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EOS - evaluating object drives and non-volatile memory

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The EOS project at CERN is providing large scale storage systems to LHC experiments and many other projects at CERN and beyond. In order to further increase the scalability and availability of the system we are investigating several new technologies such as ethernet connected disk drives and non-volatile memory implementations to further decrease the cost of ownership and the downtime after service problems. In the presentation we will describe the possible benefits, our plans for a joint evaluation with the technology vendors and summarise the first results achieved.

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