Storage Solutions for Stratoscale Symphony
INFINIDAT InfiniBox™

The rise in adoption of public cloud services has highlighted a dramatic shift in the IT industry. Public cloud providers like Amazon, Google, and Microsoft have proven to the world that an on-demand, elastic, and usage-based infrastructure model brings about new and unprecedented levels of business agility, operational simplicity, and cost-savings.

As a result, many IT organizations are transforming their own data center infrastructure to become more agile, fully self-service, and cost-effective similar to major cloud service providers.

The Power of Choice

No two businesses are the same. Varying applications, regulatory requirements, and cost constraints make every IT environment unique. Therefore, the ability to choose the appropriate compute, network, and storage components is paramount to properly architecting an on-premises cloud.

While there are many ways to architect a private cloud, Stratoscale and INFINIDAT have partnered to deliver a joint solution that can be deployed in minutes.

- **Simple Design**
- **Full Integration**
- **Easy Management**
- **Single-Instance Backup & Restore**
- **Predictable & Consistent Performance**
- **Green**
- **Space Efficient**
- **Massive Consolidation**

Stratoscale Symphony is a software-defined data center solution that provides the compute, virtualization, and cloud management services necessary to deploy a self-service cloud on commodity servers. INFINIDAT's InfiniBox™ provides true unified storage that offers high performance, is extremely reliable, and simple to manage. Together, these components form the basis for a scalable, highly-resilient cloud computing platform powered by a centralized, high-performing storage solution.

By integrating these two solutions, IT organizations can now deliver a public cloud experience to their end-users by enabling them to create virtual machines, virtual disks (volumes), and virtual networks, all from a single self-service portal.
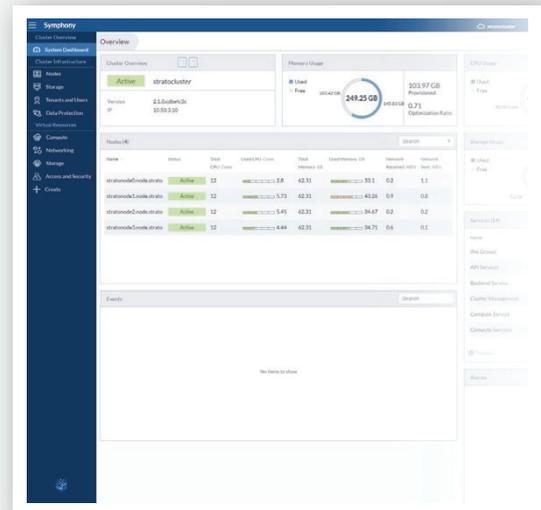
Storage administrators, on the other hand, retain fine-grained and centralized control of storage resources for tasks such as storage provisioning, capacity planning, and backup and recovery.

Stratoscale Symphony

Stratoscale gives your company the power to transform your IT from a manually provisioned silo-based deployment into an agile, cloud-powered data center. With Stratoscale Symphony, you can launch your private cloud within minutes.
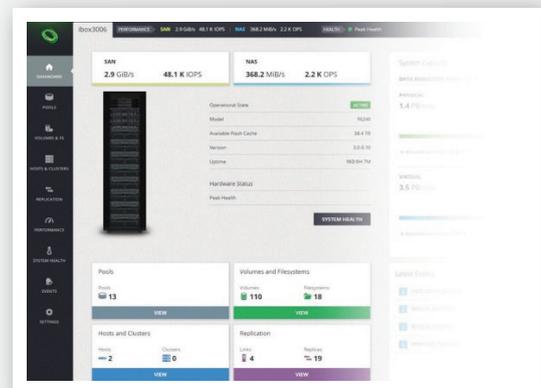
Key Benefits:

- Fast and easy cloud setup
- On-demand, self-service provisioning
- Linear scaling from a single node to hundreds of nodes
- Centralized management that facilitates administration
- Optimized workload performance and resource utilization
- OpenStack API compliance

INFINIDAT InfiniBox

INFINIDAT solves the challenges of storage at scale.
InfiniBox, enterprise-proven storage array, delivers greater than 2.7 petabytes of usable unified (FC/iSCSI/NAS) storage in a pre-integrated standard 42U rack, designed for 99.99999% (seven-nines) resiliency, outstanding performance (1M IOPS, 12.5GB/sec, μs latency), and great API integration, all with a TCO that is a fraction of typical enterprise storage. The combination of simplicity, efficiency, reliability, performance, integration, and TCO makes INFINIDAT storage ideal for cloud environments.

About Stratoscale

Stratoscale is redefining the data center, developing a hardware-agnostic, software platform converging compute, storage and networking across the rack or data center. The self-optimizing platform automatically distributes all physical and virtual assets and workloads in real time, delivering "rack-scale economics" to data centers of all sizes with unparalleled efficiency and operational simplicity. Stratoscale is backed by leading investors including: Battery Ventures, Bessemer Venture

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