OceanStor A800 with 51 hosts System Description

Network topology

13 Servers   13 Servers   13 Servers   12 Servers
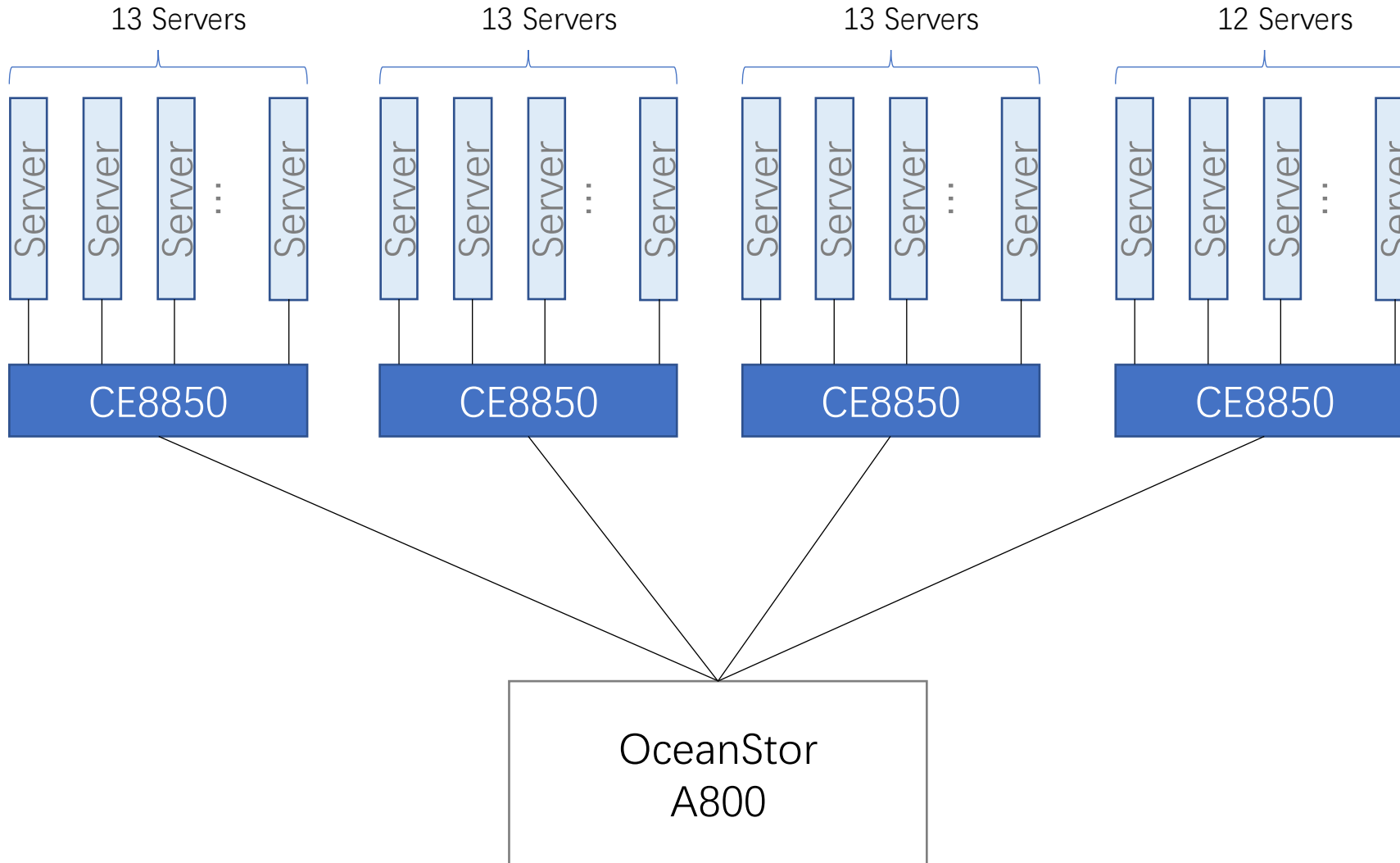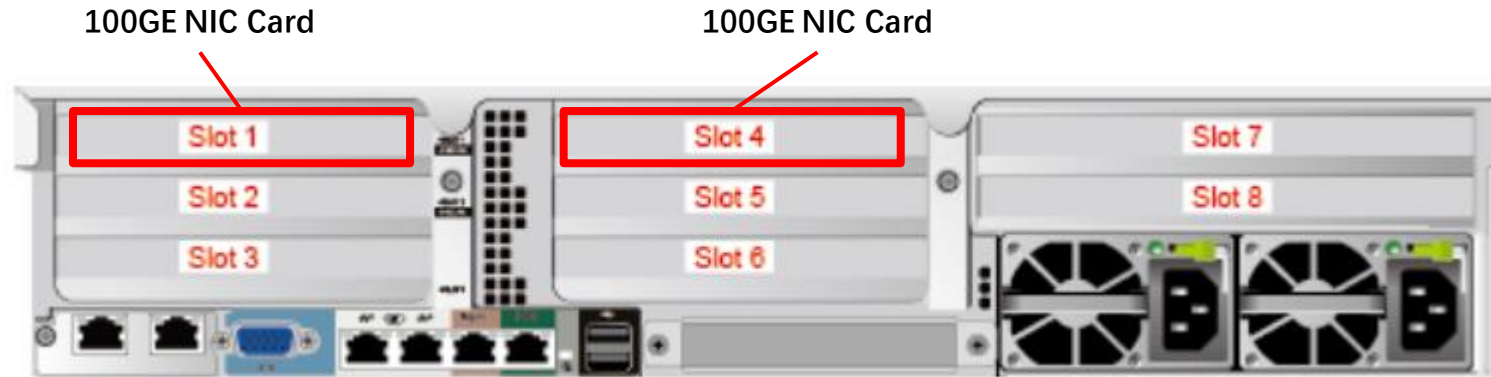
Total 51 servers as benchmark host. Each Server is connected to one switch by 2X100GE RoCE

CE8850   CE8850   CE8850   CE8850

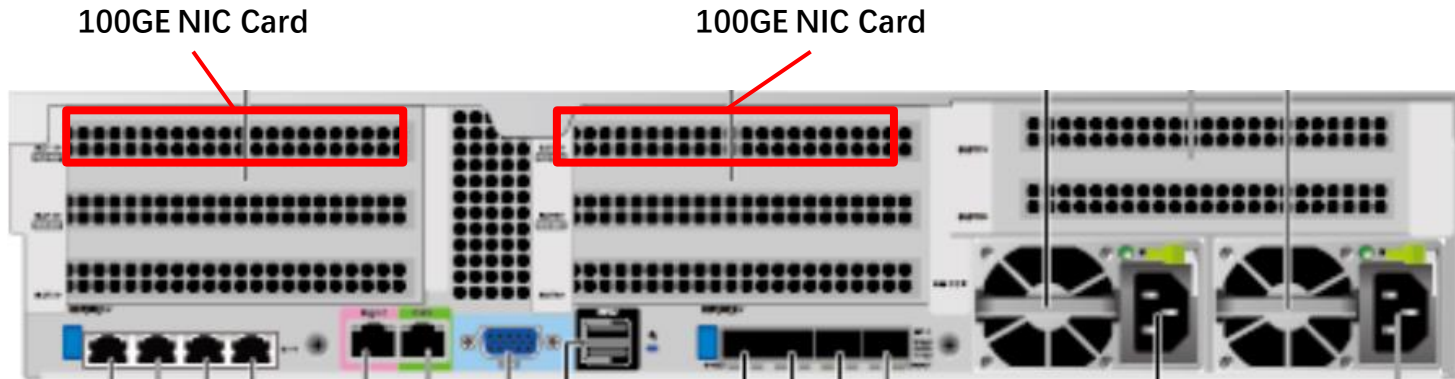One OceanStor A800 is connected to four switches with 32x200GE RoCE.

OceanStor A800

Benchmark Host Server

Two Types of host server:
   Type1: a commercial DP2200 node, equipped with 2 100GE NIC Card

100GE NIC Card   100GE NIC Card

Type2: Taishan 2280 V2 Server, equipped with 2 100GE NIC Card

100GE NIC Card   100GE NIC Card

Storage Node

The storage node is one OceanStor A800 appliance.

Switch

CE8850-SAN is a commercial high performance Ethernet switch supporting 32x100GE ports and 8x400GE ports. The host servers are connected to the 100GE ports and the storage nodes are connected to the 400GE ports using 400G QSFP-DD to 2x200G QSFP56 breakout active optical cables