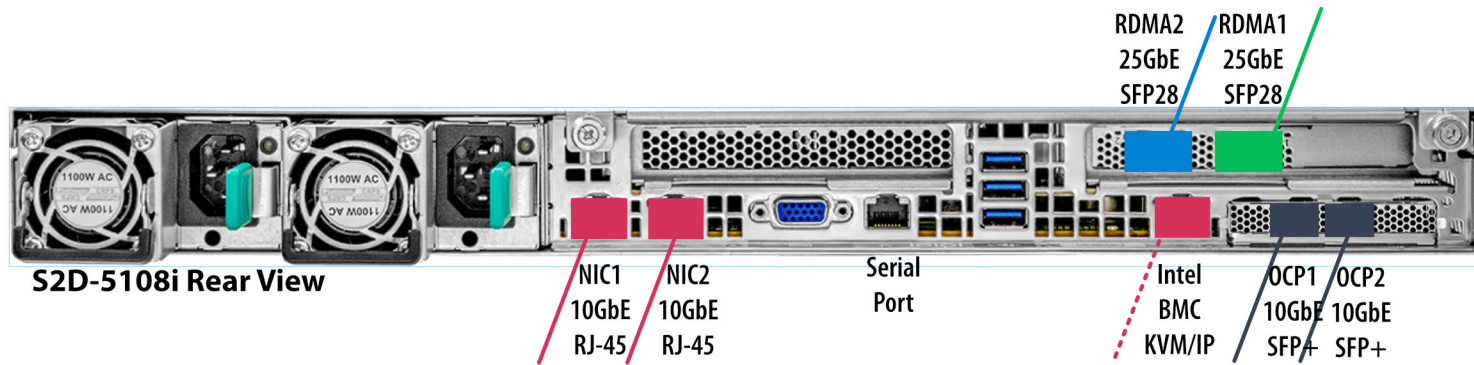# DataON K2N-108

K2N-108 consists of (2) S2D-5108i server nodes direct-attached

S2D-5108i Front View

S2D-5108i Rear View

RDMA2
25GbE
SFP28

RDMA1
25GbE
SFP28

NIC1
10GbE
RJ-45

NIC2
10GbE
RJ-45

Serial
Port

Intel
BMC
KVM/IP

OCP1
10GbE
SFP+

OCP2
10GbE
SFP+

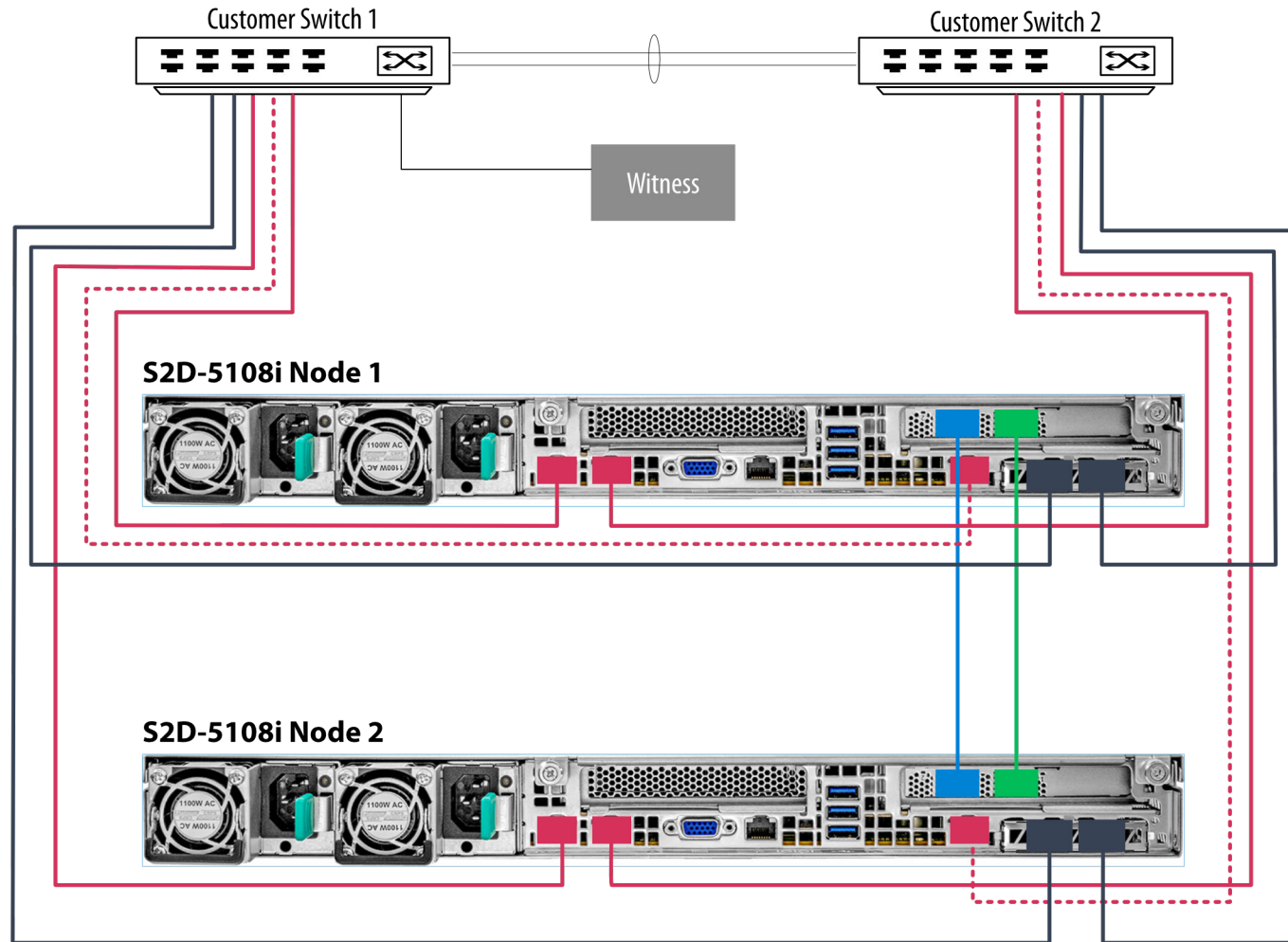|	
10GbE - RJ-45	On-board NIC 1 & 2 - North-South Client/Management Traffic (option 1)
10GbE - SFP+	OCP 1 & 2 - North-South Client/Management Traffic (option 2)
25GbE - SFP28	RDMA 1 - East-West Cluster and Storage Traffic
25GbE - SFP28	RDMA 2 - East-West Cluster and Storage Traffic
RJ-45	Intel BMC/IPMI RJ-45 for KVM/IP

Note on SFP+ and SFP28

Our dual-port 25GbE RDMA adapters have ports in the form factor of SFP+. To achieve the following speeds, please select the appropriate cables:

- For 25Gb/s, select SFP28 cables
- For 10Gb/s, select SFP+ cables

DataON K2N-108

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Customer Switch 1

Customer Switch 2

Witness

Cluster Quorum

2-node clusters require a witness to prevent split-brain scenarios.
See **Understanding Cluster and Pool Quorum** at https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/understand-quorum

S2D-5108i Node 1

S2D-5108i Node 2

10GbE - RJ-45	On-board NIC 1 & 2 - North-South Client/Management Traffic (option 1)
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