

Huawei Launches the 400G DCI Solution

[Shanghai, China, September 6, 2017] Earlier today at HUAWEI CONNECT 2017, Huawei launched its future-ready 400G DC interconnect (DCI) solution. Solve the huge amounts of data in the data center migration, effectively eliminate bandwidth bottleneck between the data center, boost bandwidth between DC efficiency, reduce the power consumption of the engine room, satisfy the enterprise data center network 4 ~ 10 years of gradual evolution in the future.

The transformation of traditional IDCs to cloud DCs faces several major challenges. For example, in a large-scale cloud DC, servers increase by four orders of magnitude and store a total of over 1,000 PB data. The east-west traffic between DCs increases exponentially. It is imperative for DCs to be connected over a DCI network that is congestion-free and features large capacity and low latency. The 400G data center interconnection solution released this time brings the three values of "big capacity, intelligent and green energy conservation" to customers.

Large capacity: 400G of very large bandwidth, improve the bandwidth utilization rate reached 50%, solve the DC interconnection has encountered difficulties and challenges effectively, help customers to build a reliable and efficient DCI network.

Intelligent: huawei adopted Agile Controller techniques to monitor the whole network traffic and real-time adjustment, so as to realize the link between the load balance, in addition to the bandwidth utilization from 30% to 80%, also can be adjusted based on time delay factors such as flow rate and guarantee the customer application experience.

Energy-saving: The devices used in the 400G DCI solution are highly integrated and have ultra-low power consumption — about half of the industry average. Huawei's patented industry-leading technologies, such as floating heat dissipation and carbon nano-thermal pads, effectively solve the heat dissipation and power consumption problems of large-capacity boards, saving operations costs for customers.

Ethernet product line, vice President of huawei router and telecommunications Ma Ye said: "In the cloud era, it is a general trend to construct ultra-broadband, intelligent, and energy-saving 400G DCI networks to achieve future-ready cloud & network synergy. Huawei's agile and open 400G DCI solution will help enterprises and service providers with service innovation and cloud transformation, boosting their business success. "

HUAWEI CONNECT 2017, the largest ICT annual summit organized by Huawei, will be held at Shanghai New International Expo Centre (SNIEC) during September 5–7, 2017. With this year's theme of "Grow with the Cloud", the summit aims to establish an open platform for global players to discuss topics such as how to achieve new business growth through digitalization. For more information, visit: www.huawei.com/huaweiconnect2017