65 client nodes

Client Node -1
(EC2 - C6in.16xlarge)

Client Node -2
(EC2 - C6in.16xlarge)

....

Client Node -65
(EC2 - C6in.16xlarge)

EBS

EBS

EBS

100G

100G

100G

....

Client Network

200G

200G

200G

32 Storage nodes

File Server Node -1
(EC2 - C6in.32xlarge)

File Server Node -2
(EC2 - C6in.32xlarge)

....

File Server Node -32
(EC2 - C6in.32xlarge)

EBS EBS .... EBS

EBS EBS .... EBS

EBS EBS .... EBS

Per File Server Node Storage

- 4 x 900G EBS IO2 volumes, 14000 IOPS per volume
- 1 x 20G EBS IO2 volume, 14000 IOPS per volume
- 1 x 16G EBS GP2 volume, 100 IOPS per volume
- 2 x 4G EBS GP3 volume, 3000 IOPS per volume
- 1 x 50G EBS GP3 volume, 3000 IOPS per volume

Per Client Node Storage

- 1 x 30G EBS GP3 volume, 3000 IOPS per volume

File server Config

- Sequential share type
- 1 standard share and 1 distributed share
- Round robin directory distribution

Client Config

- OS   : Ubuntu 22.04.4 LTS
- NFS mount options : nconnect=16 -o vers=4.0
- NFS read_ahead : 15M