



Cloud Storage TWG

2022 Review and 2023 Plans

Presented by:

Mark Carlson (Kioxia) – Co-chair

David Slik (NetApp) – Co-chair

Cloud Storage TWG 2022 Accomplishments

■ Cloud Storage TWG Charter

- Acts as the primary technical entity for the SNIA to identify, develop, and coordinate systems standards for Cloud Storage.
- Produces a comprehensive set of specifications and drives consistency of interface standards and messages across the various Cloud Storage related efforts.
- Produces a set of reference implementation SNIA Software that complements the specifications and aids adoption of cloud storage standards.
- Documents system-level requirements and shares these with other Cloud Storage standards organizations under the guidance of the SNIA Technical Council and in cooperation with the SNIA Strategic Alliances Committee.

■ Recent completed work

- ISO/IEC 17826:2022 Approved - <https://www.iso.org/standard/83451.html>
- SIRDm Whitepaper - <https://github.com/SNIA/CDMI-whitepapers/tree/main/sirdm>
- Multi-Cloud Whitepaper - <https://github.com/SNIA/CDMI-whitepapers/tree/main/multi-cloud>

Cloud Storage TWG Work Items

- Work Items
 - CDMI Vendor Extensions (Container/Data, Deep enumeration, Partial upload)
 - Multi-cloud Whitepapers (S3/Azure example for multi-cloud proxy)
- SNIA Group collaboration
 - CSTI joint projects
 - Security TWG
- External group collaboration / Alliance work items
 - INCITS Cloud Computing (Formerly Cloud 38)
 - JTC1 SC 38

Cloud Storage TWG Membership as of 2022-12-02

- 14 New members in 2022
- TWG Membership: 93 individual members, 26 companies
- TWG Membership actively participating in TWG:



Cloud Storage TWG Participation

- What is the expected industry impact of this work
 - Enabling interoperable cloud storage
 - Enabling standardized cloud storage data interchange
 - Enabling standardized cloud storage management
- What is the industry segment relevance.
 - Cloud storage systems
- Why you should join and participate in this TWG
 - Cloud storage system developers, cloud application developers, SREs, cloud data management stakeholders
- Who to contact for additional information
 - David Slik, co-chair, cloudtwgchair@snia.org
 - Mark Carlson, co-chair, cloudtwgchair@snia.org