



Security TWG

2024 Review and 2025 Plans

Presented by Eric Hibbard (snia-security-chair@snia.org)

Security TWG 2024 Accomplishments

- Security TWG Charter link/summary
 - <https://www.snia.org/securitytwg>
- SNIA TLS Specification for Storage Systems,
 - Version 2.2 Published
 - Update of ISO/IEC 20648 (TLS Spec) – BRM & FDIS
- Paper: Storage Security: Fibre Channel Security
- Security materials for Computational Storage Architecture
- Substantial contributions for:
 - IEEE Std 2883 series, storage sanitization standards
 - SNIA DPPC Data Protection Paper (draft)

Security TWG Work Items

- Major Work Items this TWG will work on in 2025
 - Update of SNIA TLS Specification for Storage Systems for PQC
 - Contribute to NIST SP 800-88 revision
 - Paper Update: Fibre Channel Security (address FC-SP-3)
 - Paper Update: Encryption and Key Management
 - Storage security presentations/webinars (SDC, BrightTalk)
 - Update of the “data security” and “legal” terms in the SNIA Dictionary
- SNIA Group collaboration:
 - SNIA communities and TWGs (security & privacy are cross-cutting)
- External group collaboration:
 - INCITS, DMTF, IEEE CPSC, TCG, IDSC, OCP, FCIA, ABA

Security TWG Membership as of 2025-01-10

- Chair, Eric Hibbard, CISSP, FIP, CISA; Samsung Semiconductor, Inc.
- Roster:
 - Bloombase
 - Broadcom Inc.
 - Dell Inc.
 - Hewlett Packard Enterprise
 - Hitachi
 - Huawei Technologies Co. Ltd.
 - IBM
 - InnoGrit
 - IEIT Systems (formerly Inspur Electronics Information Industry Co. Ltd.)
 - Kioxia Corporation
 - Lenovo
 - Marvell
 - Microchip Technology Inc.
 - Micron Technology Inc.
 - Microsoft Corporation
 - NetApp
 - Phison Electronics Corporation
 - Samsung Electronics Co. Ltd.
 - ScaleFlux
 - Seagate Technology
 - Silicon Motion Inc.
 - Solidigm
 - Toshiba America Electronic Components, Inc.
 - Western Digital
 - Individual Members

Security TWG Participation

- What is the expected industry impact of this work
 - Education, Best Practices, Formal Standards, Security/Threat Analysis
- What is the industry segment relevance.
 - Consumers/Users of Technology; Vendors/Developers/Implementors
- Why you should join and participate in this group
 - Monitor, Contribute, Coordinate, Educate
 - Weekly Calls – **Tuesdays 13:00 – 14:00 Pacific**
 - Active participants average 1-2 hours per week
- Who to contact for additional information
 - Chair, Security TWG (securitytwgchair@snia.org)