

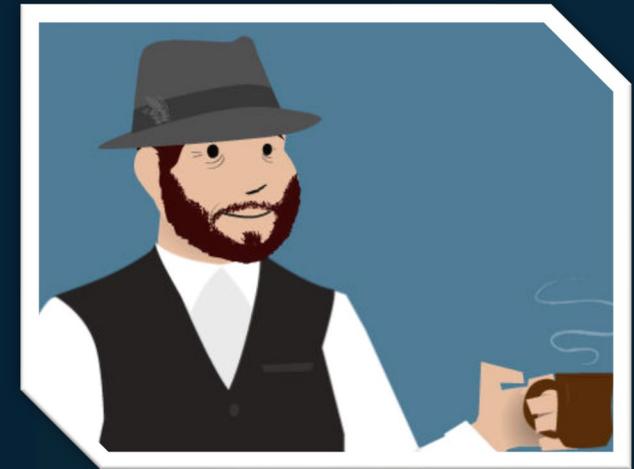
STORAGE DEVELOPER CONFERENCE



BY Developers FOR Developers

Welcome to SDC'23

Presented by J Metz
Chair, SNIA Board of Directors





SNIA®

**Before
we
begin...**

In Memoriam, Mark Carlson

December 29, 1955 - May 3, 2023

- Pillar of SNIA technical work for the last 23 years.
- His work on industry standards had a global impact with many of them becoming international standards through ISO/IEC.
- Key participant in the development of every SDC agenda since its inception, including SDC EMEA and SDC India.





SNIA®

Experts
on
Data

... because *you* are
the Experts on Data!

About SNIA

- Standards
- Technology Initiatives
- SNIA Education
- SNIA Events



Blast From The Past



- 2001 Technical Highlights
 - IP Storage Technical Work Group
 - NFS/RDMA Technical Work Group
 - CIFS 2001 Conference & Technical Reference Guide

Blast From The Past

[AMS Official Use Only - General]

SNIA Education

60 SNIA Technical Tutorials ~ SNW Fall 2008

Tracks

- Applications
- Data Protection and Management
- File Systems and File Management
- Green Storage
- Networking
- Security
- Storage
- Storage Management
- Virtualization/Standards

3 Professional Development Tutorials ~ SNW Fall 2008

Tracks

- Communication
- Leadership
- Team and Career development skills



■ 2007-8 Technical Highlights

- Green Storage Initiative (GSI)
- SMI-S
- XAM (eXtensible Access Method)
- iMA (iSCSI Management API)
- NDMP (Network Data Management Protocol) v4
- Common RAID Disk Data Format (DDF) v2
- Multipath Management API (MMA)

Some Predictions Were Correct

- 2007

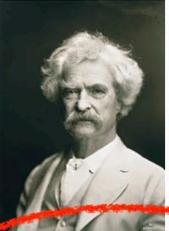
Fibre Channel is Here to Stay.



EDUCATION

What's New?

- A Roadmap to the Future!



The report of my death was an exaggeration.

Fibre Channel Technologies
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23

Some Predictions Were Correct

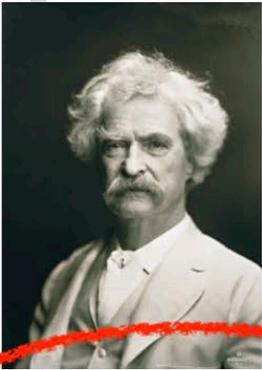
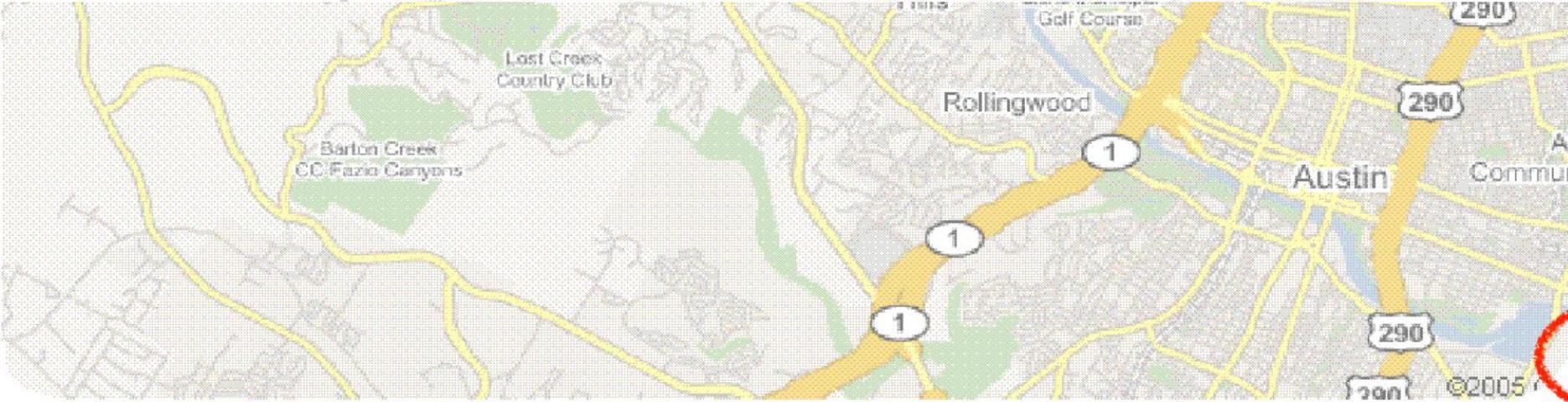
- 2007

Fibre Channel is Here to Stay.



EDUCATION

What's New?



The report of my death was an exaggeration.

Tuesday Agenda At-a-Glance

8:45 AM – 9:00 AM SDC 2023 Welcome Remarks

9:00 AM – 5:00 PM SNIA SMB3 Interoperability Lab

9:00 AM – 12:00 PM Keynote Presentations

10:30 AM – 1:30 PM SNIA Swordfish® Hands-on Lab

1:00 PM – 4:55 PM Breakout Sessions

5:00 PM – 7:00 PM SDC Networking Reception

7:00 PM – 9:00 PM Birds-of-a-Feather Sessions

SNIA SMB3 Interoperability Lab

- September 17-21, 2023

UNDERWRITTEN BY



- Vendors bring their implementations of SMB3 to test, identify, and fix bugs in a collaborative setting with the goal of providing a forum in which companies can develop interoperable products.

2023 SNIA SMB3 Interoperability Lab Participants (As of 9/7/23)



Keynote Speakers

- **Software-Enabled Flash™ For Storage Developers**
 - Eric Ries Chairman of the Software-Enabled Flash Project and SVP, KIOXIA America
 - Scott Stetzer Strategy Lead for the Software-Enabled Flash Project, and VP, KIOXIA America
- **Storage in Space Enables and Accelerates Edge of the Edge Computing on the International Space Station (ISS)**
 - Mark Fernandez, Chief Scientist, Space Technologies and Solutions, HPE
- **Is SSD with CXL interfaces brilliantly stupid or stupidly brilliant?**
 - Yang Seok, Vice President, Samsung Semiconductor Inc.
- **Sharpening Our Pencil on Carbon Measurement and Reduction**
 - Erik Riedel, Chief Engineering Officer, Flax Computing

Birds-of-a-Feather Meetings

Tuesday, 7:00 PM - 8:00 PM

- Software-Enabled Flash Deeper Dive - Salon VI & VII
- Green, Sustainable, Long-term Storage - Salon IV
- Swordfish Client-Vendor Meetup - Salon II & III
- What is Happening with Computational Storage - Salon V

Tuesday, 8:00 PM - 9:00 PM

- SNIA STA Forum: SAS Plugfest & Org Changes - Salon II & III
- Navigating S3 Compatibility Challenges: An Interactive BoF Discussion - Salon IV
- Exploring the Latest Advancements in NFS Performance Optimization Enabled by SmartNICs - Salon V

Wednesday, 8:00pm - 9:00pm

- Flexible Data Placement - What, How, and Why - Salon IV
- SFF TA Evolution as Seen from the Opinionated Experts - Salon II & III

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SNIA SMB3 INTEROPERABILITY LAB UNDERWRITER



ASSOCIATION PARTNERS



MEDIA & EVENT PARTNERS

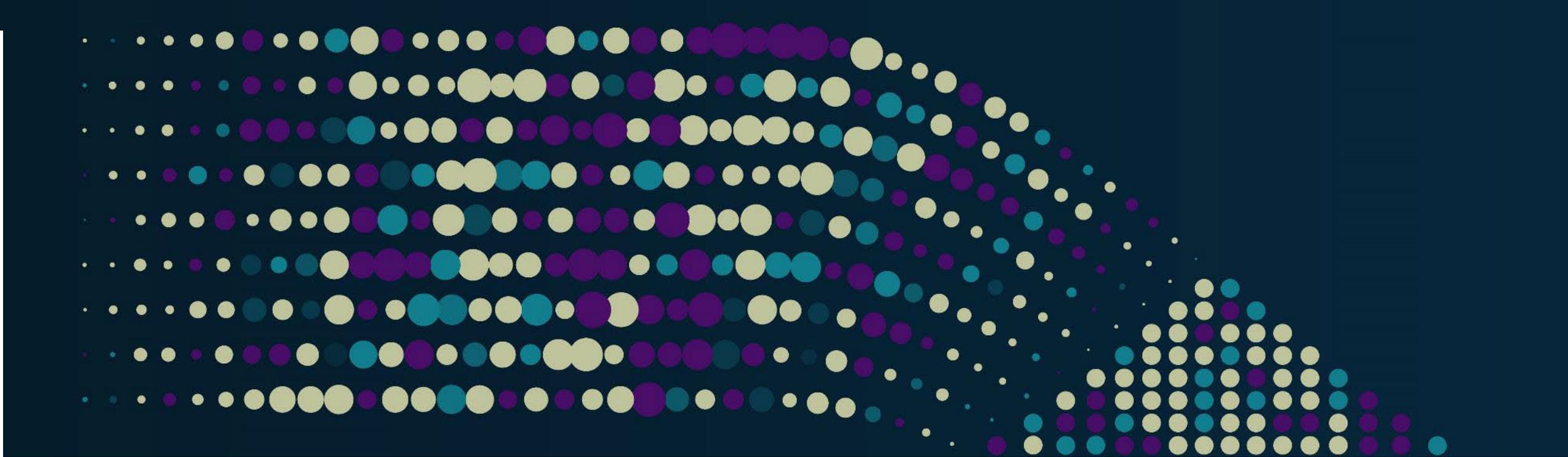


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SNIA WORKSHOP UNDERWRITERS





Have a great SDC!

Thank you Attendees, Speakers, and Sponsors