NNSA
National Nuclear Security Administration

U.S. DEPARTMENT OF HOMELAND SECURITY

NATIONAL SCIENCE FOUNDATION

The Office of the National Coordinator for
Health Information Technology

NATIONAL INSTITUTES OF HEALTH

NIST
National Institute of
Standards and Technology

DARPA

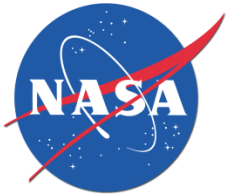
NITRD

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NOAA
U.S. DEPARTMENT OF COMMERCE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

NATIONAL SECURITY AGENCY
UNITED STATES OF AMERICA


NASA

Office of Science
U.S. DEPARTMENT OF ENERGY

AHRQ

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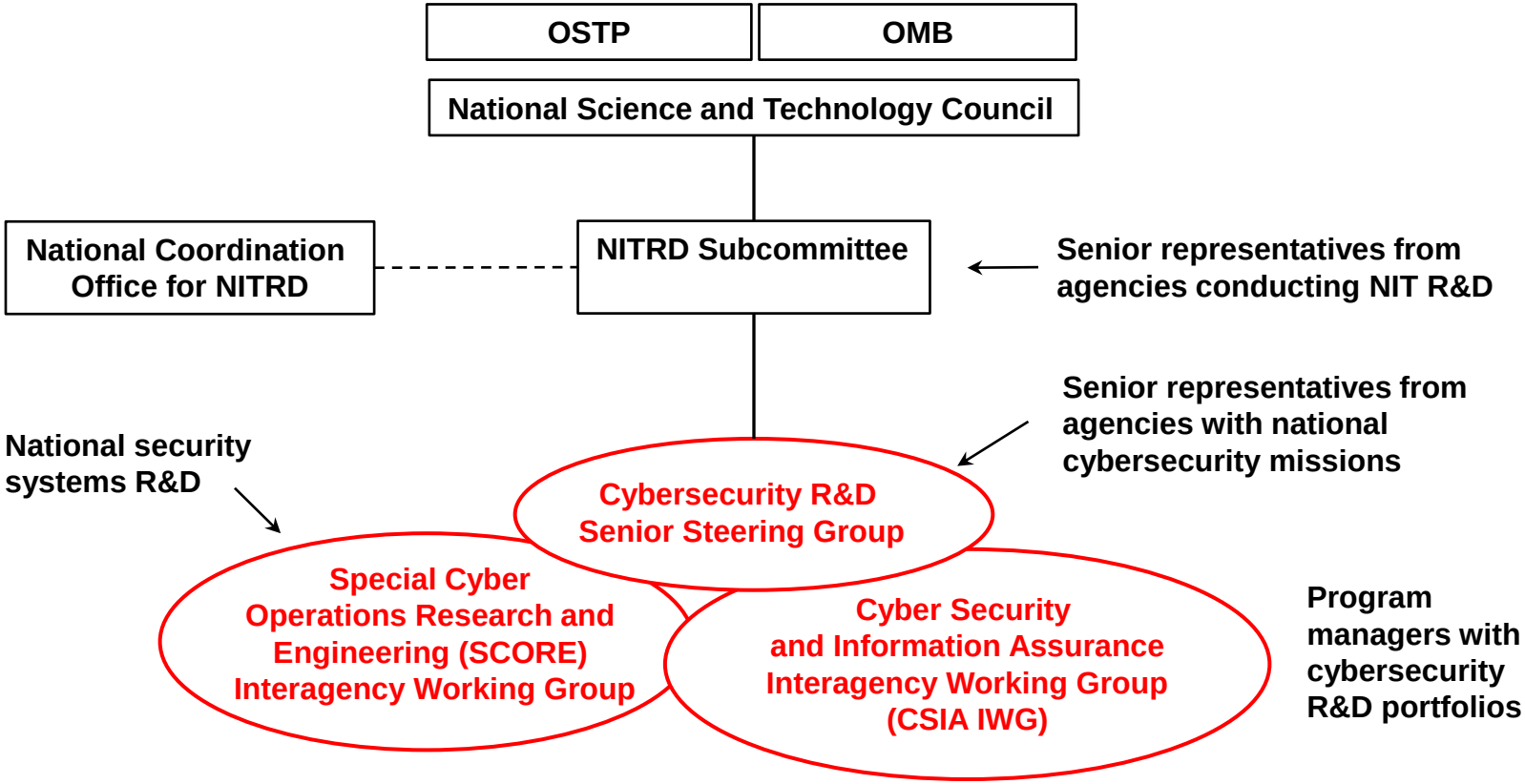
Networking and IT R&D (NITRD) Program

- Purpose
  - The primary mechanism by which the U.S. Government coordinates its unclassified Networking and IT R&D (NITRD) investments
  - Support NIT-related policy making in the White House Office of Science and Technology Policy (OSTP)
- Scope
  - Approximately $4B/year across 14 agencies, seven program areas
  - Cyber Security and Information Assurance (CSIA)
  - Human Computer Interaction and Information Management (HCI&IM)
  - High Confidence Software and Systems (HCSS)
  - High End Computing (HEC)
  - Large Scale Networking (LSN)
  - Software Design and Productivity (SDP)
  - Social, Economic, and Workforce Implications of IT and IT Workforce Development (SEW)

NITRD Structure for Cybersecurity R&D Coordination



Coordinated Effort on Game-Changers

- It's about trustworthiness of digital infrastructure
  - Security, reliability, resiliency, privacy, usability
  - How can we:
    - Enable risk-aware safe operations in compromised environments
    - Minimize system risk while increasing adversaries' costs and exposure
    - Support informed trust decisions, allowing for effective risk/benefit analyses and implementations
- Strong commitment to focus on game-changing technologies for coordinated cybersecurity R&D agenda
  - Comprehensive National Cybersecurity Initiative, Cyberspace Policy Review: http://www.whitehouse.gov/cybersecurity
  - Aneesh Chopra, President's Chief Technology Officer
  - Howard Schmidt, White House Cybersecurity Coordinator
  - NITRD Senior Steering Group, Interagency WGs CSIA, …

For More Information

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