

Software-defined Storage (SDS)

Fast enterprise storage at any scale

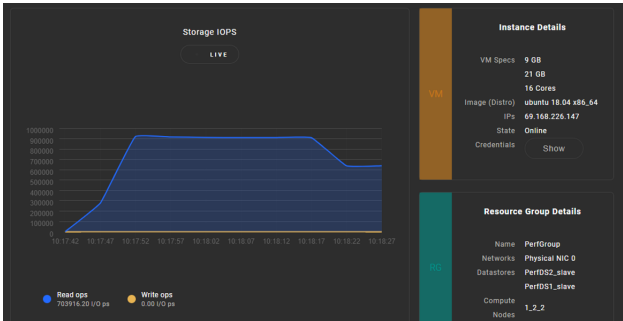
2
Compute
Nodes

View All

8
Physical
Disks

View All

Sunlight Software-defined Storage (SDS), a component of Sunlight HyperConverged Edge (HCE), aggregates local storage drives across a cluster (ideally NVMe) into a virtual storage pool which can be provisioned as vDisks – each with their own redundancy policies, and fast repair and resynch times for content repair. Sunlight SDS is designed for easy scaling and low latency – supplying over 1M IOPS per VM.



High performance, low latency

- ☒ Deliver over 1M IOPS per VM.
- ☒ Ultra low latency.
- ☒ Linear scale-out performance.

Easy deployment options

- ☒ Deploy symmetric or asymmetric.
- ☒ Use any off-the-shelf NVMe drives.
- ☒ Plug in Photon to separate compute and storage.

Highly available

- ☒ Configurable fault tolerance to multiple drive failures.
- ☒ Configure policies for node, rack and AZ-level failure tolerance.
- ☒ Ultra-fast repair and resynch.

1 Select Compute Nodes
Step 1 of 5

Name	Used Space / Total Space	Available Disks / Total Disks
<input checked="" type="checkbox"/> 1_1.1	0.0 B / 1.8 TB	2 / 2
<input checked="" type="checkbox"/> 1_2.2	0.0 B / 1.8 TB	2 / 2

2 Select Physical Disks
Step 2 of 5

6bfecc22

☒ 0.0 B / 821.5 GB Available

☒ 0.0 B / 821.5 GB Available

6bfecc36

☒ 0.0 B / 821.5 GB Available

☒ 0.0 B / 821.5 GB Available

3 Select Redundancy Levels
Step 3 of 5

Replicas

Set the replica number. This denotes how many data copies there will be.

1 Replica: There is just one data instance.

N Replicas: There are N data instances.

1 Replica

2 Replicas