OceanStor A800 with 31 hosts System Description

Network topology

8 Servers

8 Servers

8 Servers

7 Servers

Server Server Server ... Server

Server Server Server ... Server

Server Server Server ... Server

Server Server Server ... Server
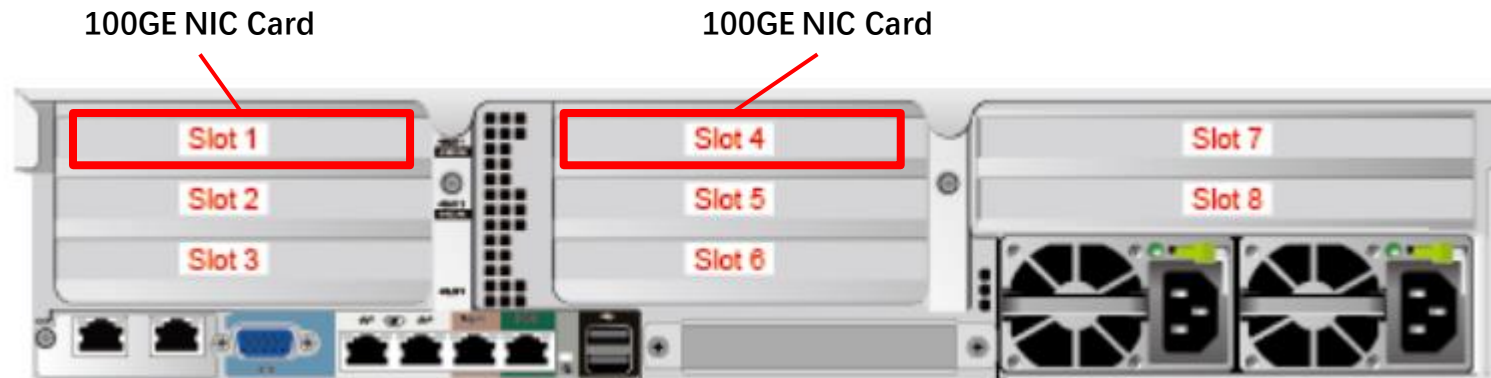
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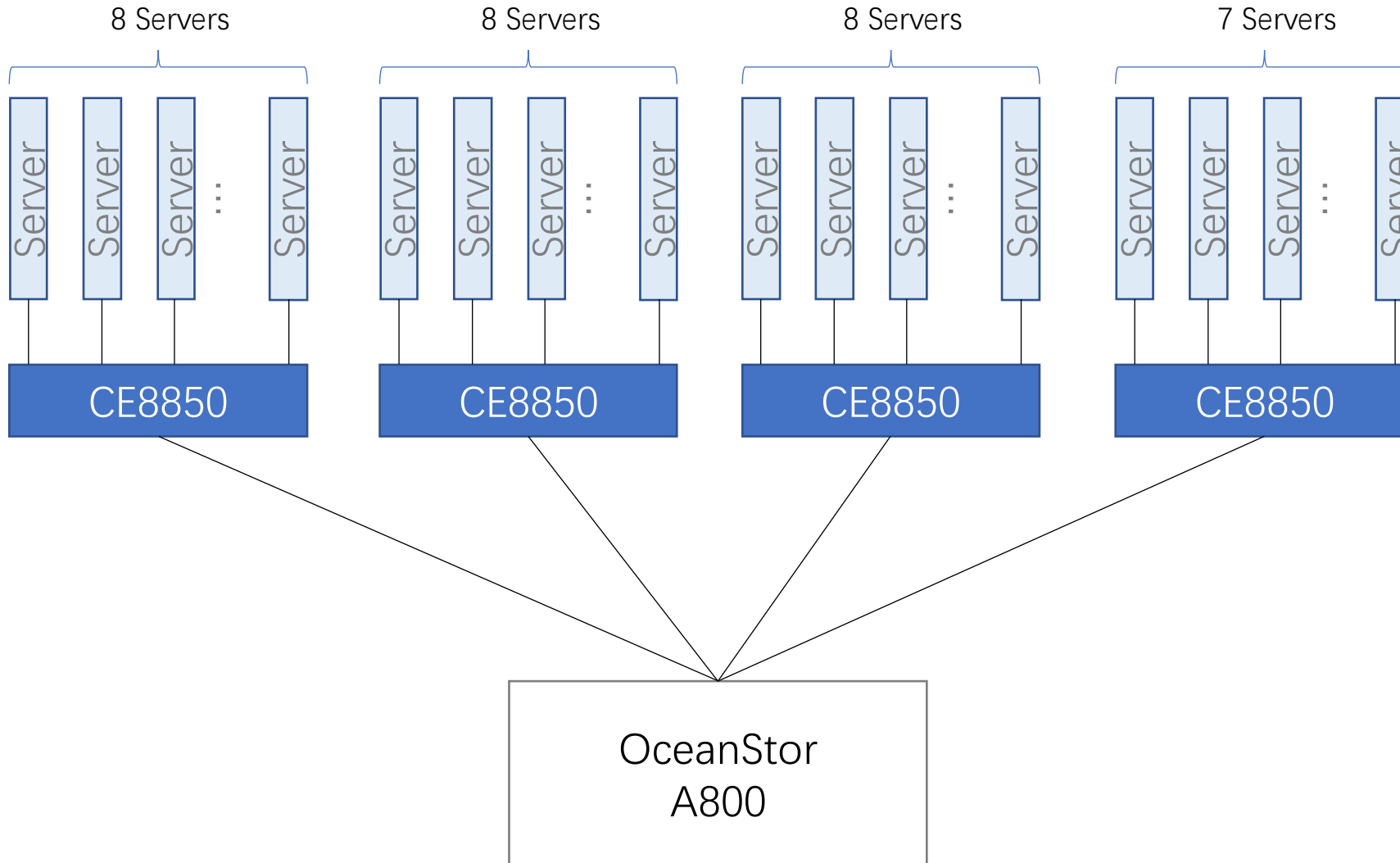
OceanStor
A800

Total 31 servers as benchmark host. Each Server is connected to one switch by 2X100GE RoCE

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

Benchmark Host Server

One Types of host server:
  Type1: a commercial DP2200 node, equipped with 2 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