



Technology

Huawei cloud storage passes performance tests of CERN

TT Correspondent | | 11 Jul 2012



Huawei, a leading global information and communications technology (ICT) solutions provider, on Wednesday said that its cloud storage system has passed the performance test of the European Organization for Nuclear Research (CERN).

CERN (the European Organization for Nuclear Research) is the world's largest particle physics laboratory. The

CERN data centre, also known as the Worldwide LHC Computing Grid (WLCG) Tier-0, is at the core of a global computing resource which enables the storage and analysis of more than 20 PB of Large Hadron Collider (LHC) data per year.

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 ever 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. By joining CERN openlab as a contributing member, Huawei focuses on investigating the applicability of new storage techniques and architectures to the processing of high energy physics data from the LHC experiments.

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 openlab.

"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.

Other Stories of the Day

- [MediaTek signs strategic pact with Twitter](#)
- [Micromax launches Superfone A80 with powerful battery for Rs 8490](#)
- [Facebook App Center launched in India, seven other countries](#)
- [EGoM on telecom to meet on July 12](#)
- [Microsoft to acquire Perceptive Pixel](#)
- [ZTE bags Viettel 2G/3G network contract in Peru with its Uni-RAN solution](#)
- [Apple's New iPad to go on sale in China from July 20](#)
- [Microsoft signs patent agreement with Coby Electronics and Aluratek Inc](#)
- [SSTL says it is not in discussion to acquire any telecom service provider](#)
- [Astellia launches CEM solution for its VIP Care application](#)
- [Huawei Ascend D1 launched in China, to be available in Russia, other markets in August](#)
- [Country would soon have new telecom policy in place: Sachin pilot](#)
- [OpenMarket moves into India, expands Asian Market](#)
- [NTT Communications integrates Juniper Networks security and remote access technologies into Mobile Connect](#)
- [Microsoft announces new training, tools and other programs for partners](#)
- [Qualcomm appoints Susan Hockfield to board of directors](#)
- [Cisco to boost prospects of young African women through TelePresence](#)
- [Infotech Enterprises wins 8th Indo-American corporate excellence award](#)
- [Yahoo launches dedicated destination for London Olympics](#)
- [MTS offers competitive and affordable MBlaze Data plans in Maharashtra & Goa Circle](#)
- [Subex completes FCCBs exchange offer](#)
- [Nokia Siemens Networks Flexi Zone wins innovation award](#)

Other Stories in this Section

- [ZTE bags Viettel 2G/3G network contract in Peru with its Uni-RAN solution](#)
- [Microsoft announces new training, tools and other programs for partners](#)
- [NTT Communications integrates Juniper Networks security and remote access technologies into Mobile Connect](#)

 [mail this article](#)  [print this article](#)  [Show and Post comment](#)

11 Jul 2012(IST)

Related Stories

Country would soon have new telecom policy in place: Sachin pilot

SSTL says it is not in discussion to acquire any telecom service provider

France Telecom denies implementing a policy aimed at deliberately creating stress

[About Us](#) | [Advertise](#) | [Contact Us](#) | [Feedback](#) | [Careers](#)

Copyright © AT Data Process Pvt. Ltd 2012-2013 [Terms of use](#)

This site is best viewed in Internet Explorer 6.0 and higher versions, at a resolution of 1024 x 768 pixels