



Technical Council

2024 Review and 2025 Plans

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SNIA Technical Council

- Made up of technology leaders from across the industry
- Oversees the technical work of SNIA
- Creates and oversees 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 produces the SNIA Developer Conference (SDC)
- Maintains the SNIA Dictionary

2024 Achievements

SNIA Developer Conference (SDC)

- Regional SDC Austin

- April 24, 2024
- First Regional SDC
 - 10 invited speakers presented about industry leading topics:
 - Computational Storage, CXL, AI, NVMe

- SDC 2024

- September 16-18, 2024
- 97 presentations covering 15 topic areas selected from 138 submissions
- Presented to 278 attendees
- Presentations now available through the SNIA library

Other Technical Council Work

- Guided Cloud Storage TWG on SNIA's first Cloud Object Storage Plugfest
- Started task forces to investigate what SNIA could do related to:
 - Storage for AI
 - Storage for Automotive
- Updated TWG processes for the new SNIA Membership model
- Updated the TWG P&P to version 4.9
- Dictionary updates
 - Reviewed 480 terms
 - 263 'S' Terms, 97 'T' Terms, 30 'U' Terms, 55 'V' Terms, 35 Security Terms, and several miscellaneous terms
 - Generated 7 update documents for the SNIA dictionary

Technical Publications Reviewed and Approved by the Technical Council

SNIA ISO Standards

- ISO/IEC 20648:2024
 - Information technology — TLS specification for storage systems



SNIA Technical Publications Approved by TC

- Swordfish Scalable Storage Management API v1.2.7
- Swordfish Scalable Storage Management API v1.2.6
- TLS Specification for Storage v2.2

Documents currently out for Public Review

- Smart Data Accelerator Interface (SDXI) Specification v1.0.3r5
- Computational Storage Architecture and Programming Model v1.0.4
- SNIA Emerald™ Power Efficiency Measurement Specification for Data Center Storage Devices v0.0.36
- CDMI Extensions and Profiles

Technical Council 2025 Plans

- Work in Process
 - Regional SDC Denver Agenda Development
 - April 30, 2025
 - SDC 2025 Agenda Development
 - September 15 – 17, 2025
 - Creation, review, and update of:
 - SNIA “What is” pages
 - TC white papers
 - Guidance of SNIA TWGs and technical activities
 - Continued SNIA Dictionary review
- Continue investigation of SNIA contribution for:
 - Storage for AI
 - 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
- Other ideas for SNIA to get involved in? Send an email to tcchair@snia.org