



# Technical Council

2023 Review and 2024 Plans

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# SNIA Technical Council

- Made up of technology leaders from across the industry
- Oversees the technical work of SNIA
- Create and oversee the Technical Work Groups (TWGs) to:
  - Carry out the technical activities of SNIA
  - Guide where best to develop that work
  - Review and approve the technical standards, architectures, and software produced
- Prepares general industry white papers on technology relevant to storage
- Maintains the Technical Work Group Policies and Procedures document
- Develops and produce the SNIA Storage Developer Conference (SDC)
  - Assist in the production of SDC India
- Maintains the SNIA Dictionary

# 2023 Achievements

# Coordinated SDC 2023

- Number of submissions: 177
- Number of presentations: 96
- Number of attendees: 285
- Number of topics covered: 18
- Co-hosted storage field day in conjunction with SDC
- Generated 42 Podcasts from SDC 2022
- Generated 9 weekend watch lists

# ”What is ...” Webpages Refreshed

- What is computational storage
- What is a DPU
- What is mirroring
- What is NVMe
- What is NVMe over Fabrics
- What is Fibre Channel
- What is iSCSI
- What is Persistent Memory
- What is an SSD

# Other Technical Council Work

- Dictionary updates
  - Reviewed 641 terms
    - 75 Capacity Terms, 249 Fibre Channel Terms, 243 'S' Terms, and 74 'T' Terms
  - Generated 5 update documents for the SNIA dictionary
- Created a version numbering scheme for SNIA standards development
- Updated templates
  - Standard
  - Internal draft
  - Technical proposal
  - White paper
- Guided Cloud Storage TWG on upcoming Cloud Object Storage Plugfest

# Technical Publications Reviewed and Approved by the Technical Council

# SNIA ISO Standards

- Submitted request to continue as ISO/IEC PAS Submitter
  - Presented at the ISO/IEC meeting on the process as a guide for other organizations
- ISO/IEC 5965:2023
  - Information technology — Swordfish Scalable Storage Management API Specification
- ISO/IEC DIS 20648
  - Information technology — TLS specification for storage systems
    - Currently addressing comments received during ISO ballot





# SNIA Technical Publications Approved by TC

- Computational Storage API v1.0
- Zoned Storage Models v1.0
- Swordfish Scalable Storage Management API Specification v1.2.5
- Persistent Memory Performance Test Specification v1.0

# Documents currently out for Public Review

- CDMI Extensions and Profiles

# Technical Council 2024 Plans

## ■ Work in Process

- SDC 2024 Agenda Development
- Creation, review, and update of SNIA “What is” pages
- Guidance of SNIA TWGs and technical activities
- Continued SNIA Dictionary review
- Creation, review and update of TC white papers

## ■ Technology areas being explored

- SNIA open-source software development
- Exploring SNIA involvement in storage for automotive

# Bringing New Technical Work into SNIA

- Do you have an idea for a new technical standard or a proprietary standard you would like to standardize?
- Find two other SNIA companies that agree with you
  - Statements of support from at least three active SNIA Member companies are a prerequisite for TWG approval. “Support” includes intent to actively participate in the TWG
- Create a proposal and present to the Technical Council for review and approval
  - Prepare a draft charter and proposed Program of Work
- Complete details are located in the [Guidelines for the Approval of SNIA TWGs](#)
- Need help with the process? Send an email to [tcmd@snia.org](mailto:tcmd@snia.org)
- Other ideas for SNIA to get involved in? Send an email to [tcchair@snia.org](mailto:tcchair@snia.org)