

CERTIFICATE

Huawei OptiX OSN 9800 M12

March 17th, 2021

EANTC successfully verified that Huawei OptiX OSN 9800 M12 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 9800 M12 M210D* M520SM	WDM	V100R019C10	1G	G620	8.2.1b	MDS 9132T	8.4
			2G, 4G, 8G, 10G, 16G, 32G	6505	8.2.1a	MDS 9148S	6.2
				300	7.4.1f		

Interoperability with G620 (OS 8.2.1b) / Brocade 6505 (OS 8.2.1a) / Brocade 300 (OS 7.4.1f), and Cisco MDS 9132T (OS 8.4) / Cisco MDS 9148S (OS 6.2) 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 1G**, 2G**, 4G**, 8G, 10G**, 16G** and 32G**

Transparent multi-switch type forwarding between Brocade G620 and G620, Brocade G620 and 6505, Brocade 300 and 300, as well as between Cisco MDS 9132T and 9132T, Cisco MDS 9132T and 9148S

Protection of long-haul link against failure on local transmission port**

Stability of overnight soak testing with baseline traffic including two Huawei OceanStor 5000 V3 (v: V300R002C10) devices, each equipped with 24 NVMe SSD disks that provides up to 5.8 GB/s Input/Output traffic**

100 km long-haul for Brocade G620 and G620, Brocade G620 and 6505, Brocade 300 and 300, Cisco MDS 9132T and 9132T Qurorum server (v: V300R002C10) in all test cases for storage redundancy control

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

*: M210D supports up to FC10G **: Cisco MDS 9132T and 9148S combination is not included