TIER PROGRESS

Ann West / Steve Zoppi

AVP, Trust and Identity / AVP Services Integration and Architecture
Summary: What is TIER all About?

✓ Sustain components that we've developed together.
✓ Fill the gaps by providing a set of integrated components that addresses IAM as a whole. *
✓ Address community requirements across the components.

* Includes Corporate and Community Partnerships
Membership and Program Early-Phase Funding Model

Program Participants

- Subscriptions & Access Fees
- Internet2 Members
- Capital Calls
- Dues

Dynamically Scalable Operations

- Program Operational Acceleration
- Core Program Administration
- Host Organizational Capacity

Today: TCI & TCIC
Tomorrow: PAG Needed
Targeting ...

• 2016 First Integrated Release
  – Minimal Installation / Configuration User Interfaces
  – Preliminary Requirements will be set by for Scalable Consent
Primary Focus for Release 1

- Container/Packaging
- APIs
- Initial Deployment
- Continuous Update Cycles
- Documentation

Community Identity Provider?
Scalable Consent?

Under Consideration for R2
TIER **Prioritized** Requirements

- Requirements (**Prioritized**)
  - Remember these?
  - How do we bring these to a specification against which we can build?
- All background materials:
  - [https://internet2.box.com/TIERInvestorBackgroundDocs](https://internet2.box.com/TIERInvestorBackgroundDocs)
Bootstrapping the Program: Ad Hoc Architecture Strategy Group

- Pulled requirements for the TIER Community Investor Council to prioritize
- Tightened up the requirements once prioritized so they could be given to working groups
- Spinning up the first working groups
- Helping to define the TIER process and who does what
Bootstrapping the Program: Ad Hoc Architecture Strategy Group

- Tom Barton  
  University of Chicago
- Paul Caskey  
  Internet2
- Jacob Farmer  
  Indiana University
- Keith Hazelton  
  University of Wisconsin-Madison
- Jim Jokl  
  University of Virginia
- Ken Klingenstein  
  Internet2
- Nate Klingenstein  
  Internet2
- Nick Roy  
  Internet2
Requirements **Dependency Analysis**

Confirming the Linkages ensures that we sequence solutions in the right order....
Who Sponsors the Work?

- Internet2? TIER? Ad Hoc Architecture Strategy Group?
  - Community responsible for HE standards
  - Internet2 responsible for industry approaches
  - Currently convened under Internet2 rather than TCIC, but with connections to both and InCommon
TIER Component Architects

- Scott Cantor: Shibboleth
- Chris Hyzer: Grouper
- Benn Oshrin*: COmanage
- Ken Klingenstein: Scalable Consent
- Nate Klingenstein: Community Identity Provider and Person Registry
- Nick Roy: Federation Manager

* Commercial partner
Inaugural TIER Community Working Groups

• Which should be convened first?
  – Packaging and Containerization
  – Standards (Data Structures and APIs)
  – User Acceptance
  – Security/Process/Audit
Release 1 is **Important Because it Establishes...**

- New and current baseline for all products
- Foundation for future (incremental) updates and enhancements
  - Simple upgrades using latest integration techniques
  - Simple deployment into a scalable environment
  - Releases are instrumented for continual feedback and improvement of the product (Anonymized data / Opt-In Data)
  - API: forward compatibility; abstracted plug-in point for commercial partner integration; framework for further inter-campus collaboration by establishing common points for provisioning and deprovisioning
  - Participate in shared-adoption cohorts
Thank You!