

OmniCEPH

Scale-Out Storage

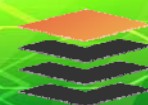


CUC's latest addition to a growing lineup of new software-defined-storage solutions. A unified storage platform, **OmniCEPH** is ideally suited for both Enterprise on-premise and Cloud-centric big-data storage management and long-term file protection. Includes **CRUSH** (Controlled Replication Under Scalable Hashing) automated object-based data distribution and management to maximize multi-petabyte capacity and efficiency while completely eliminating the need for a centralized directory.

- Object-Based Scale-out Clustered Storage Solution
- Unified Object, Block-level & File storage architecture
- Seamless AWS-S3 & Openstack integration
- Open-source, software-defined-storage solution
- Self-healing, self-managing platform, no single-point-of-failure
- Automated multi-tier, multi-location replication/ snapshots
- Customized role specific server configurations available to maximize capacity, density and performance
- Optimized rack-level network integration enables streamlined deployment of storage and infrastructure
- Custom combined SSD/SAS/SATA3 storage technology to meet your unique density and performance metrics
- Cost-effective federated information repository ideal for cloud applications, content distribution, archive, backup, business continuity, and big data analytics
- 3PB's+ per 42U rack (w/6TB drives)



ceph



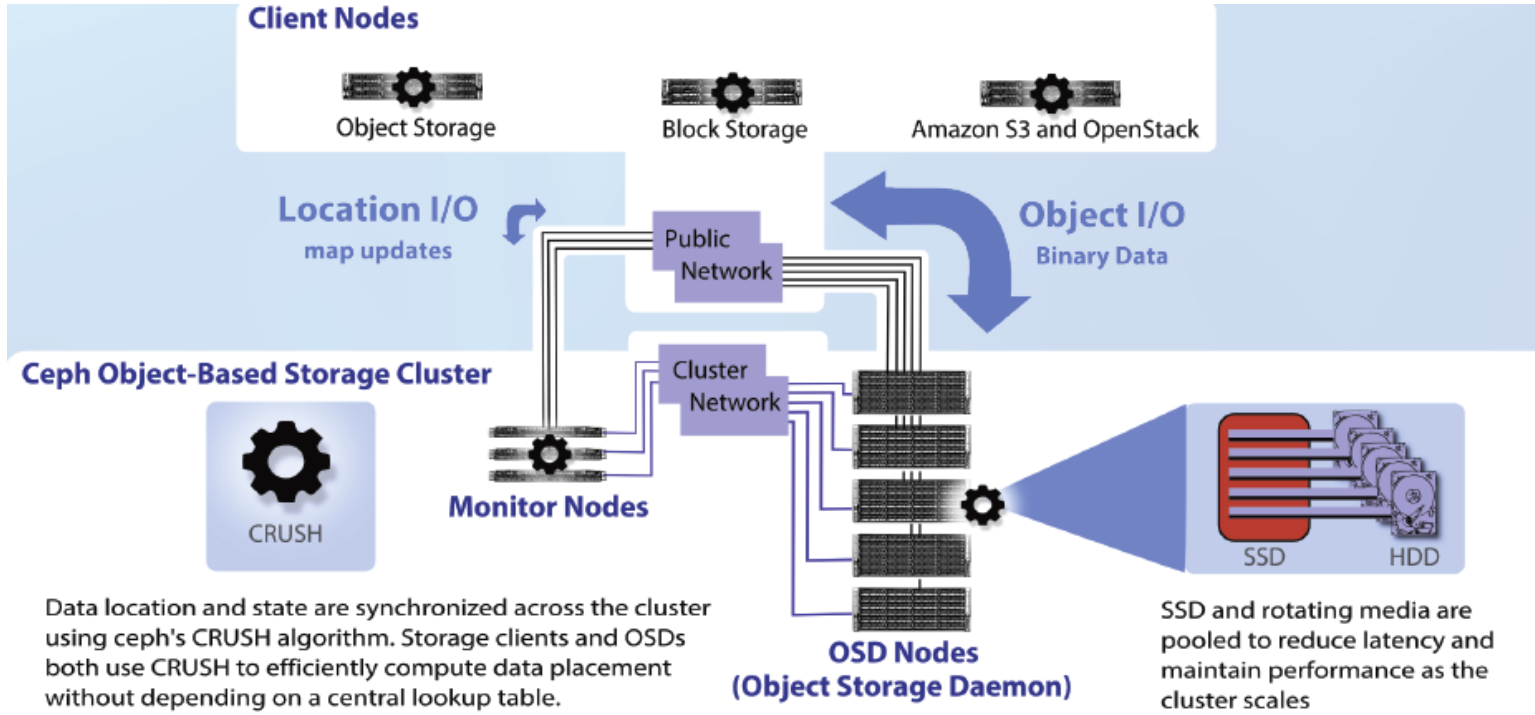
swiftstack

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Typical Deployment Model



CEPH UNIFIED STORAGE



OBJECT STORAGE

- S3 & Swift
- Multi-tenant
- Keystone
- Geo-Native API



BLOCK STORAGE

- Snapshots
- Clones
- OpenStack
- Linux Kernel
- iSCSI



FILE SYSTEM

- POSIX
- Linux Kernel
- CIFS/NFS
- HDFS
- Distributed Metadata

Out-of-Band Management

- Easy integration with existing data center management frameworks and infrastructure
- Remotely manage hardware health and OS system services
- Manage cluster node power
- Parallel BIOS management to multiple targets
- Perform configuration, monitoring and update operations without affecting application performance or continuity

Call CUC today for specific configuration Options & Pricing



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