



• 2015 •  
**TECHNOLOGY**  
exchange

OCTOBER 4-7  
CLEVELAND OH

# TIER PROGRESS

**Ann West / Steve Zoppi**

AVP, Trust and Identity / AVP Services Integration and Architecture

## Summary: What is TIER all About?

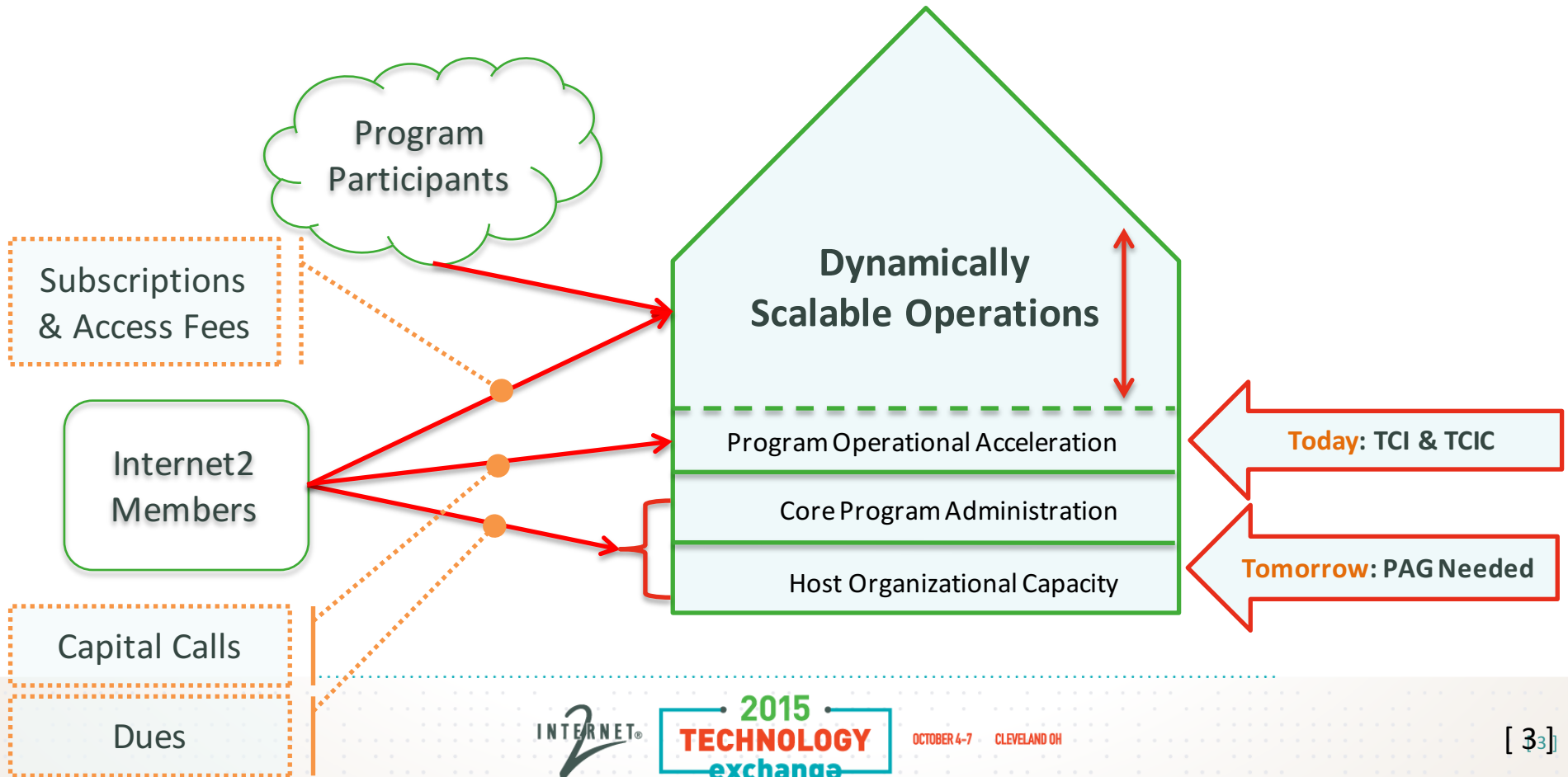
- ✓ **Sustain components** that we've developed together.
- ✓ **Fill the gaps** by providing a set of integrated components that addresses IAM as a whole. \*
- ✓ **Address community requirements** across the components.

\* Includes Corporate and Community Partnerships



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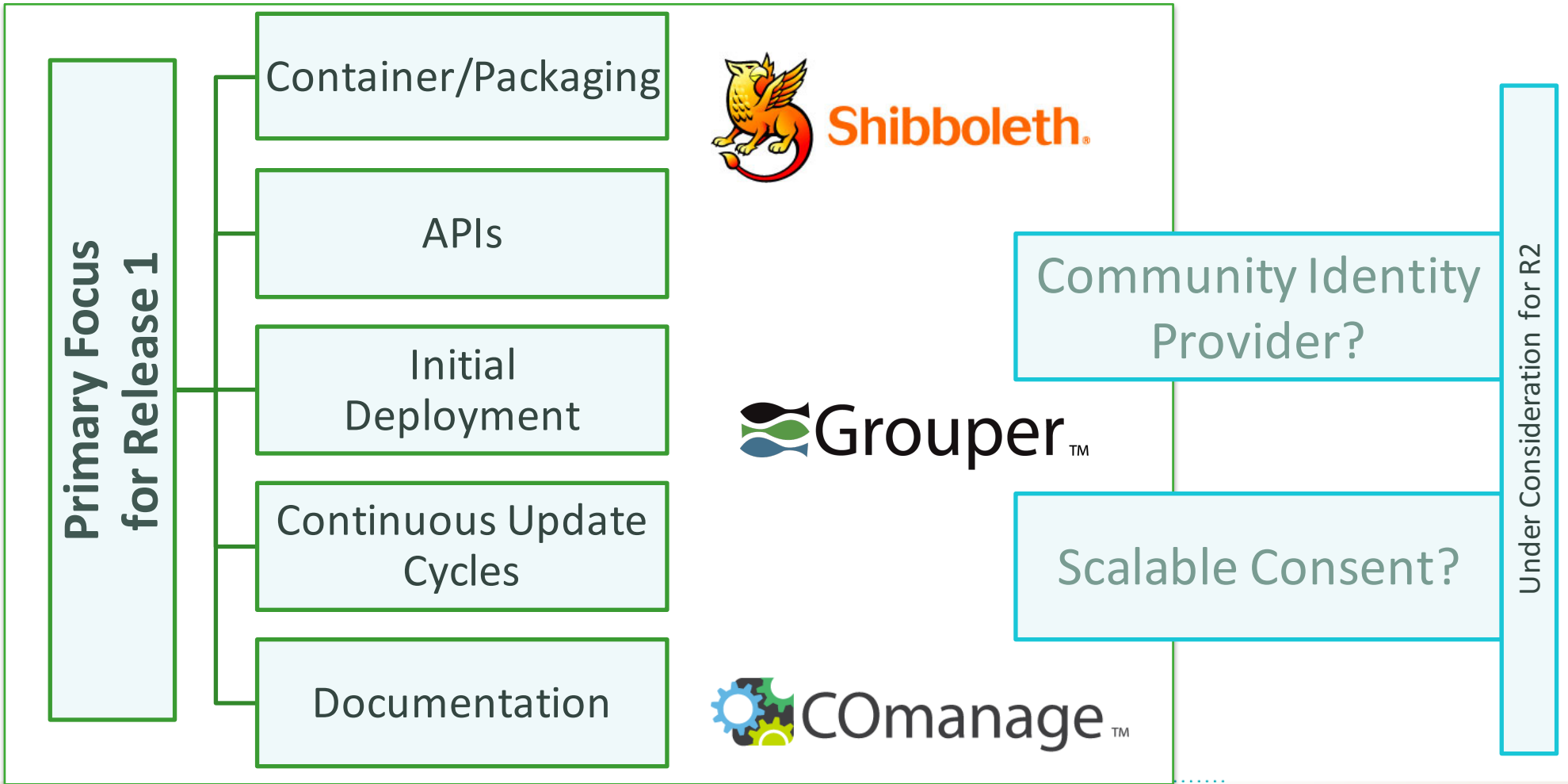
# Membership and Program Early-Phase Funding Model



## Targeting ...

- 2016 First Integrated Release
  - Minimal Installation / Configuration User Interfaces
  - Preliminary Requirements will be set by for Scalable Consent





## TIER **Prioritized** Requirements

- Requirements (**Prioritized**)
  - <https://internet2.box.com/TIERInvestorReview>
  - Remember these?
  - How do we bring these to a specification against which we can build?
- All background materials:
  - <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



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## Bootstrapping the Program: Ad Hoc Architecture Strategy Group

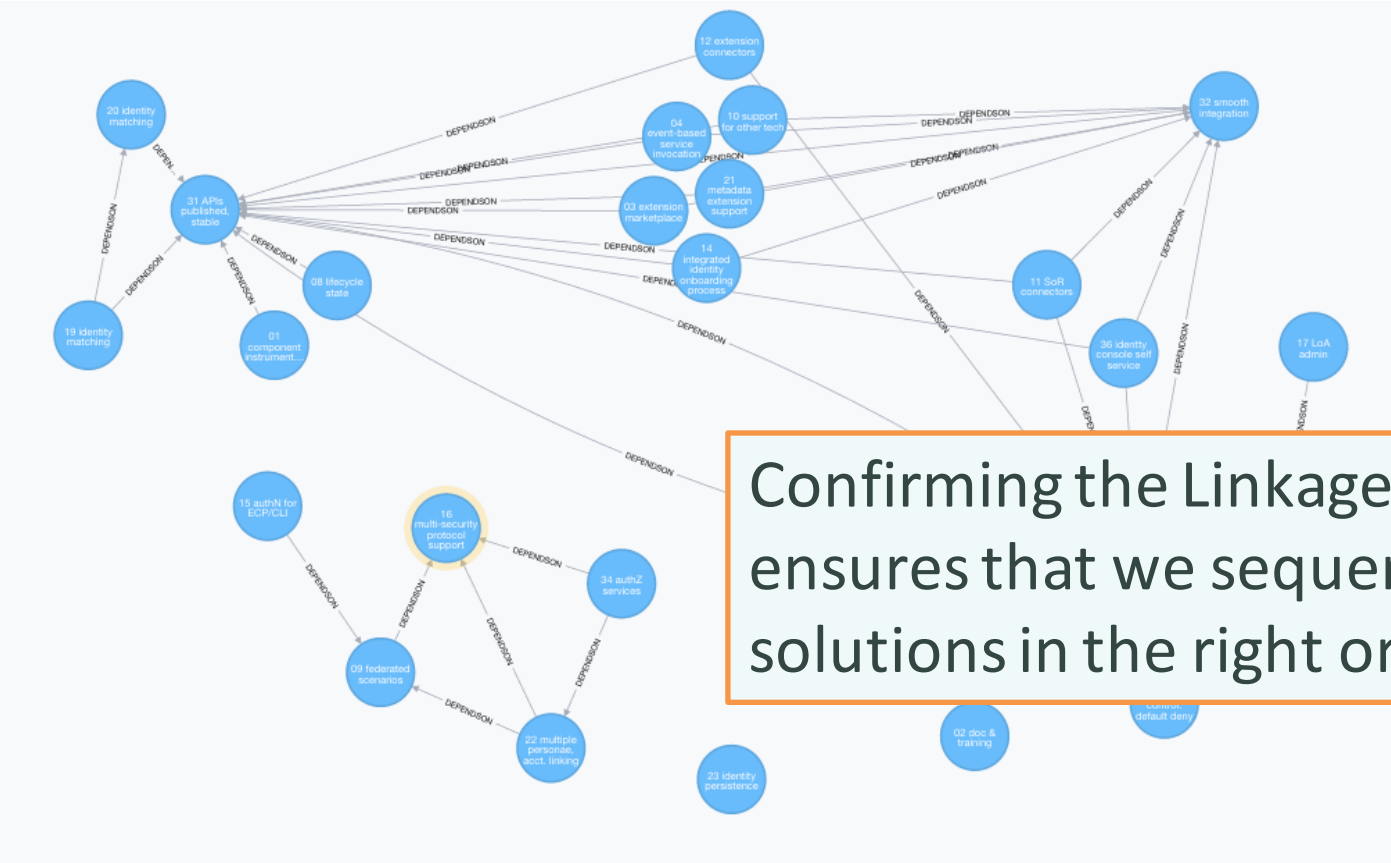
- Tom Barton University of Chicago
- Paul Caskey Internet2
- Jacob Farmer Indiana University
- Keith Hazelton University of Wisconsin-Madison
- Jim Jokl University of Virginia
- Ken Klingenstein Internet2
- Nate Klingenstein Internet2
- Nick Roy Internet2



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# Requirements Dependency Analysis



## 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



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## 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



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## Inaugural TIER Community **Working Groups**

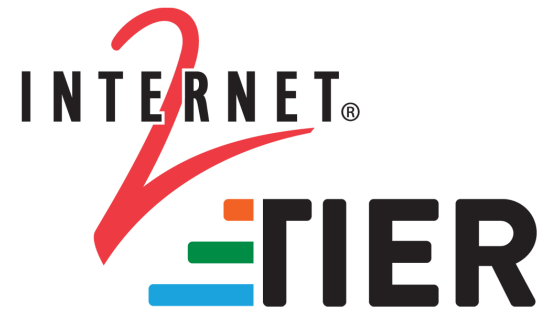
- Which should be convened first?
  - Packaging and Containerization
  - Standards (Data Structures and APIs)
  - User Acceptance
  - Security/Process/Audit



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## 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!



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