



Cloud Storage Technologies (CST) Community

2024 Review and 2025 Plans

Presented by Michael Hoard, CST Chair

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Cloud Storage Technologies (CST) Community

Committed to the adoption, growth and standardization of **intelligent data storage usage** in cloud infrastructures.

NEW Cloud Object Storage
Plugfest

This encompasses data services, orchestration and management, as well as the promotion of portability of data in multi-cloud and hybrid cloud environments.

NEW Cloud Object Storage
Test Dev

Learn more at snia.org/cloud



New: CST Hosted First Cloud Object Storage Plugfest

Created first-ever cloud interop forum

- Multi-vendor Interoperability testing
- Unique community of expert interoperability test engineers
- Test S3-compatible object storage and other cloud software APIs that deploy object storage in any use case

Enthusiastic participant response

**First Cloud Object Storage Plugfest
At SDC'24**



BY Developers FOR Developers

Plugfest Success! Great Feedback from Participants!

- *“Positive initiative by SNIA with potential to grow and offer value to community.”*
- *“Conversations with engineers from other companies validated our previous findings that there is a lot of ambiguity in how popular object storage APIs are defined.”*
- *“Plugfest is the first step toward eliminating customer headaches when dealing with diverse implementations of S3-based object storage APIs.”*

UNDERWRITTEN BY
SNIA[®] | CLOUD STORAGE
CSTI | TECHNOLOGIES



Google



Microsoft



SAMSUNG



Conduct public forums, formalize consumption of testable technical documentation and promote API / behavioral standardization

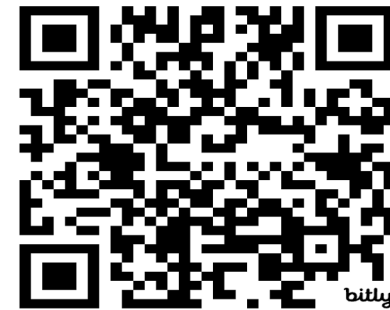
Next Cloud Object Storage Plugfest – April 2025

Three Day Plugfest - April 28-30, 2025

- Co-located with One Day Regional SDC Denver
- Plugfest Planning Calls, Bi-weekly, Tuesdays at 11:00 am PT
- Next planning call: January 28, 2025



Don't miss out! Pre-register here: snia.org/cloudplugfest
or scan QR code:



Community Response to Industry Pain Points

- New - Cloud Object Storage Open Source Test Suite Dev
 - Task force forming **NOW** - Q1 2025
 - Join us in making this happen and get in on the ground floor
 - Test Suite Dev bi-weekly planning calls, Tuesdays, 11:00 am PT
 - Next meeting, January 21st 11:00 am PT
 - Join group at <http://snia.org/cloudtestdev>
- Develop best practice, open source test tools and resolve bugs before customers find them
- Hear expert Plugfest engineers at our recent webinar:

[Building Community to Tackle Cloud Object Storage Incompatibilities](#)

Cloud Object Storage
Test Dev

CST 2024 Accomplishments and Next Activities

Executing on Our Mission to Educate and Create Awareness

- Wide Range of Cloud-related Webinars, Podcasts, Blogs
 - [Ceph: The Linux of Storage Today](#)
 - [Building Community to Tackle Cloud Object Storage Incompatibilities](#)
 - [AIOps: Reactive to Proactive](#)
 - [The Power of Edge and AI Data Management](#)
 - [The Future of Financial Services: AI, Big Data and Data Architecture](#)
- Coming Soon:
 - Live Webinar Jan. 30: [Ceph in a World of AI/ML Workloads](#)
 - New Podcast: Data Protection Insights
- Promotion of SNIA Cloud Storage Technical Work
 - Next Version of SNIA CDMI™ ([ISO/IEC 17826:2022](#))

***“Learned a a lot!
Thanks”***

***“Thank you for an
enjoyable session”***

***“Great topics, dynamic
discussions.
Knowledge + Experience”***

Cloud Storage Technologies Members



Join Us!

- Industry impact through:
 - Influence cloud storage thought leadership
 - Advocate for cloud storage standards
 - Actively respond to global industry trends and needs through a cloud-native storage lens
- Join us to:
 - Collaborate with industry experts
 - Contribute trendsetting data usage on end user success
 - Have a real impact on the industry
- Who to contact for additional information
 - Michael Hoard – Chair cst-chair@snia.org



snia.org/cloud

snia.org/forums/csti/knowledge