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Huawei gets entry into CERN

Mini Joseph Tejaswi, TNN | Jul 10, 2012, 07.09PM IST

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Huawei, a leading global information and communications technology (ICT) solutions provider, has said that its cloud storage system has passed the performance test of the [European Organization for Nuclear Research](#) (CERN), world's largest particle physics laboratory. With this, the telecom major has become a contributing member to [CERN](#) openlab.

CERN openlab was created to develop innovative and advanced IT systems to be used by the LHC community through bringing together the efforts of science and industry. The scalability of the storage system is important for CERN as the laboratory faces the increasing demands of its physics users. The massive data growth prompts CERN to evaluate new storage technologies. Huawei, with industry-leading storage experts and a significant technical experience, is committed to the development of innovative storage solutions in the field of next-generation cloud storage.

In early 2012, Huawei's cloud storage system was delivered to the CERN site, and in three months, the installation and benchmark performance evaluation were completed. Huawei's cloud storage proved to show excellent data writing and reading performance in large-scale data environments, with horizontal scalability. The system also provides a self-healing intelligent maintenance, which significantly reduces maintenance costs, and effectively enhances the storage system's availability and reliability. The test validation results demonstrate this innovative hardware and software architecture complies with the mass storage requirements.

"CERN is hitting the technology limits for resource-intensive simulations and analysis. Our collaboration with Huawei shows an exciting new approach, where their novel architecture extends the capabilities in preparation for the Exascale data rates and volumes we expect in the future." said Bob Jones, head of CERN open lab.

"Establishing the link with CERN openlab gave us a fantastic opportunity to further develop our cloud storage products, and proved their worth in the extreme scientific research and mass data environment." James Hughes, Chief Architect of Cloud Storage, Huawei stated.

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