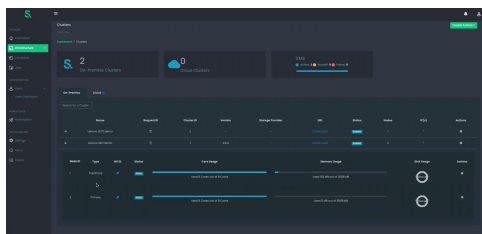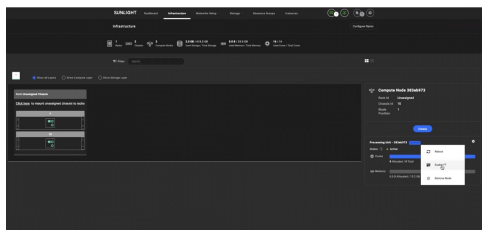# High Availability

Fail-over and redundancy for mission-critical applications at the edge

Sunlight is highly available by design, so you don't have to spend time setting up and testing systems at each remote, distributed site. Sunlight is designed to deliver fail-over, redundancy, disaster recovery and fault tolerance with just two nodes – giving you peace of mind for mission-critical applications operating at the distributed edge. Eliminate downtime and lower the cost of servicing remote locations by moving break-fix to regular business hours – with lower cost SLAs.
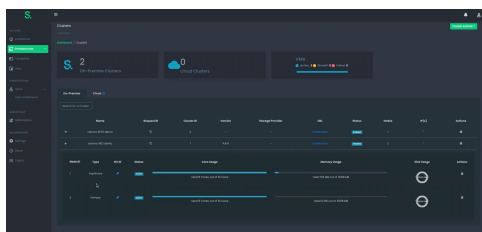

Fail-over
❑ Automated cluster controller and VM failover.

❑ Quickly and easily set up a primary and secondary node in NexCenter.
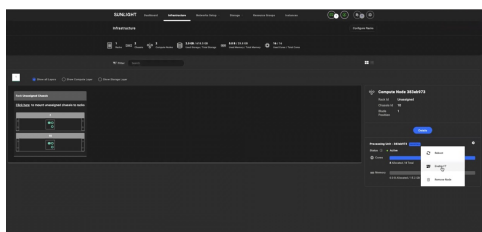
❑ Automatically switch traffic to the secondary node.

Redundancy
❑ Designed for hardware, software, application and data redundancy.

❑ IT components on secondary node designed to be able to perform the same tasks as the primary.

Disaster recovery
❑ Server, rack & availability zone-level HA policies.

❑ Automated backup and fail-over processes.

❑ Snapshots hosted on redundant servers to ensure resilience and quick recovery from data loss.

Fault tolerant
❑ Zero downtime and continuous operations – even if software and hardware elements fail.

❑ Back up of entire hardware and software systems.

SUNLIGHT