



## An Introduction to the Storage Networking Industry Association



**170**  
industry leading  
organizations



**2,500**  
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



# 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 (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

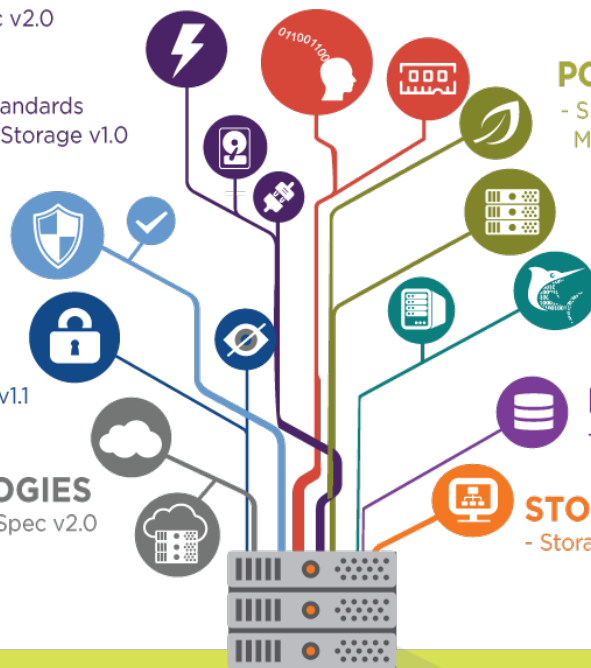
- SNIA Swordfish™ v1.0.6 – RESTful Storage  
Management API for Cloud Data Centers
- Swordfish Emulator and Basic Web Client Software

## NETWORKED STORAGE

- Requirements for Cross-Industry Alliances

## STORAGE MANAGEMENT

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



# 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
- **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