

Data Protection and Privacy Committee

2022 Review and 2023 Plans

Presented by Thomas Rivera and PK Gupta

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DPPC 2022 Accomplishments

The DPPC is the place where data protection and privacy experts from the data storage industry gather to improve standards, spread awareness and understanding, and share knowledge and insights into the future challenges of protecting all forms of data.

- DPPC Charter - <https://members.snia.org/document/dl/38152>
- Completed work – summary
 - Engagement in IEEE P2883 Standard for sanitizing storage
 - Published Industry Advisory - <https://members.snia.org/document/dl/38157>
 - Significant changes to storage security standards ISO/IEC 27040 & ISO/IEC 27001/2
 - ISO 27001 Published industry advisory - <https://members.snia.org/document/dl/38158>
 - ISO 27040 Published industry advisory - <https://members.snia.org/document/dl/38159>
 - Storage Security Summit
 - Presentations - https://www.youtube.com/playlist?list=PLH_ag5Km-YUZP560icltrfYhe3CjXd3Ji
 - Wrap up session – <https://members.snia.org/document/dl/38166>

DPPC Work Items

■ Work-in-progress

- Data Protection Best Practices white paper – Refreshing the 2017 publication
- Additions to SNIA's What Is...?
 - What is Replication? – completed and under DPPC review
 - What is Mirroring? – in progress and ready for DPPC review by 31 January
 - What is Erasure Coding? - in progress and ready for DPPC review by 31 January
 - What is Storage Sanitization? – planning to start 01 February

■ Ongoing work

- SNIA Dictionary
- SNIA Cross-Group collaboration and TWGs Supported
 - Collaboration with the Security TWG to provide input and commentary on key standards documents
- External group collaboration / Alliance work items
 - Representation on the IEEE Cybersecurity & Privacy Standards Committee
 - International Association of Privacy Professionals (IAPP)

Planned DPPC 2023 Work Items

- Advisories
 - ISO/IEC 27701
 - ISO/IEC 27040
 - Key per IO
- 100-year archive survey
- Quantum computing impact on encryption

DPPC Membership as of December 2022

- DPPC membership is open to all SNIA MEMBERS and there are no membership or participation fees.
- SNIA MEMBERS with active subscriptions
 - ActionSpot , Advanced Micro Devices, ARM Limited, Bloomberg, Broadcom Inc., Cisco Systems, Dell Inc., Enterprise Holdings, FADU Inc. , Fujitsu Limited, Hewlett Packard Enterprise, Hitachi, Huawei Technologies Co. Ltd., IBM, Inspur Electronic Information Industry Co., Ltd., Intel Corporation, Kioxia Corporation, Marvell, Microchip Technology Inc., Micron Technology Inc., Microsoft Corporation, NEC Corporation, NetApp, Phison Electronics Corporation, Pure Storage, Quantum Corporation USA, Samsung Electronics Co., LTD., Seagate Technology, Solidigm, Supermicro, Toshiba America Electronic Components, Inc., Twist Bioscience, VMware, Inc., Western Digital, Xsight Labs Ltd.
- Active Individual Members
 - Michael Dexter, Gainframe; Michael Jaslowski, Northern Trust; Mounir Elmously, Ernst & Young; Steffen Hellmold, Twist Bioscience; Tom Pearce, Cloudgate; SW Worth
- DPPC Co-Chairs
 - PK Gupta, Dell Inc. - dppc-gb-chair@snia.org
 - Thomas Rivera, VMware - dppc-gb-chair@snia.org

DPPC Participation

- Industry impact
 - To use our vendor neutral technology expertise to influence international standards, make sense of legislation, and provide access to best practice and education on Data Protection and Privacy issues.
- Industry segment relevance
 - ISO27040 Storage Security Standard revision (in progress) contains 'shall' statements for the first time. This means it will be used as a conformance standard to hold storage vendors to account.
 - New standard on data sanitization has impact on the way storage technology is disposed of.
 - 44% of CEO respondents rank Data Privacy among the top 3 policies most impactful to their business (PWC).
- Why you should join and participate in the DPPC
 - The DPPC aims to drive the storage narrative in highly prevalent issues of:
 - Data Privacy legislation
 - Cyber Security as it relates to storage
 - Ransomware and data protection strategies
- Please join the DPPC during its “open” Members' meeting on January 19th, 2023, from 2:00 PM to 4:00 PM Pacific Time
- For additional information about the DPPC contact
 - SNIA DPPC Facilitator – tom@snia.org