

## **Huawei OceanStor 18800 Enterprise Storage System Delivered a superior SPC-1 Result of One Million SPC-1 IOPS™**

**Chengdu, China, 27 January, 2014** – Huawei, a leading global information and communications (ICT) technology solutions provider, has submitted a superior SPC-1 Result at 1,005,893.43 SPC-1 IOPS™ on its OceanStor 18800 Enterprise Storage System. The latest SPC-1 benchmark result shows Huawei's solid footprint in the enterprise storage field, following its mid-range and entry-level series storage products.

The Executive Summary and Full Disclosure Report (FDR) can be found using the URL listed below:

[http://www.storageperformance.org/results/benchmark\\_results\\_spc1#a00140](http://www.storageperformance.org/results/benchmark_results_spc1#a00140)

As shown in SPC-1 Benchmark Executive Summary, HUAWEI OceanStor 18800 used 16 controllers, 1344 3.5-inch SAS disk drives, and 192 2.5-inch solid state drives (SSDs), delivering at 1,005,893.43 SPC-1 IOPS™, with an average response time at 5.17 ms while the system is running with 100% load, and the SPC-1 Price-Performance™ of \$2.76/SPC-1 IOPS™. This means that customers will experience superior and reliable performance with low latency at the minimum cost, making the product an extremely competitive and compelling choice among all similar storage systems.

The OceanStor 18000 series, including OceanStor 18500 and OceanStor 18800, are designed for core enterprise applications. Based on the distributed Smart Matrix architecture, the OceanStor 18000 supports on-demand horizontal resource expansion of up to 16 controllers and a 7 PB storage capacity. The dedicated storage operating system enables interoperability among entry-level, mid-range, and high-level Huawei storage products, breaking down device barriers. The OceanStor 18000 series manages its data with the innovative HUAWEI RAID 2.0+ technology and two-layered virtualization, maximizes storage efficiency and minimizes recovery times from hard disk failures.

The products have already been tested and deployed covering a variety of sectors including finance, telecommunications, energy, government, transportation, and major enterprises, receiving wide recognition from customers.

A customer representative from the Information Center of the Hunan Local Taxation Bureau said, "Through our cooperation with Huawei, we have found that the Huawei enterprise storage system not only features absolute reliability, large capacity, and high performance, but also provides flexible configuration solutions and online expansion capabilities. In terms of cost to performance, it demonstrates a surmountable advantage over other vendors."

"We are extremely excited about the latest SPC-1 Result", said Fan Ruiqi, president of Huawei storage product line. "Huawei will address the challenges of enterprise applications and adhere to its philosophy of delivering 'secure and trusted, flexible and efficient' products. We intend to expand the market of OceanStor 18000 series to serve a wider range of industries. With Huawei's commitment to its technical innovation, and accumulated experience, the OceanStor 18000 series will continue to provide higher performance and faster response times. By constantly improving its reliability and performance, we are committed to providing our customers with trustworthy Enterprise storage solutions."

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## **About Huawei**

Huawei is a leading global information and communications technology (ICT) solutions provider. Through our dedication to customer-centric innovation and strong partnerships, we have established end-to-end advantages in telecom networks, devices and cloud computing. We are committed to creating maximum value for telecom operators, enterprises and consumers by providing competitive solutions and services. Our products

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