

| 3PB Lustre Server Information |       |            |                  |              |  |            |        |
|-------------------------------|-------|------------|------------------|--------------|--|------------|--------|
| Hostname                      | Model | OS         | Firmware Version | BIOS Version | Processors                                   | # of cores | Memory |
| ILM Server                    | R640  | CentOS 7.8 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 503GB  |
| Robinhood Server              | R640  | CentOS 7.8 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 251GB  |
| MDS1                          | R740  | CentOS 7.9 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 376GB  |
| MSD2                          | R740  | CentOS 7.8 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 376GB  |
| OSS1                          | R740  | CentOS 7.8 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 376GB  |
| OSS2                          | R740  | CentOS 7.8 | 4.40.00.00       | 2.10.0       | 2 x Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz | 80         | 376GB  |

| 3PB Lustre Software Information |         |
|---------------------------------|---------|
| Software name                   | Version |
| Lustre                          | 2.12.6  |
| ILM                             | 5.1.0-1 |
| Robinhood                       | 2.5.5-1 |

| 3PB Lustre Array Information   |               |      |                  |                  |               |                 |              |
|--|---------------|------|------------------|------------------|---------------|-----------------|--------------|
| Array Name   | Array Type    | RIAD | Hardware Version | Firmware Version | Disk groups   | Number of disks | Cache Memory |
| MDSArray   | ME4024-duplex | 10   | 8.1              | GT280R009-02     | MDTs (1..2)   | 24              | 8GB          |
| OSTArray1  | ME4084-duplex | 6    | 8.1              | GT280R009-02     | OSTs (1..8)   | 84              | 8GB          |
| OSTArray2  | ME4084-duplex | 6    | 8.1              | GT280R009-02     | OSTs (9..16)  | 84              | 8GB          |
| OSTArray3  | ME4084-duplex | 6    | 8.1              | GT280R009-02     | OSTs (17..24) | 84              | 8GB          |
| OSTArray4  | ME4084-duplex | 6    | 8.1              | GT280R009-02     | OSTs (25..28) | 42              | 8GB          |
| InfiniBand.Slot.1-1:Mellanox ConnectX-5 Single Port VPI EDR QSFP Adapter |               |      |                  |                  |               |                 |              |

| 3PB Lustre Management Switches |                 |                    |                            |                       |                    |                         |                 |
|--------------------------------|-----------------|--------------------|----------------------------|-----------------------|--------------------|-------------------------|-----------------|
| Switch Name                    | Switch Type     | DellEMC OS Version | DellEMC Network OS Version | Release image Version | Boot image Version | Control Processor       | Number of ports |
| Ethernet                       | DellEMC S3124   | 2.0                | 9.14(2.9)                  | 9.14(2.9)             | 5.2.1.10           | Broadcom 56340 (ver A0) | 30              |
| IB Network                     | Mellanox SB7800 |                    |                            |                       |                    |                         |                 |

| Lengau Compute Nodes Profiles |                      |        |            |                 |   |                               |                  |              |                  |
|-------------------------------|----------------------|--------|------------|-----------------|---|-------------------------------|------------------|--------------|------------------|
| Nodes                         | Model                | Memory | # of cores | Number of nodes | Processors                                | Operating System              | Total Disk Space | BIOS Version | Firmware Version |
| Compute Nodes                 | Dell PowerEdge C6320 | 126GB  | 24         | 1368            | 2 x Intel® Xeon® CPU E5-2690 v3 @ 2.60GHz | CentOS Linux release 7.3.1611 | 250GB            | 2.10.5       | 2.63.60.61       |
| Fat Nodes                     | Dell PowerEdge R930  | 1TB    | 56         | 5               | 4 x Intel® Xeon® CPU E7-4850 v3 @ 2.20GHz | CentOS Linux release 7.3.1611 | 1TB              | 2.7.2        | 2.63.60.61       |
| GPU Nodes (2001-2006)         | Dell PowerEdge R740  | 188GB  | 36         | 6               | 2 x Intel® Xeon® Gold 6150 CPU @ 2.70GHz  | CentOS Linux release 7.3.1611 | 120GB            | 1.4.9        | 3.21.21.21       |
| GPU Nodes (4001-4003)         | PowerEdge C4140      | 188GB  | 40         | 3               | 2 x Intel® Xeon® Gold 6148 CPU @ 2.40GHz  | CentOS Linux release 7.3.1611 | 120GB            | 1.2.10       | 3.21.21.21       |

| Lengau NRE Storage Profile   |                     |        |            |                 |  |                               |                  |              |                  |
|--|---------------------|--------|------------|-----------------|--|-------------------------------|------------------|--------------|------------------|
| Nodes  | Model               | Memory | # of cores | Number of nodes | Processors                               | Operating System              | Total Disk Space | BIOS Version | Firmware Version |
| Compute Nodes  | Dell PowerEdge R740 | 62.5GB | 32         | 1               | 2 x Intel® Xeon® Gold 6134 CPU @ 3.20GHz | CentOS Linux release 7.3.1611 | 250GB            | 1.6.11       | 3.21.21.21       |
| <b>Controllers (x2)</b>  |                     |        |            |                 |  |                               |                  |              |                  |
| <ul style="list-style-type: none"> <li>Each Controller has 136 Virtual Disks with RAID6 configuration</li> <li>1TB Total Disk Space</li> <li>Firmware Version is GT280R008-01</li> </ul> |                     |        |            |                 |  |                               |                  |              |                  |