CERTIFICATE

Huawei OptiX OSN 1800 II TP

December 17th, 2020

EANTC successfully verified that Huawei OptiX OSN 1800 II TP supports the Data Center Interconnect (DCI) solution and the following scenarios:

Huawei Product	Product Type	Software Version	FC ISL Link	Brocade Models	Brocade Firmware	Cisco Models	Cisco Firmware
OptiX OSN 1800 II TP B1ELOM B1LDCA B1LDX	WDM	V100R019C10	4G, 8G, 10G, 16G, 32G*	G620 6505	8.0.1 8.0.1	MDS9132T MDS9148S	8.2 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 4G, 8G, 10G, 16G and 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 of long-haul link** against failure on local transmission port

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 completed a key enterprise use case with two emulated data centers for SAN (Storage Area Network), used for transmission of storage traffic between the data centers

* 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

** The long-haul link transmission included optical amplifiers connected to two boards, B1ELOM and B1LDX. The B1LDCA was fully integrated without any optical amplifiers

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