



Accelerated Object I/O TWG

2025 Review and 2026 Plans

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Accelerated Object I/O TWG 2025 Accomplishments

- [SNIA - TWG: Accelerated Object I/O](#)
- The SNIA Accelerated Object I/O TWG provides a forum for industry experts to develop specifications and/or software to advance object storage to evolve and meet future AI / ML workload performance demands.
- TWG approved by TC and formed October 2025
 - [SNIA - Accelerated Object IO TWG Charter.docx](#)
 - [SNIA - Accelerated Object IO TWG Program of Work.docx](#)
- Great time to join the TWG and get involved
 - Recruiting is underway (33 members and counting)
 - Opportunity to influence at an early stage

Accelerated Object I/O TWG Work Items for 2026

- Goal: Produce an interoperable specification for accelerated object I/O
 - Avoid market fragmentation!
 - Emphasis on simplicity, plug and play, leveraging existing infrastructure
 - Initial focus on S3-compatible storage over RDMA for AI/ML workloads
- Collaborate and align with the strategy of the StorageAI Community
 - Produce and deliver educational materials to highlight the TWG's work.

Accelerated Object I/O TWG Membership as of 12/12/2025



Accelerated Object I/O TWG Participation

- What is the expected industry impact of this work
 - Emerging needs of AI/ML workloads is driving a requirement for faster object
 - Object has matured to the point of requiring data transport mechanisms with less overhead and fewer resources
 - Consideration of additional use cases (e.g Cloud) and applicability for Object acceleration
- What is the industry segment relevance.
 - Unstructured data for AI stored as objects
- Why you should join and participate in this group
 - We are inviting expert technical developers to create Accelerated Object I/O architectural standards
 - Call for end-users to share their use cases
- Who to contact for additional information acc-obj-io-twg-chair@snia.org
 - Jason Goldschmidt (Dell) - jason.goldschmidt@dell.com