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CERN Disk Storage Services

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The CERN IT Storage group operates multiple distributed storage systems to support all CERN data storage requirements: the physics data generated by LHC and non-LHC experiments; object and file storage for infrastructure services; block storage for the CERN cloud system; filesystems for general use and specialized HPC clusters; content distribution filesystem for software distribution and condition databases; and sync&share cloud storage for end-user files.

We report about the current disk-storage offer, its evolution and future outlook towards Exabyte-scale storage with a dedicated look at the EOS storage systems.

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