



Storage Management

2024 Review and 2025 Plans

Richelle Ahlvers, Intel, Storage Management Governing Board Chair

Storage Management

A SNIA Community

- Charter: <https://members.snia.org/wg/sminit/document/32778>
- Mission:
 - The SNIA Storage Management Community is dedicated to fostering the creation of implementable, deployable and verifiable end user storage management solutions based on industry and SNIA standards that can be adopted industry wide.

SM 2024 Accomplishments

- Changed from SMI to “Storage Management”, A SNIA Community
- Registered trademark: SNIA Swordfish®
- Swordfish: Added enhanced support for NVMe / NVMe-oF to Redfish and Swordfish, and focused on enabling execution
- Partnered with NVMe, DMTF, and OFA to promote Redfish, Swordfish for NVMe, Storage Fabric Management
- Sponsored the SNIA Pavilion at FMS and SNIA reception; public demo debut of open-source Swordfish implementation for NVMe drives, highlighted again at SC’24
- At SDC: Hosted client workshop, Return of the Hands-on Lab! Great response! Increased participation in all management-related sessions – double-digit attendance!
- Sponsored Open Standards Pavilion at SC’24: 11 SNIA and partner booths
- Swordfish CTP versions 1.2.5a, 1.2.6 and 1.2.7 active!
- Swordfish CTP conformance vendors posted!
- ISO Release of version 1.2.4a
- Popular Webcasts – hundreds of views:
 - Casting the Net: Scaling Management of Storage and Fabrics
 - Why Storage Management Standards Matter in Complex Virtualized Environments
 - Catch the Wave – Managing NVMe-oF™ in the Enterprise



Storage Management: 2025 Priorities

Leverage new SNIA membership models to:

- Drive and expand use of interoperability environment (SM lab) for storage standards
- Support the Swordfish TWG, and other TWG manageability activities
- Drive client-focused programs:
 - April Swordfish plugfest
- Accelerate Swordfish development and adoption, through interoperability, conformance, education and marketing activities
 - Why is standards-based storage management important? Then, why Swordfish.
- Partner with other organizations to expand storage management standards
 - Active alliances with DMTF, NVM Express, SODA, OFA, OCP, and more.



Storage Management: Structure



Storage Management

Programs

Operations
(Governing Board)

SM Lab

Hewlett Packard
Enterprise







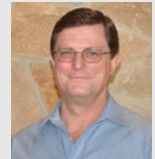
Swordfish CTP
(premium services)

Marketing

Conformance
Development

Interoperability
Lab Enablement

SM Governing Board

	<p>Richelle Ahlvers, SM Chair Storage Management Architect, Intel SNIA Board Secretary and Executive Committee, and SM Conformance Committee Chair</p>
	<p>Chris Lionetti, SM Vice-Chair Senior Technical Marketing Engineer, Hewlett Packard Enterprise SNIA Vice Chair and Executive Committee</p>
	<p>Krishnakumar Gowravaram Senior Principal Engineer, Celestica SM GB Member</p>
	<p>Barry Kittner SM GB Member-at-Large</p>
	<p>Don Deel SM GB Member-at-Large</p>

Join SM, SM Lab, CTP

Group	Join	Program Cost
Storage Management Community	Available with SNIA membership	NC
SM Lab	Storage Management Community membership required to participate	NC
Swordfish Conformance Testing Program Subscription Fee	Swordfish CTP Subscriber – (SNIA Member)	\$10,000 US
	Swordfish CTP Subscriber (non-SNIA member)	\$15,000 US

- Elections for SM Governing Board seats open to voting member companies through end of January 2025.

2025 Current Planned Activities



- Spring SDC / SNIA Week in conjunction with SDC Regional Colorado
 - Swordfish plugfest
- Promotion / Marketing:
 - Swordfish 1.2.8 ++ releases
- Education:
 - Webinar, podcast and blogs on new Swordfish functionality, programs and implementations
- Events:
 - Participation in Open Standards Pavilion at SC'25 in St. Louis

Storage Management Participation

- Targeted Industry Impact:
 - Promoting and accelerating adoption of industry standard storage management standards
 - Educating on importance of storage management and storage management standards
- Target Industry segments: All storage infrastructure (physical and virtual)
- Join the Storage Management community and participate in programs to accelerate adoption of storage standards and drive interoperability
 - Join to help with marketing and education: we need resources to do more!
 - Participate in lab activities: test-a-thons, hack-a-thons, interoperability testing, accelerating development, work with conformance tests during development
 - Join Conformance Test Program – NVMe, FC, SAS, SATA, iSCSI
- For additional info, contact storagemanagement@snia.org