Storage Networking Industry Association

Michael Oros
Executive Director

170
industry leading organizations

2,500
active contributing members

50,000
IT end users & storage pros worldwide

Learn more: www.snia.org
SNIA Vision and Mission

Vision Statement

- Be the globally recognized and trusted authority for storage leadership, standards, and technology expertise.

Mission Statement

- Lead the storage industry worldwide in developing and promoting vendor-neutral architectures, standards, and educational services that facilitate the efficient management, movement, and security of information.
What We Do

- **Standards Development and Adoption**
  - Spec development; submissions for International Standard ratification (ISO/IEC)
  - Open source software to accelerate adoption

- **Interoperability Assurance**
  - Plugfests & conformance testing

- **Technology Acceleration and Promotion**
  - Special Interest Groups to promote technologies
  - Vendor collaboration to accelerate adoption

- **Global Vendor-Neutral Education**
  - Peer-reviewed webcasts and tutorials
  - Conferences and presentations
  - White papers, articles, blogs, etc.
  - IT training and certification courses
Areas of Focus

**PHYSICAL STORAGE**
- Solid State Storage
- Hyperscaler Storage
- Object Drives
- Connectors, Form Factors & Transceivers

**DATA MANAGEMENT**
- Protection
- Integrity
- Retention

**DATA SECURITY**
- Storage Security
- Privacy and Data Protection Regulations

**CLOUD STORAGE TECHNOLOGIES**
- Data Orchestration
- Data into and out of the Cloud

**PERSISTENT MEMORY**
- NVDIMMs
- Non-Volatile Memory Programming Model

**POWER EFFICIENCY MEASUREMENT**
- SNIA Emerald™ Power Efficiency

**NEXT GENERATION DATA CENTER**
- Software Defined Storage
- Composable Infrastructure
- Next Generation Storage Management API

**NETWORKED STORAGE**
- Data Access Protocols
- Networking Technologies for Storage

**STORAGE MANAGEMENT**
- Device and System Management
2018 Technical Work Group Activity

PHYSICAL STORAGE
- Solid State Storage Performance Test Spec v2.0
- Object Drive Key Value API Spec v1.0
- SFF Technology Affiliate:
  - Connector, Form Factor and Transceiver Standards
  - Real World Workload Spec for Datacenter Storage v1.0

DATA MANAGEMENT
- Linear Tape File System Format Spec v3.0

DATA SECURITY
- Data Protection White Paper
- Transport Layer Security for Storage Spec v1.1

CLOUD STORAGE TECHNOLOGIES
- Cloud Data Management Interface (CDMI) Spec v2.0
- CDMI Reference Implementation v1.0

PERSISTENT MEMORY
- Non-Volatile Memory Programming Model (NVPM) v1.3
- Persistent Memory Hardware Threat Model v1.0
- NVPM Remote Access for High Availability White Paper

POWER EFFICIENCY MEASUREMENT
- SNIA Emerald™ Power Efficiency Measurement Spec v3.0 & v4.0

NEXT GENERATION DATA CENTER
- SNIA Swordfish™ v1.0.6 - RESTful Storage Management API for Cloud Data Centers
- Swordfish Emulator and Basic Web Client Software

NETWORKED STORAGE
- Requirements for Cross-Industry Alliances

STORAGE MANAGEMENT
- Storage Management Initiative Specification (SMI-S) v1.8
2018 Technology Communities

- **Cloud Storage**
  - Data Management, Movement, and Orchestration
- **Ethernet Storage**
  - Next generation enterprise and cloud storage infrastructure
- **Green Storage**
  - Power efficiency
- **Solid State Storage**
  - Flash; NVDIMM; Persistent Memory; workloads and performance management
- **Storage Management**
  - Current and emerging storage management standards
- **Transceivers and Formfactors**
Top 3 Reasons to Join SNIA

**INFLUENCE**
- Influence storage technologies important to the marketplace
- Amplify your vendor storage expertise and reputation
- Participate in the development of international standards

**COLLABORATE**
- Participate in multi-vendor interoperability activities
- Gain insight into disruptive industry trends
- Form strategic alliance partnerships
- Develop relationships throughout the industry

**LEAD THE INDUSTRY**
- Educate on all things storage
- Drive standards development and adoption
- Align strategic business objectives with worldwide standards
SNIA – Events and Certification

❖ Register for SNIA’s Storage Developer Conference (www.snia.org/sdc)
  September 24-27, Hyatt Regency, Santa Clara, CA
  - FMS attendees receive a $200 discount! Register at
    https://www.regonline.com?eventID=2174546&rTypeID=772065
    and use Registration code SDC18FMS

❖ SNIA’s Persistent Memory Summit (www.snia.org/pm-summit)
  January 24th at the Hyatt Regency, Santa Clara, CA
  - Registration is free! Register at

❖ Get SNIA Certified! More information can be found at
  https://www.snia.org/education/certification
SNIA – Newsletters, Media, Social Media

- SNIA on YouTube – Hundreds of Technology-focused presentations are available for free at [https://www.youtube.com/user/SNIAVideo](https://www.youtube.com/user/SNIAVideo)
- SNIA Webcasts on BrightTalk – view upcoming and on-demand webcasts at [https://www.brighttalk.com/channel/663/snia-webcasts](https://www.brighttalk.com/channel/663/snia-webcasts)
- SNIA Podcasts - [https://www.snia.org/events/storage-developer/podcasts](https://www.snia.org/events/storage-developer/podcasts)
- SNIA on Storage Blog - [http://sniablog.org](http://sniablog.org)
- SNIA on Twitter - [https://twitter.com/SNIA](https://twitter.com/SNIA)
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- SNIA on Facebook - [https://www.facebook.com/SNIA.ORG](https://www.facebook.com/SNIA.ORG)
SNIA Activities at FMS 2018

✦ Tuesday August 7
  • 3:40 – 6:00 pm – Persistent Memory Track - Hardware sponsored by SNIA, JEDEC & OFA Ballroom E
  • 4:00 – 7:00 pm – SNIA in Booth #820 featuring Persistent Memory demos, Exhibit Hall
  • 7:15 – 9:00 pm – FMS Chat with the Experts – SNIA leadership at tables on persistent memory, NVDIMM, and Remote Persistent Memory – Ballrooms A-E

✦ Wednesday August 8
  • 8:30 – 10:50 am – Persistent Memory Track - Software & Applications – GAB J
  • 8:30 – 10:50 am - New Flexible Form Factors for Enterprise & Data Center SSDs Session – GAB K
  • 8:30 – 9:35 am – Testing/Performance Analysis Session – Ballroom F
  • 12:00 – 7:00 pm – SNIA in Booth #820 featuring Persistent Memory demos, Exhibit Hall
  • 3:20 – 5:45 pm – Persistent Memory Track – Remote Persistent Memory – GABR 3

✦ Thursday, August 9
  • 10:00 – 2:30 pm – SNIA in Booth #820 featuring Persistent Memory demos, Exhibit Hall
Be ProActive! Be in the know!
Join SNIA and the Global Storage Community!

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