

CERTIFICATE

Huawei OptiXtrans DC908

June 22nd, 2020

EANTC successfully verified that Huawei OptiXtrans DC908 (v: V100R019C10) supports the Data Center Interconnect solution and the following scenarios:

Huawei Product	Product Type	Software Version	FC ISL Link	Brocade Models	Brocade Firmware	Cisco Models	Cisco Firmware
OptiXtrans DC908 MD02A	WDM	V100R019C10	8G,	G620	8.0.1	MDS9132T	8.2
			10G, 16G, 32G*	6505	8.0.1	MDS9148S	6.2

Interoperability with Brocade 6505/G620 (OS 8.0.1), Cisco MDS 9148S (OS 6.2)/9132T (OS 8.2) Fibre Channel switches

Compatibility certification with three types of Fibre Channel Physical Interface (FC-PI), including FC-PI-3, FC-PI-5 and FC-PI-6

Capacity measurement to interface speeds of 8G, 10G, 16G, 32G* with 100 km long-haul connections

Transparent multi-switch type forwarding between Brocade 6505 and G620, as well as between Cisco MDS 9148S and 9132T

Protection against Inter Switch Link failure, and long-haul link failure

Stability of overnight soak testing with baseline traffic including two Huawei OceanStor 5500 V5 (v: V500R007C30) devices, each equipped with 20 SAS HDD disks that provides up to 1.6 GB/s Input/Output traffic

100 km long-haul with Brocade G620 and Cisco MDS 9132T pairs

DCI transmission in VMware administration end-to-end scenarios; vCenter administrator (VMware vCenter Server Appliance 6.7) successfully migrated a VM under the VMware platform (VMware vSphere Hypervisor ESXi version 6.7) from one data center to another and cloned a VM into the storage area which was located in a remote data center

* We chose a baseline traffic of 1.6 GB/s to verify the 32G FC-link functionality of the WDM system integrated in the data center