



An Introduction to the Storage Networking Industry Association



185
industry leading
organizations



2,000
active contributing
members



50,000
IT end users & storage
pros worldwide

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

- Connectors, Form Factors & Transceivers
- Solid State Storage
- Hyperscaler Storage
- Object Drives
- Computational Storage

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



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 (NVMPM) v1.3
- Persistent Memory Hardware Threat Model v1.0
- NVMPM Remote Access for High Availability White Paper

POWER EFFICIENCY MEASUREMENT

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

NEXT GENERATION DATA CENTER

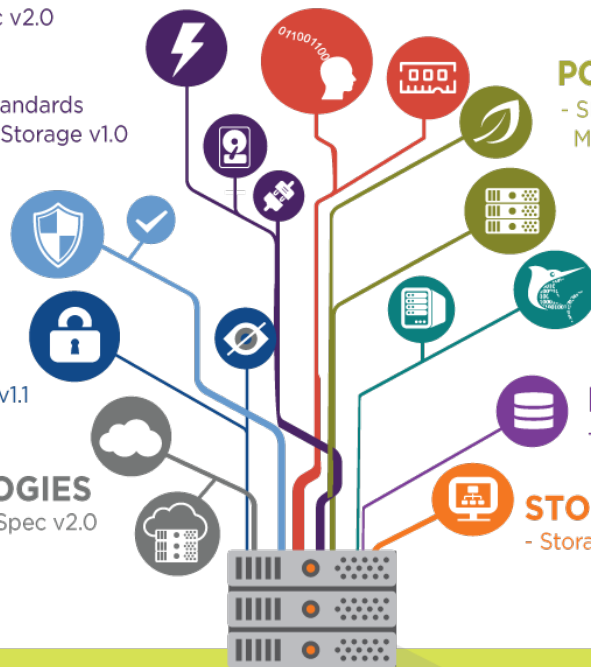
- SNIA Swordfish™ v1.0.6 – RESTful Storage
Management API for Cloud Data Centers
- Swordfish Emulator and Basic Web Client Software

NETWORKED STORAGE

- Requirements for Cross-Industry Alliances

STORAGE MANAGEMENT

- Storage Management Initiative Specification (SMI-S) v1.8



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
- ◆ Storage Management
 - ◆ Current and emerging storage management standards

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