

# T&I PAG Meeting

13 November 2017

# Trust and Identity Service Portfolio

- eduroam
- Certificate Service
- Software Engineering
- InCommon Federation
- Trust and Identity Division Support

# Trust and Identity Service Portfolio - Snapshot

<b>Service/ Activity</b>	<b>Orgs Served</b>	<b>Current Target/ Scope</b>	<b>Funding source</b>	<b>Notes</b>
<b>eduroam Global Federated Wireless</b>	~560	Education Sector	Self-funded, Internet2 Membership Dues, Certificate service revenue	US Education Node of Global Service run by GEANT out of EU
<b>Certificate</b>	420	Higher Education/ Research	Self-funded	Comodo recently acquired, evaluating new ownership
<b>Software Engineering</b>	Unknown	Education Sector	Internet2 Membership Dues, TIER Investor funds	TIER Investor Funds will be depleted late 2018
<b>InCommon Federation</b>	~800	Education Sector/ Research and Partners	InCommon Participation fees	Relies on eduGAIN interederation Service run by GEANT out of EU
<b>Trust and Identity Division</b>	1	Division Support	Certificate Service	

# eduroam - By the Numbers

- eduroam identity providers (logins) must be Education or Research orgs
- Any organization can be a service provider (e.g. Starbucks eduroam access)
- Stats
  - 50% of the eduroam connectors are Internet2 HE and Research members
  - 50% of Internet2 members are eduroam connectors
  - 56% of the eduroam connectors are InCommon Participants
  - 65% of InCommon HE and Research participants are eduroam connectors
  - 44% of eduroam connectors are both InCommon participants and Internet2 members
  - A third of the eduroam connectors broadcast eduroam as their primary SSID
- So far in 2017, over 700,000 unique people (among these US eduroam connectors) have used eduroam
- About 70 contracts are still in some form of being worked on

# Certificates - Sundry

- 420 Higher Education and Research subscribers
- Subscribers must sign the InCommon Participation Agreement (PA) but are not required to use InCommon Federation. This also means they pay InCommon fees although they were held harmless in the November 2016 increase
- Almost to production for SSO/MFA that increases security of Certificate Management portal
- Comodo, our supplier/provider, was recently acquired by Francisco Partners. There are some market concerns about FP's intentions - time will tell.

# Software Engineering

- Shibboleth
- Grouper
- CManage
- APIs/Data Structures (TIER)
- Entity Registry (TIER)
- Packaging (TIER)
- Shibboleth UI (TIER)
- Federation Manager
- Consent (?)
- Campus Success Program (TIER)
- Convening 10 Community Groups:
  - Component Architects, Data Structures and APIs, Packaging, Entity Registry, Big Ten Academic and TIER Collaboration on Provisioning and De-provisioning, Grouper Deployment Guide, Grouper, TIER Community Investor Council, MACE-Directories

# InCommon Federation

- Federation operations
  - InCommon DevOps Scaling Project
    - Scaling Metadata Delivery: Moving to DNS-like Metadata “Pull”
      - Hardware Security Module eval/deployment (HSM)
    - Federation Manager Catch Up and UI Development
    - Continued DR/BC development. Help Desk
  -
- Federation-interoperability practices and standards
  - National and International coordination and development
- Strongly recommended global programs:
  - SIRTFI - Federated incident response program
  - Research and Scholarship - Collaboration support
- Identity Assurance
  - US Government-Approved Identity Assurance Program
  - Baseline Expectations Program
- Stewards Program- Scaling Business, Support and Onboarding to reach the Education Sector
- Community convening 7 WG and advisory committees:
  - OIDC-OAuth Deployment, Streamlining Service Provider Onboarding, Attributes for Collaboration and Federation, Deployment Profile. Steering Committee, Technical Advisory Committee, Assurance Advisory Committee

# Trust and Identity Division Support: Projects et al.

- Documentation Management and Repository
  - Sustainable home and discovery for guidance, documentation and other key artifacts
  - Life-cycle management for practices/standards documentation
- Working Group Engagement
  - Management of WG Processes and Support (Total 19 WGs and Leadership Groups)
  - Technical infrastructure (COmanage) to enable faster community-driven collaboration
- Security Assessments
- Business/Legal onboarding and support of 955 organizations
- On-going Community Training
- Research Engagement
- Project Management
- Vendor relationship management
  - Contractors, “competitors”, etc.
- Divisional Leadership Engagement: PAG (executive) and CACTI (architecture)