SUSE and Fujitsu: Partners in Software-Defined, Open Source Storage

As data volumes explode, enterprises are turning to software-defined storage (SDS) as a way to improve data management and operations. And because SDS runs on commodity hardware platforms, it helps you save money while you enjoy ease of management and expanded flexibility over other storage solutions. You can get even more out of your SDS by choosing SUSE Enterprise Storage on Fujitsu hardware—the ultimate solution for unlimited scalability that doesn't blow your bottom line.

Software-Defined Storage from SUSE and Fujitsu at a Glance:

- **Get an enterprise-ready version** of the open source, software-defined storage solution Ceph, built by trusted leaders in the Ceph community.
- **Cost-effectively scale your storage** with per-node pricing, so per-gigabyte costs don't weigh you down.
- **Unify file,** block and object storage in one solution.
- **Ease management** with a Ceph Dashboard, self-management and self-healing features.

- **Products and Solutions**

+ *SUSE Enterprise Storage*
+ *Fujitsu Storage ETERNUS CD10000*

SUSE and Fujitsu: Long-time Partners Committed to Supporting Your Needs

For more than 15 years, Fujitsu and SUSE have worked together to simplify complex enterprise IT management and reduce IT expenses. Fujitsu offers various solutions—featuring SUSE Linux Enterprise Server, SUSE OpenStack and SUSE Enterprise Storage—that enterprise customers can count on for high performance, efficiency and reliability.

Both SUSE and Fujitsu are closely involved in the open source project for Ceph—the SDS technology that forms the foundation of SUSE Enterprise Storage—and are members of the Ceph advisory board. In fact, SUSE is now the number-two contributor to Ceph. The partners have a deep understanding of today's data storage challenges and a wealth of expertise in how to overcome them.

Another benefit to choosing SUSE and Fujitsu is that you get a one-stop shop for hardware, software and services. Fujitsu and SUSE partner closely on multiple solutions that you can combine with your SDS infrastructure, including those for SAP HANA and OpenStack cloud.

Data Storage that Overcomes Today's Challenges

With SUSE Enterprise Storage on the Fujitsu ETERNUS CD10000 reference architecture, you get fast access to critical data when you need it and the flexibility of infinite scalability. The combined SUSE Enterprise Storage and ETERNUS CD10000 reference architecture is based on software-defined and hyperscale principles. It enables you to start with a capacity of a few terabytes and scale up to 50 petabytes or more by adding storage nodes. It is built on the latest version of Ceph and offers containerization support, as well as

SUSE Enterprise Storage is the most affordable way to grow your storage because you pay by node, not for every gigabyte you store.

faster and more granular backup capabilities.

The ETERNUS reference architecture consists of pretested configurations with flexible storage systems and server options. The solution creates a highly flexible and stable storage environment. The Ceph-based architecture allows for the easy addition, exchange or upgrade of new storage nodes without any downtime.

SUSE Enterprise Storage has a flexible, cluster-based design. It is self-managing and self-healing, which means you can free your IT team from rote management and operational tasks. Using Ceph, a single system administrator can manage petabytes of data—many times more than an administrator in an equivalent block-storage environment. The system can scale horizontally even further, with increased performance results.

The Fujitsu-SUSE storage solution is an ideal choice for a variety of uses:
- *Compliance archiving*
- *Data archive and bulk storage*
- *Disaster recovery or disk-based backup*
- *Storage for streaming audio/video libraries*
- *Storage for internal/private cloud solutions (OpenStack)*
- *High performance computing*

Learn More
Learn more about how SUSE and Fujitsu can give you the storage capacity for today's and tomorrow's needs, at suse.com/fujitsu.