Security TWG

2023 Review and 2024 Plans

Presented by Eric Hibbard (eric.hibbard@samsung.com)

Security TWG 2023 Accomplishments

- Security TWG Charter link/summary
  - https://www.snia.org/securitytwg
- SNIA TLS Specification for Storage Systems, Version 2.x
- Security materials for Computational Storage Architecture
- Substantial contributions for:
  - ISO/IEC 27040:2024 (2nd Ed.), Storage security
  - IEEE Std 2883 series, storage sanitization standards
  - SNIA DPPC Data Protection Paper (draft)

SNIA

Security TWG Work Items

- **Major Work Items this TWG will work on in 2024**
  - Update of ISO/IEC 20648 (TLS Spec) – BRM & FDIS
  - Update of SNIA TLS Specification for Storage Systems
  - Paper: Fibre Channel Security
  - Storage security presentations/webinars (SDC, BrightTalk)
  - Update of the "data security" and "legal" terms in the SNIA Dictionary
- **SNIA Group collaboration:**
  - DPPC and all TWGs (security & privacy are cross-cutting)
- **External group collaboration:**
  - INCITS, IEEE CPSC, TCG, IDSC, OCP, FCIA, ABA

SNIA

Security TWG Membership as of 2024-01-012

- Bloombase
- Broadcom Inc.
- Dell Inc.
- Hewlett Packard Enterprise
- Hitachi
- Huawei Technologies Co. Ltd.
- IBM
- InnoGrit
- Inspur Electronics Information Industry Co. Ltd.
- Kalray
- Kioxia Corporation
- Lenovo
- Marvell
- Microchip Technology Inc.
- Micron Technology Inc.

- Microsoft
- Nutanix
- NetApp
- Pure Storage
- 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 Storage Technology; Vendors/Developers/Implementors
- Why you should join and participate in this TWG
  - 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)

SNIA