



BY Developers FOR Developers

Storage Developer Conference
September 22-23, 2020

Welcome to SDC 2020





Welcome

Michael Oros, Executive Director, SNIA

About SNIA

- Standards
- Interoperability Lab and Plugfest/Conformance Test Programs
- Technology Initiatives
- SNIA Education
- SNIA Events

Thank You!!

Attendees, Speakers, and Sponsors

Underwriter



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2020 SNIA SMB3
Interoperability Lab



Association Partners



Media Partners



Sponsors as of 9.21.20

Navigating the Virtual Event Site

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THANKS FOR JOINING US VIRTUALLY!

STORAGE DEVELOPER CONFERENCE 2020

Produced by developers for developers, SDC is proud to offer a conference program that will inform you on the latest technologies. SDC also provides important virtual opportunities for networking with your industry peers and leaders.

[HALLWAY TRACK CHAT](#)

130+

Breakout Sessions

7

Keynote Presentations

140+

Hours of Content

9

Hands on Live Sessions

Agenda At-a-Glance

8:00 AM PMEM Programming Boot Camp

8:00 AM SNIA SMB3 Interoperability Lab

8:30 AM – 8:40 AM SDC 2020 Kickoff

8:40 AM – 11:20 AM Keynote Presentations

11:20 AM Breakout Sessions Available On-Demand

3:00 PM – 6:00 PM Birds-of-a-Feather Sessions

Tuesday Keynote Speakers

- **Introducing SDXI (Smart Data Acceleration Interface): A New SNIA TWG to Standardize a Memory to Memory Data Movement and Acceleration Interface**
 - Shyamkumar Iyer, Distinguished Member of Technical Staff, Dell Office of CTO, Dell
 - Richard Brunner, Principal Engineer and CTO of Server Platform Technologies, VMware
- **Unlocking the Potential of Flash with the New Open Source Software-Enabled Flash™ API**
 - Eric Ries, SVP Memory and Storage Strategy Division, KIOXIA America Inc.
- **Storage Next: Disruption, Opportunities and Funding Insights**
 - Parag Kulkarni, Chief Operating Officer, Calsoft
 - Vipin Shankar, VP of Engineering, Calsoft
- **Caching on PMEM: an Iterative Approach**
 - Yao Yue, Sr. Staff Software Engineer, Twitter
 - Juncheng Yang, Carnegie Mellon University & Twitter

Wednesday Keynote Speakers

8:30AM Pacific Time

- **Analog Memory-based techniques for Accelerating Deep Neural Networks**
 - Sidney Tsai, Research Staff Member, Manager, IBM
- **What's going on with NVMe? An Examination of New Technology Adoption**
 - Mike Scriber, Sr. Director, Server Solution Management, Supermicro
- **Amazon Elastic File System: Building Blocks for a Cloud-Native File System**
 - Jacob Strauss, Principal Engineer, Amazon

Tuesday Birds-of-a-Feather Meetings

- 3:00 PM - 4:00 PM
 - Windows File Server Protocol Test Suite Cross Platform Meetup
 - Computational Storage Matures
- 4:00 PM - 5:00 PM
 - Meet the Experts and Speed your SNIA Swordfish™ Implementation of NVMe™ and NVMe-oF™ - Sharpen Your Sword to Hone Your Edge in Storage Management
 - Persistent Memory BoF
- 5:00 PM - 6:00 PM
 - SNIA NVMe
 - EDSFF: It's More than Just Storage, A Conversation with Very Opinionated Experts

Wednesday Birds-of-a-Feather Meetings

- 3:00 PM - 4:00 PM
 - Building the Software-Enabled Flash™ Community
 - Friends of Linux Kernel AFS Meetup
- 4:00 PM - 5:00 PM
 - Blockchain Technology and Its Role in the Storage Networking Industry

SDC 2020 Special Programs

- **SNIA Persistent Memory Hackathon and Bootcamp Program**
 - September 21-23, 2020
 - Participants can program a variety of persistent memory code examples in a cloud environment, develop simple applications, and receive coaching along the way.
- **SNIA SMB3 Interoperability Lab**
 - September 21-23, 2020
 - 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.

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SDC²⁰

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Agenda

Tracks

All Days

Tue Sep 22

Wed Sep 23

Favorites

- Agenda: Watch the track overviews for quick peak
- Favorites: click on ☆ next to sessions to build your custom agenda...and view list in “Favorites”
- Please give feedback and rate sessions/speakers
- Event Support: “Help” on top navigation

Joining Slack Channels (Hallway Track)

SDC²⁰

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Favorites



HALLWAY TRACK CHAT

- Slack e-mail invite for SDC 2020 workspace

Slack <feedback@slack.com>

SDC 2020 has invited you to work with them in Slack

Join your team on Slack

Join Now

SDC 2020 (arnold@snia.org) has invited you to use Slack with them



Have a great SDC!

Thank you Attendees, Speakers, and Sponsors