

Cloud Computing Forum & Workshop II

Track 2 Session 3 Cloud Standards

November 5, 2010

Proposed Outline

- Time: 1015 to 1145
 - 1015 to 1115: Discussion
 - 1115 to 1145: Develop Report for 1200
- Topics
 - Roadmap for Cloud Computing Standards
 - Accelerating Standards Development
 - Testing
 - Other?
 - Report of our Brainstorming

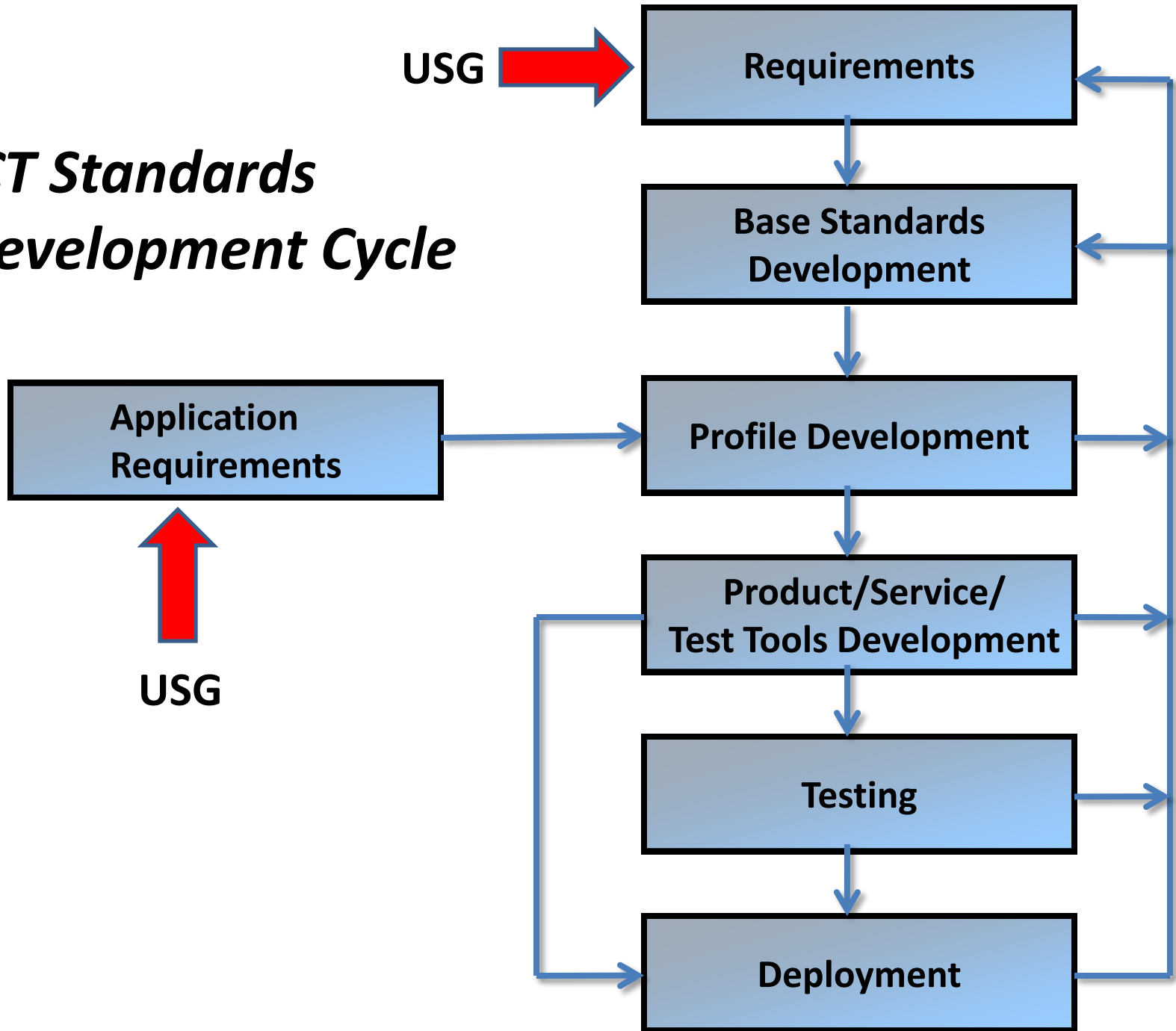
Roadmap for Cloud Computing Standards

- Who is developing cloud computing standards roadmaps?
- Do these roadmaps reference a vendor neutral, high level architecture?
- When will these roadmaps be ready for use?
- How should the USG leverage these roadmaps to develop the cloud computing standards portion of the USG roadmap?

Accelerating Standards Development

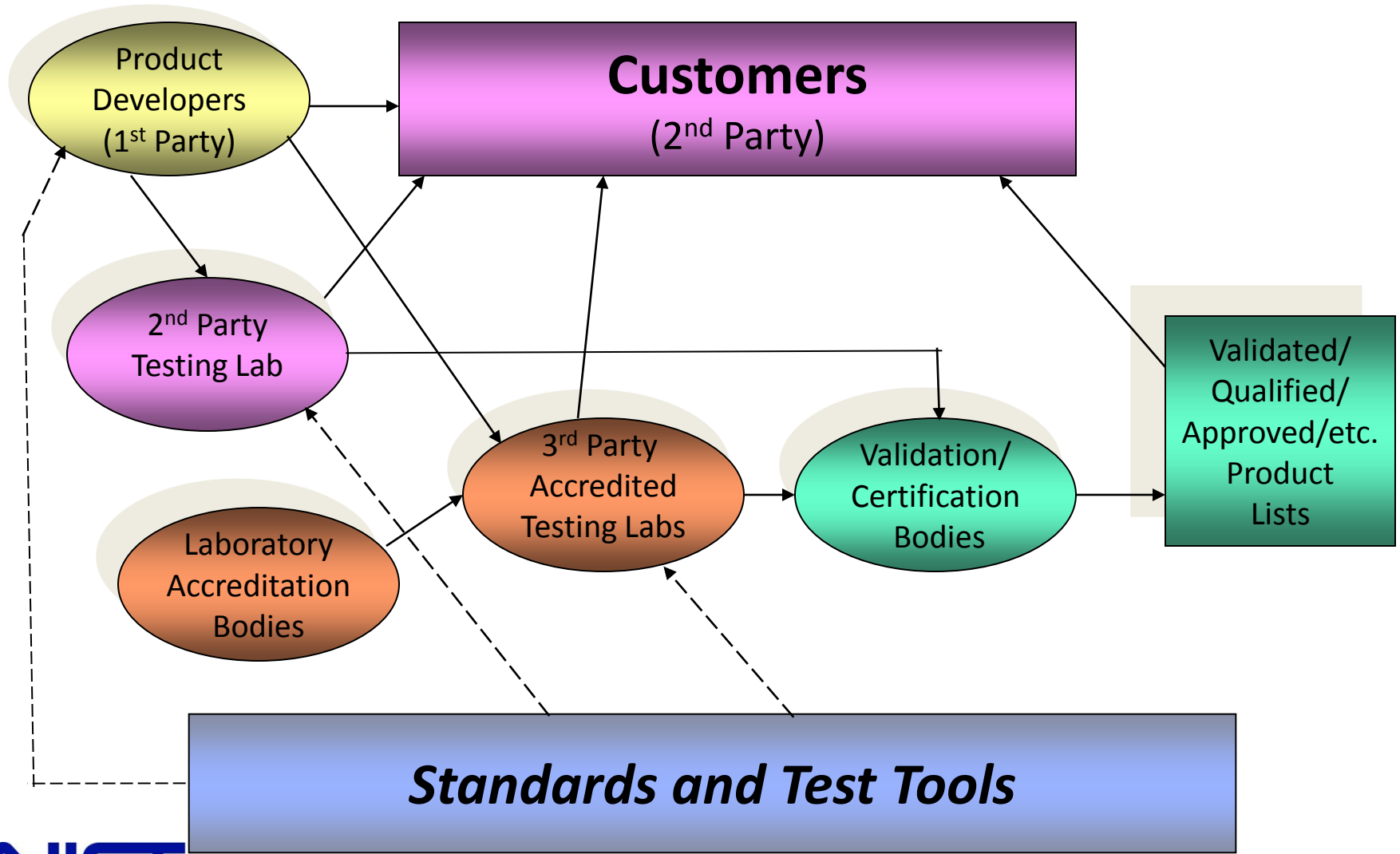
- The USG is developing use cases.
- Use cases define requirements.
- Where should the USG submit its requirements in support of cloud computing standards projects?
- Are there priority areas for voluntary consensus standards?
 - Interface standards (e.g., Common Cloud Computing Interface)?
 - Profiles?
 - *Cloud Software as a Service (SaaS)?*
 - *Cloud Platform as a Service (PaaS)?*
 - *Cloud Infrastructure as a Service (IaaS)?*

ICT Standards Development Cycle



Testing

- What testing is being developed in support of cloud computing standardization?
 - Conformance testing?
 - Interoperability testing?
 - Reference implementations?
 - Security testing?
- Who is doing/should be doing this testing?
 - 1st, 2nd, or 3rd party testing?
 - Certification?
 - Laboratory accreditation?



Report

- Roadmaps for Cloud Computing Standards
- Accelerating Standards Development
- Testing