



INFORMATION
TECHNOLOGY
LABORATORY

Information Technology Laboratory Updates

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$$(p-eA)^2/2m$$

010011000010 01000111000110
00101110101000011110101010
1101000010 10 11111000001001

$$E = -\partial A/\partial t$$

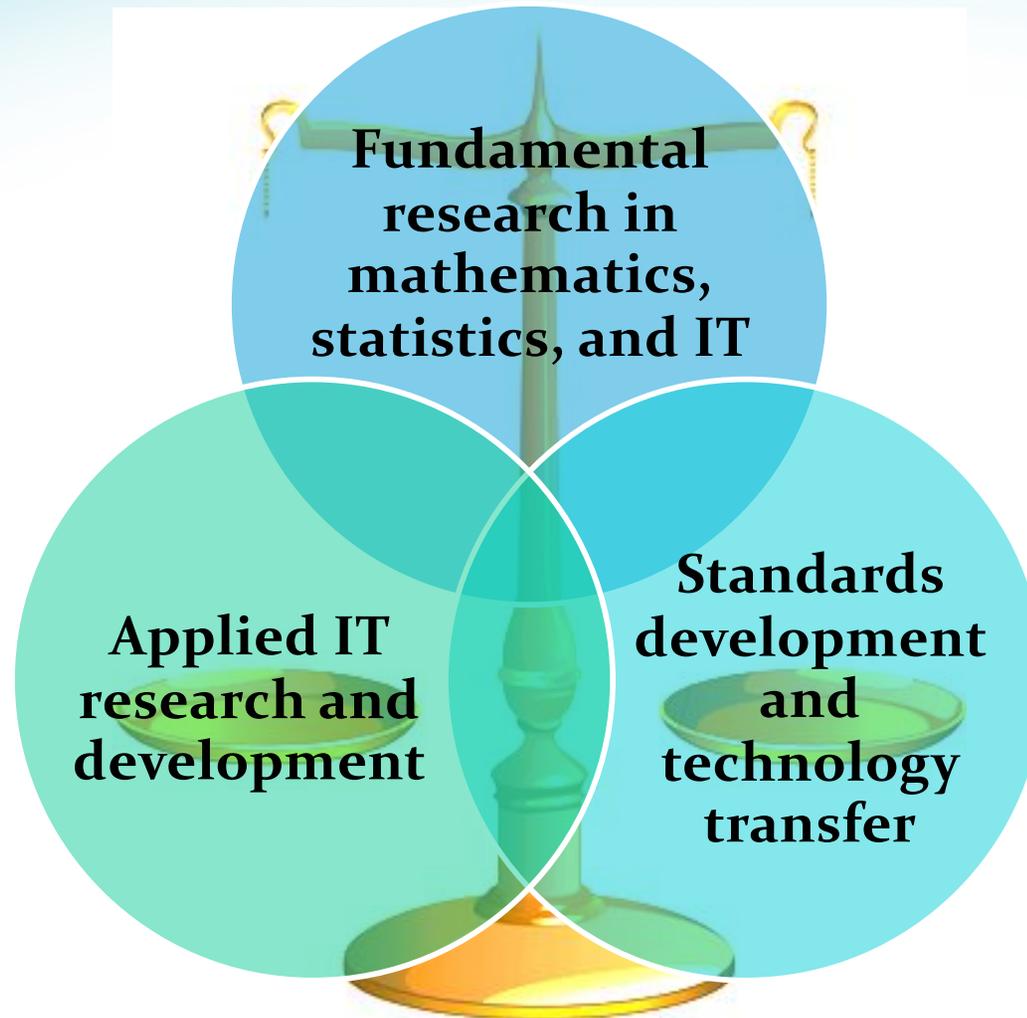
ITL Purpose

Cultivating Trust in
IT and Metrology

through
measurements,
standards and tests.



Science and Engineering Strategy



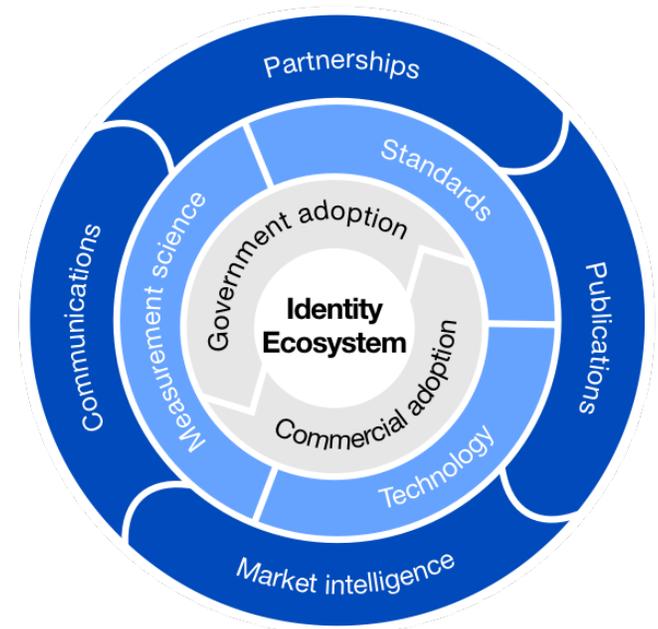
National Cybersecurity Center of Excellence

- Build trust in the digital economy and accelerate the adoption of standards-based cybersecurity technologies
- Partnerships and Collaborations
- Facility
- Outputs



National Strategy for Trusted Identities in Cyberspace

- Build trust in the digital economy through trusted digital identities
- Pilots
- NCCoE
- Lessons learned



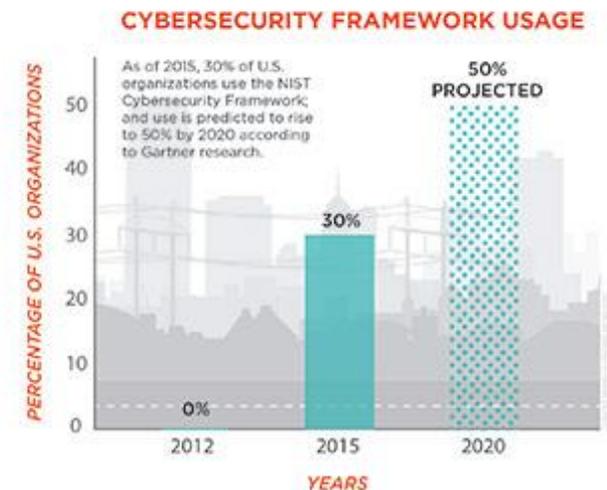
Cryptography

- Build trust in globally interoperable encryption standards
- Building Internal Capability
- International Engagements & Engagement with Broader Community
- Internal Policies



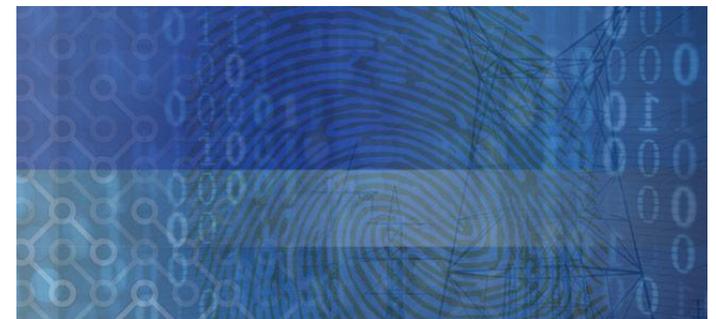
Cybersecurity Framework

- Manage/Reduce cybersecurity risk for owners/operators of critical infrastructure
- Minor update (Winter 2017)
- International Outreach
- Draft Baldrige Cybersecurity Excellence Builder

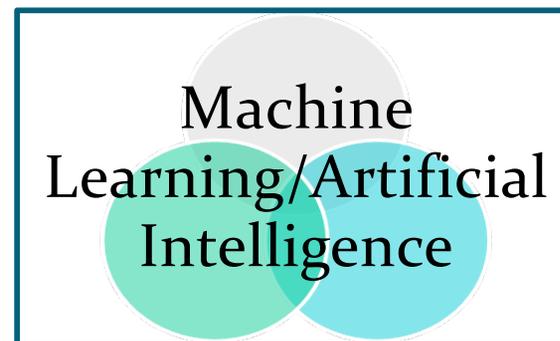
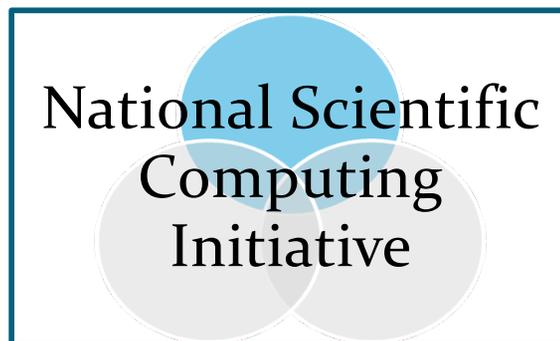
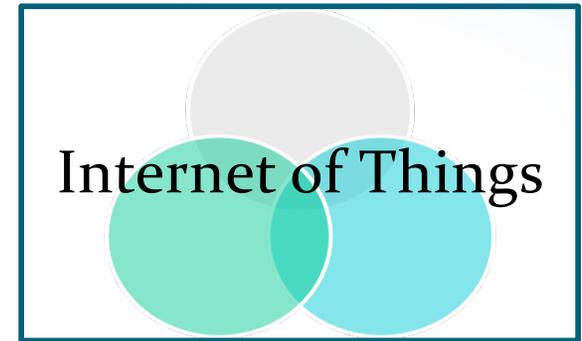
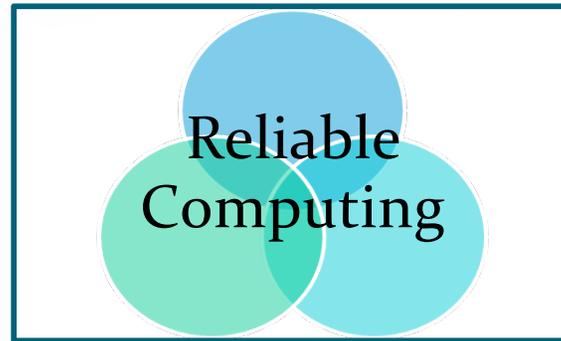
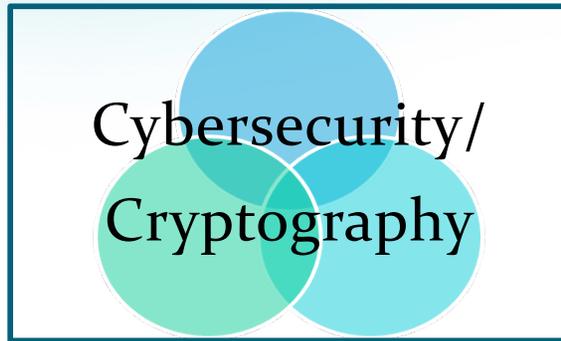
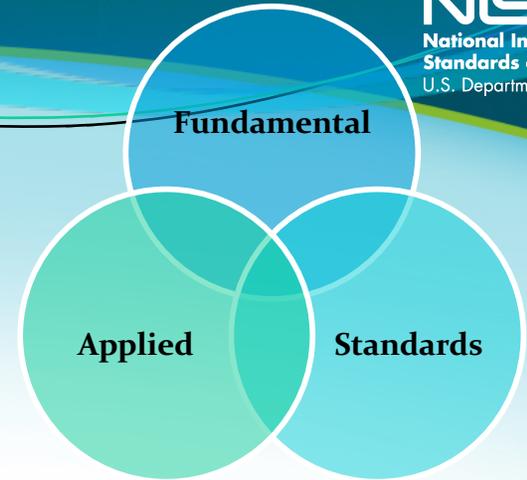


Presidential Commission on Cybersecurity

- Strengthen cybersecurity in the public and private sectors over the next decade
- Detailed and actionable recommendations to the President by December 1, 2016



Priorities



Transition Planning

- Administration Transition
- NIST Management
- Changing Priorities
- Cybersecurity

Questions

