

## Next-Generation Exascale Flash Storage

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This project aims to evaluate next-generation, high-density flash-based storage technologies through a strategic CERN openlab –Pure Storage collaboration. By combining CERN's exascale operational expertise with Pure Storage's high-efficiency DirectFlash platform, the initiative will assess performance, scalability, energy efficiency, cost, and reliability. The overall goal is to determine whether such technologies can sustainably and cost-effectively support future scientific data volumes at exabyte scale.

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