Networking – 10G networking is used for client connections to the Storage.
Bonded 10G (20G) is used for cluster backend connection to support replication in write intensive environments

Monitor Nodes – 3x nodes are used for maximum resiliency and availability to the cluster

OSD Nodes – Data/objects are stored on the Object Storage Daemon Nodes Fault tolerance is provided by data replication and distribution across the OSD nodes making the backend cluster network critical to assure both data availability and write performance. Typical Ceph deployments produce 3x copies of the data objects. This means that if a client writes 1GB of data, 2GB of Data must move on the backend network.

320-TB

1.08-PB

2.16-PB

SRS-42E112-CEPH-01   SRS-42E136-CEPH-01   SRS-42E172-CEPH-01