

# **System Description - Hardware**

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## **Client**

Clients used were HPE Apollo 6500 system, with 1 TB RAM, 8x Nvidia A100 GPUs as well as 4x HDR InfiniBand HCAs. The client was connected to redundant HDR switches providing a full non-blocking fabric.

## **Server**

For the tests, we were using a HPE Cray ClusterStor E1000 system consisting of 2x all flash array (4x OSS/OSTS) using 24x 7.68 TB Samsung PM 1733 drives configured with LDISKFS and GridRAID. In addition, a single standard metadata unit (consisting of 2x MDS nodes each with a MDT) using 24x 3.84 TB Samsung drives in RAID10.



# **System Description - Software**

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## **Client**

The client distribution is Ubuntu 22.04.4 LTS (Jammy Jellyfish), the Lustre build installed on the client is Cray Lustre 2.15.

## **Server**

The system was running the ClusterStor standard software stack version 6.6-010.109.

This version is based on the standard Cray Lustre version 2.15.2.1\_cray\_192\_g5d60fdd.

Base OS: Rocky Linux release 8.4 (Green Obsidian)

Servers were running OFED-internal-5.8-3.0.7

