

INTERNET2

TRUST AND IDENTITY DEEP DIVE INITIAL REPORT – FOR DISCUSSION

For the Community of Trust and Identity in Education and
Research Investors

InCommon



OVERVIEW

On 2-3 May 2016, Internet2 held the “**Deep Dive on Trust and Identity at Internet2**” and invited four community leaders at the request of Kevin Morooney, vice president for Trust and Identity:

- **Klara Jelinkova**, Vice President for Information Technology and Chief Information Officer at Rice University
- **Ron Kraemer**, Vice Present for Information Technology and Chief Information and Digital Officer at Notre Dame University
- **John O’Keefe**, Vice President and Chief Information Officer at Lafayette College
- **Bruce Vincent**, Senior Technology Strategist, IT Services at Stanford University

Also in attendance from Internet2 were

- **Dave Gift**, Associate Vice President for Community Engagement
- **Ana Hunsinger**, Vice President for Community Engagement
- **Kevin Morooney**, Vice President for Trust and Identity
- **Ann West**, Associate Vice President for Trust and Identity
- **Steve Zoppi**, Associate Vice President for Services Integration and Architecture

The Objective

Over many months, Internet2 staff developed an analysis of both needs and aspirations for Trust and Identity, including the

- InCommon Federation and its operation,
- TIER (Trust and Identity for Education and Research) program, and
- Current resources both at Internet2 and in the Internet2 community, and a model that describes the resources necessary to close identified gaps.

There were two primary goals for the “T&I Deep Dive”,

- Review and critique of the analysis and model

- Co-create ideas and pathways to share the understanding gained at the “T&I Deep Dive” with the InCommon Steering Committee, the TIER Community Investor Council, the full TIER Investor Community and as other opportunities arise at the Global Summit and beyond.

The Opportunity

Discussions at the T&I Deep Dive focused on current and community-desired future states for InCommon and TIER including:

- InCommon operational gaps,
- non-technical programming for InCommon and TIER,
- description of the threat landscape, and
- priorities for the InCommon technical community, InCommon operations, and the TIER community investor schools.

After covering these areas, the gap analysis and model for their closure were covered in detail.

The Result

There was general agreement within the Deep Dive group that the

- gaps and threats are considerable and credible,
- current operational and future risk profile for the federation is very likely not what members/participants need or want and
- gap closure will require resources and rigorous prioritization

The group reviewed the risks and opportunities and all agreed that although risks exist, the potential benefits of a comprehensive trust and identity framework based on community needs should be pursued. Having said that, we must commit to establishing a risk management framework that considers risks and threats and commensurate strategies to address them.

There was also a shared sense of urgency within the “Deep Dive” group. Pathways to close identified gaps may come in many flavors, however all potential sources have their risks (reallocation of existing resources, raising InCommon participation fees, pursuing new and relatively unknown sources, etc.). There was a shared sense that all avenues should be explored if not exhausted.

While gaps and threats were identified, there was also a strong sense of how important the current lines of business are and how much has been accomplished in the last 10-15 years. There was a recognition that the trust and identity community in higher education still retains important leadership positions. With the commercial sectors picking up speed, a constantly evolving legal landscape, internationalization, new security threats and the rise of new technologies it was felt that we are at a new crossroads in trust and identity and the new action must be taken.