)
  • EC proposal ready by November
  • Funding available from Jan 2019 - Jan 2023 (4 years)
What’s in scope & stays the same

- Development and operations of the T&I services:
  - eduroam and supporting services
  - eduGAIN and federation services (incl. FaaS, Campus IdP, RA21)
  - eduTEAMS and complementary services
  - inAcademia
- Service teams – no big bang changes
What Changes & Improves

• More service-centric approach following the DevOps style
• Service Owners appointed
• Room for innovation
• Closer link with research communities
T&I Structure

Trust and Identity Work Package

Task 1: Services
- eduroam & supporting services
- eduGAIN & federation services
- inAcademia
- eduTEAMS & complementary services

Task 2: Incubator
- Niels van Dijk (SURFnet)
- New ideas or disruptive technologies

Task 3: Ops Support
- Nicole Harris (GÉANT)
- Central supporting services (monitoring, resource inventory etc.), OLA, AUP etc

Task 4: Enabling Communities
- Maarten Kremers (SURFnet)
- Fed Ops and eScience engagement

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Benefits

• Portfolio of T&I services is expanding and services need to mature
• Benefits of this approach are:
  • **Strengthens the service ownership** by fostering the operational practices across different service operators and makes services more manageable.
  • **Brings development and production closer**
  • Provides support for services’ ops
  • Potential **savings on the operational costs** by grouping the common functions.
Incubator

Start cycle
- 3-4 topics per cycle
- Each cycle about 6 M
- Review after cycle period

Review done by experts

Output
- Business model
- Proof of concept to transition to service, etc.

Ends after one cycle
May require additional time

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Specific topics, alongside business as usual

- **eduroam**: managed eduroam IdP adoption, NRO audits, monitoring, managed eduroam SP...
- **eduGAIN**: Campus IdP toolkit, SIRTFI central support, best practices and maturity, tools development, RA21...
- **eduTEAMS**: basic and advance offering, MFA operations...
- **inAcademia**: commercial and community service offering...
- **Incubator**: OIDC, MFA incubation, Campus IdP platform business model...
- **Operations support**: common operations support services, operations hardening...
- **Enabling communities**: AEGIS coordination, work with communities, AARC results continuation...
Thank you

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