CLOUD AND HOST

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📅 **April 2, 2016**

CERN with storage platform see – Data.

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These centres are the global Grid computing to the LHC (WORLDWIDE LHC COMPUTING GRID). As part of a three-year partnership, Seagate will work with CERN to help manage and store 100 petabytes of data generated to date for the LHC, and 2 to 3 petabytes of additional information that produces each month in its mission to advance the understanding of the formation of the universe. As stated Alberto Di Meglio, Director CERN OPENLAB daily organization generates an incredible amount of data. "We need to find safe and effective ways to store this information.

Is still one of the most important challenges we face, "he added." We are very excited about the partnership with Seagate to see what Kinetic storage architecture can bring for the CERN infrastructure, in particular to reduce

the complexity and operational costs of our storage systems and see if he can meet the needs of program resources, demanding "LHC. CERN with storage platform see – Data.

Reduce costs of 15 to 40%

The platform should restructure completely traditional architectures of storage servers, and connect the object-oriented applications directly to the storage device. To delete multiple layers of hardware and software in conventional batteries, the Seagate system could improve performance while reducing significantly costs of 15 to 40%.

Scott Horn, Vice President of marketing for Seagate, "finding solutions to improve the efficiency of one of the most extreme storage environments and most demanding of the world is an exciting challenge for Seagate." He said "this partnership will enable CERN to improve your storage system in a large scale, and Seagate will have the chance to test your deck Kinetic Open Storage in an environment that produces an exceptional amount of data," added marketing Vice President.

The Mission of the OpenLAB, now in its fifth cycle of three years, is to accelerate the development of innovative solutions that will benefit the global community LHC. Through this partnership, organizations have a framework to test and validate technologies and advanced services. Seagate and CERN's work in another research project and this time finding solutions to strengthen and improve the EOS European Organization storage system for nuclear research. CERN with storage platform see – Data.

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