

2023 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, as Congress enacted the Computer Security Act of 1987 (Public Law 100-235), which established the Board, and in accordance with the E-Government Act (Public Law 107-347), Title III, the Federal Information Security Management Act of 2002, amended the charter authority of the Board to its present form. The Information Security and Privacy Advisory Board is authorized by 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 the Department 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 through 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.

NIST values the diverse and highly respected perspectives from the ISPAB members and the Board's sound advice on NIST and the Federal Government strategic direction, programs, and operations. The function of this Committee cannot be performed by any other existing committee within the Department of Commerce (DOC) or the Federal Government.

Additional information regarding the ISPAB, such as membership, meetings, ISPAB's work plan, and documentation can be found at NIST's Computer Security Resource Center (CSRC) website: <https://csrc.nist.gov/projects/ispab>, as well as at the Federal Advisory Committee Act (FACA) Database: <https://www.facadatabase.gov/FACA/FACAPublicPage>.

This 2023 Annual Report covers the period from the beginning of October 2022 through September 2023 (Fiscal Year 2023).

ISPAB Members During this Annual Report

Steven Lipner, Chair

Executive Director

SAFECode

Term: 05/31/22 – 05/30/26

Dr. Brett Baker

Inspector General for the National Archives

National Archives & Records Administration

Term: 03/15/2022 – 03/14/2026

Ms. Giulia Fanti

Assistant Professor

Carnegie Mellon University

Term: 07/09/2021 – 07/08/2025

Ms. Jessica Fitzgerald-McKay (reappointed)

Co-Lead, Center for Cyber Security Standards

National Security Agency

Term: 3/04/2023 – 03/03/2027

Mr. Alex Gantman

Vice President Security Engineering

Qualcomm

Term: 12/21/2022 - 12/20/2026

Mr. Brian Gattoni (reappointed)

Chief Technology Officer, (CISA)

Department of Homeland Security

Term: 08/07/23 – 08/06/27

Ms. Cristin Goodwin

General Manager & Assoc. General Counsel

Microsoft

Term: 05/09/2022 – 05/08/2026

Mr. Marc Groman

Principal, Groman Consulting Group LLC

& Adjunct Professor, Georgetown Law

Term: 09/12/2021 – 09/11/2025

Ms. Arabella Hallawell

Executive Vice President

WhiteSource

Term: 01/26/2020 – 01/25/2024

Mr. Douglas Maughan

Head of Office of Convergence Accelerators

National Science Foundation

Term: 08/07/2019 -08/06/2023

Ms. Essye Miller

President

Executive Business Management

Term: 06/04/2021 – 06/03/2025

Ms. Katie Moussouris

CEO & Founder

Luta Security

Term: 07/09/2021 – 07/08/2025

Mr. Philip Venables

Chief Information Security Officer

Google Cloud

Term: 03/05/2020 – 03/04/2024

INFORMATION SECURITY AND PRIVACY ADVISORY BOARD
National Institute of Standards and Technology

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

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

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ISPAB Focus for Fiscal Year 2023

- Topic 1: Activities/Challenges/Planning for Executive Orders, and Resources for National Cybersecurity Strategy,
- Topic 2: Post Quantum Encryption and Cryptographic Transitions,
- Topic 3: Software Bill of Materials (SBOM),
- Topic 4: Artificial Intelligence,
- Topic 5: NIST Cybersecurity and Privacy Frameworks.

ISPAB Meeting Information for Fiscal Year 2023

1) Information Security and Privacy Advisory Board (ISPAB) October 2022 Meeting

Date: **October 26 – 27, 2022**

Location: (hybrid) American Institute of Architects, 2nd Floor Boardroom, 1735 New York Ave, NW, Washington, DC 20006, and via Blue Jeans webinar.

Open to the public

Presentations and/or Briefings:

- Georgia Institute of Technology - Open-Source Security Workshop Readout,
- Google – National Academies Report on Cryptography and the Intelligence Community: The Future of Encryption,
- HDS – Cyber Safety Review Board Log4J Report,
- MITRE – NIST Frameworks; Unpacking and Settling with 3 NIST Frameworks,
- NIST – AI Risk Management Framework,
- NIST – Cybersecurity and Privacy Update,
- NIST – Entropy Sources; Importance and Testing,
- NIST - Information Technology Laboratory Update,
- NIST – SP 800-63 Update and Plans for Identity,
- NIST – Update on Post Quantum Encryption and Cryptographic Transitions,
- OMB - OMB M-22-18 Enhancing the Security of the Software Supply Chain through Secure Software Development Practices,
- Public Comments
- Board Review and Discussion.

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/2022/ispab-october-2022-meeting>.

Recommendations from this Meeting

None

2) Information Security and Privacy Advisory Board (ISPAB) March 2022 Meeting

Date: **March 01 - 02, 2023**

Location: Grand Hyatt, 1000 H Street NW, Washington DC 20001

Open to the public (in-person only)

Presentations and/or Briefings:

- CISA (DHS) – Software Bill of Materials (SBOM) Activities for the Federal Agencies,
- DOC Ethics Attorney – Annual Mandatory Ethics Briefing,
- DoE – Agency CISO Activities/Challenges/Success in Prioritizing, Planning and Resourcing Cybersecurity Requirements,
- GAO – GAO Findings in Report GAO-23-106415 & 106428 Challenges in Establishing a Comprehensive Cybersecurity Strategy and Performing Effective Oversight,
- Microsoft and NSA – Enduring Security Framework (ESF) Supply Chain Risk Management Guidance Briefing,
- NIST – Information Technology Laboratory (ITL) Overview and Updates,
- NIST – NIST Cybersecurity and Privacy Updates,
- NIST – NIST Risk Management Framework Overview,
- OIG – Annual FISMA Reporting Requirements,
- OMB – The U.S. Government National Cybersecurity Strategy,
- Public Comments,
- Board Review and Discussion.

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/2023/ispab-march-2023-meeting>.

Recommendations from this Meeting

[Support and Recommendations for Software Bill of Materials \(SBOM\)](#) to CISA, DHS, and NIST.

3) Information Security and Privacy Advisory Board (ISPAB) July 2023 Meeting

Date: **July 12 - 13, 2023**

Location: Grand Hyatt Washington, Penn Quarter A, 1000 H Street NW, Washington, DC 20001
Open to the public (in person only)

Presentations and/or Briefings:

- AI/ML and Security and Privacy,
- JCDC – JCDC and DHS Secure-by-Design and -Default,
- NASA – NASA Secure by Design Use Case with Risk Management Framework,
- NIST (Director) – NIST Priorities for the Future,
- NIST – Information Technology Laboratory Overview and Updates,
- NIST – Update on NIST Privacy Engineering Program and Privacy Enhancing Technologies (PETS),
- OMB – Software Attestation,
- ONCD – National Cyber Strategy Update,
- Public Comment,
- Board Discussions.

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/2023/ispab-july-2023-meeting>

Recommendations from this Meeting

Currently Drafting

ISPAB Charter

The current ISPAB Charter was renewed in February 2022 and information can be found at ISPAB’s event page: <https://csrc.nist.gov/projects/ispab>. The current charter expires February 23, 2024.

ISPAB Meeting Costs for Fiscal Year 2023

| Category | Estimated Costs | Actual Costs |
|--|------------------------|---------------------|
| Payments to Non-Federal Members | \$0 | \$0 |
| Payments to Federal Members | \$16,000 | \$10,179 |
| Payments to Federal Staff | \$50,000 | \$41,417 |
| Payments to Consultants | \$0 | \$0 |
| Reimbursement for Travel: Non-Federal Members | \$14,000 | \$15,614 |
| Reimbursement for Travel: Federal Members | \$800 | \$0 |
| Reimbursement for Travel: Federal Staff | \$1,000 | \$211 |
| Reimbursement for Travel: Consultants | \$0 | \$0 |
| Other Costs | \$56,000 | \$65,309 |
| Federal Staff Support: | .30 | .30 |
| Total | \$137,800 | \$132,730 |

Questions or comments regarding this annual report can be directed to ISPAB's Designated Federal Officer (DFO) – Jeff Brewer (Jeffrey.Brewer@nist.gov).