2020 Annual Report

Information Security and Privacy Advisory Board

ISPAB

National Institute of Standards and Technology

U.S. Department of Commerce

Preface

The Information Security and Privacy Advisory Board (ISPAB or Board) was established in January 1988, pursuant to the Computer Security Act of 1987 (Public Law 100-235; 15 U.S.C. § 278g-4, as amended). The ISPAB is a Federal Advisory Committee Act (FACA) committee, and it advises NIST, the Secretary of Homeland Security (DHS), and the Director of the Office of Management and Budget (OMB) on information security and privacy for federal government systems, including thorough review of proposed standards and guidelines developed by the National Institute of Standards and Technology (NIST). The Board's authority does not extend to private sector or federal systems which process classified information. For more information, such as an ISPAB overview, scope and objectives, list of events, and access to presentations, visit ISPAB's website at: https://csrc.nist.gov/Projects/ispab

NIST values the diverse and highly respected perspectives from the ISPAB members and the Board's sound advice on NIST and the Federal Government's strategic direction, programs, and operations.

This 2020 Annual Report covers the period from the beginning of October 2019 through September 2020 (Fiscal Year 2020).

ISPAB Members During this Annual Report

Steven Lipner, Chair (06/20-09/20)
Executive Director
SAFECode
Term: 05/31/18 – 05/30/22

Chris Boyer, Chair (09/19-06/20)
Assistant Vice President, Global Policy
AT&T Services Inc.
Term: 06/11/16 – 06/10/20

Dr. Ana Anton
Professor
Georgia Tech University
Term: 11/04/15 – 11/03/19

Dr. Brett Baker
Assistant Inspector General for Audit
Nuclear Regulatory Commission
Term: 03/15/2018 – 03/14/2022

Akilesh Duvvur
Vice President Worldwide Cloud Platform
Products & Offering, IBM
Term: 01/31/2020 – 1/30/2024

Mr. Brian Gattoni
Chief Technology Officer (CISA)
Department of Homeland Security
Term: 08/07/19 – 08/06/23

Mr. Jeffrey Greene Esq.
Director, Gov. Affairs N. America &
Senior Policy Counsel, Symantec
Term: 10/27/15 – 10/26/19

Mr. Marc Groman
Principal, Groman Consulting Group LLC
& Adjunct Professor, Georgetown Law
Term: 09/12/2017 – 09/11/2021

Ms. Arabella Hallawell
Executive Vice President
WhiteSource
Term: 01/26/2020 – 01/25/2024

Ms. Patricia Hatter
Director
Qualys, Inc.
Term: 08/11/16 – 08/10/20

Mr. Douglas Maughan
Head of Office of Convergence Accelerators
National Science Foundation
Term: 08/07/19 – 08/06/23

Ms. Janine Pederson
Chief of Hardware Solutions Division
National Security Agency
Term: 03/05/19 – 03/04/23

Mr. Philip Venables
Chief Information Security Officer
Google Cloud
Term: 03/05/2020 – 03/04/2024

ISPAB Secretariat
Mr. Matthew Scholl
Chief, Computer Security Division
National Institute of Standards & Technology

ISPAB Designated Federal Officer
Mr. Jeff Brewer
Program Manager & Analyst
National Institute of Standards & Technology

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ISPAB Focus for Fiscal Year 2020

Topic 1: Election Security, Threats, and Vulnerabilities, Quantum Information Systems,

Topic 2: Artificial Intelligence,

Topic 3: NIST Publications and Guidance,

Topic 4: Zero Trust

Topic 5: 5g

ISPAB Meeting Information for Fiscal Year 2020

1) Information Security and Privacy Advisory Board (ISPAB) December 2019 Meeting

Date: December 04 – 05, 2019
Location: American University Washington College of Law, Tenley Campus
4300 Nebraska Ave NW, Washington, DC 20016
Open to the public

Presentations and/or Briefings:

- Center for Internet Security - Center for Internet Security Election Security Assistance,
- Cybersecurity Solarium Commission – Update on the Cybersecurity Solarium Report,
- DHS - Election Security Guidance Overview,
- GAO - Update on Report 20-256-T VA and Other Federal Agencies Need to Address Significant Challenges,
- Georgetown University - Election Security Threats and Vulnerabilities,
- Microsoft - Safeguarding the Election Program,
- NIST - Election Equipment Security Requirements,
- NIST - Information Technology Laboratory Overview and Updates,
- NIST - Privacy Framework,
- NIST – Zero Trust Networks,
- U.S. House Committee on Science, Space & Technology - Legislation Update on Draft Election Technology Research Act (ETRA).

For more information such as the Federal Register Notice, full agenda, and related detailed Meeting Minutes can be found at ISPAB's event page: https://csrc.nist.gov/Events/2019/ispab-december-2019-meeting

Recommendations from this Meeting

None

2) Information Security and Privacy Advisory Board (ISPAB) March 2020 Meeting

Date: March 25 – 26, 2020
Location: Day 1, National Museum of the American Indian (NMAI), Room 4018,
Fourth Street & Independence Ave, SW, Washington, DC 20560,

Location: Day 2, National Cybersecurity Center of Excellence (NCCoE), 9700 Great Seneca
Highway, Rockville, MD 20850
Open to the public

The March 2020 Meeting was canceled on March 11, 2020, based on guidance from federal, state, and local health officials due to the outbreak of COVID-19 to protect the health and safety of NIST employees, Board members, and the American public they continue to serve.

For more information, refer to ISPAB's event page: https://csrc.nist.gov/Events/2020/ispab-march-2020-meeting

Recommendations from this Meeting

None, meeting was canceled.

3) Information Security and Privacy Advisory Board (ISPAB) June 2020 Meeting

Date: June 24 – 25, 2020
Location: Virtual using Blue Jeans
Open to the public

Presentations and/or Briefings:

- Center for Strategic and International Studies (CSIS) - Industry Inputs on USG Compliance Programs,
- DHS & NIST - Telework Lessons and New Guidance,
- DOD - Cybersecurity Maturity Model Certification (CMMC),
- NIST - Executive Order on Strengthening National Resilience through Responsible Use of Positioning, Navigation, and Timing Services,
- NIST - Information Technology Laboratory Overview and Updates,

- NIST - National Initiative for Cybersecurity Education (NICE) Update,
- NIST - Overview of USG and US Testing, Assessment and Conformance Models,
- NSA - National Information Assurance Partnership (NIAP),
- Office of Rep. James R. Langevin (RI-02) - Solarium Report Implementation.

For more information such as the Federal Register Notice, full agenda, and related detailed Meeting Minutes can be found at ISPAB's event page: https://csrc.nist.gov/Events/2020/ispab-june-meeting

Recommendations from this Meeting

Concern for Insensitive Language in Technology and Security Standards
ISPAB submitted a letter to NIST expressing concern regarding many technology and security standards that may contain insensitive language.

Letter to Dr. Walter Copan, Undersecretary of Commerce for Standards and Technology and Director, NIST.

Response from Dr. Walter Copan, Undersecretary of Commerce for Standards and Technology and Director, NIST

ISPAB Charter Information

The current ISPAB Charter expired in February 2020 and was renewed, with a new expiration of February 2022. Information can be found at ISPAB's event page:
https://csrc.nist.gov/projects/ispab.

ISPAB Costs Fiscal Year 2020

Category	Estimated Costs	Actual Costs
Payments to Non-Federal Members	$0	$0
Payments to Federal Members	$0	$0
Payments to Federal Staff	$60,000	$65,364
Payments to Consultants	$0	$0
Reimbursement for Travel: Non-Federal Members	$10,000	$1,616
Reimbursement for Travel: Federal Members	$0	$126
Reimbursement for Travel: Federal Staff	$1,000	$0
Reimbursement for Travel: Consultants	$0	$0
Other Costs	$50,000	$33,758
Federal Staff Support:	.80	.4
Total	$121,000	$100,864

Cost Remarks: Costs were reduced for FY20 due to cancelation of March Meeting and the June Meeting conducted virtually, reducing travel needs.