



# SUSE and Cisco Deliver Cost-Effective, Scalable, Easy-to-Manage Storage

Software-defined storage (SDS) is quickly becoming today's standard for storing and managing ever-increasing volumes of data. SDS delivers a full suite of persistent storage services via an autonomous software stack that can run on a commodity hardware platform. That makes it a more scalable and cost-effective solution than the traditional proprietary, hardware-based storage—and it means more dynamic storage provisioning, so you can better handle fluctuating workloads. And now, thanks to SUSE and Cisco, you can get enterprise-ready SDS that is affordable and easy to manage.

## Software-Defined Storage from SUSE and Cisco at a Glance:

- **Get the benefits of an enterprise-ready version...**  
of the open source SDS solution Ceph, with added features from longtime industry leaders.
- **Scale your storage cost-effectively...**  
by paying per node, not per gigabyte.
- **Reduce architecture complexity...**  
with unified file, block and object storage.
- **Simplify management...**  
with an integrated, comprehensive toolset that makes IT's job easier.
- **Products:**  
SUSE Enterprise Storage  
YES Certified™ Cisco UCS servers  
Cisco UCS Manager

## SUSE and Cisco: A Partnership to Support Your Storage Requirements

The ongoing partnership between Cisco and SUSE has been the foundation of many innovations for more than 20 years—not only for storage, but also for a variety of solutions that you can combine with your SDS infrastructure, including solutions for SAP HANA and OpenStack cloud. SUSE is Cisco's preferred SAP partner, which is one reason SUSE Enterprise Storage on Cisco Unified Computing System (UCS) hardware is an ideal storage solution for SAP environments.

Cisco and SUSE share a common approach to data center architecture that revolves around simplicity and extensibility, two areas in which both companies excel. What that means for you is a portfolio of forward-looking solutions that meet all of

your requirements today and that set you up for continuing success in the future.

## Scalability Meets Simple Management

With SUSE Enterprise Storage on Cisco UCS servers and UCS Manager, you get the flexibility of infinite scalability and fast access to critical data when you need it. The Cisco and SUSE components integrate seamlessly to create a single storage solution, and per-node pricing—instead of per-gigabyte—allows you to grow more cost-effectively.

## Storage That Works the Way You Do

The Cisco/SUSE SDS solution is an ideal choice for a variety of uses:

- *Compliance archiving*
- *Data archive and bulk storage*

Off-the-shelf servers with SUSE Enterprise Storage reduce capital expenditures, lowering the cost per gigabyte of enterprise-class storage deployments by as much as 50 percent in some cases.\*

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- Disaster recovery or disk-based backup
- Audio/video streaming

### Components of Powerful Storage

#### CISCO UNIFIED COMPUTING SYSTEM

Cisco UCS is a state-of-the-art data center platform that unites computing, network, storage access and virtualization into a single cohesive system. You can combine storage-rich nodes, such as the Cisco UCS S3260 Storage Server, with other system nodes of your choice from the Cisco UCS portfolio to create a storage cluster that is ideal for delivering multiprotocol file services to many applications or use cases.



**Figure 1.**  
Cisco UCS  
S3260  
Storage  
Server

#### CISCO UCS MANAGER

Cisco UCS Manager makes it easy to automate routine tasks to boost agility,

streamline daily operations and reduce management requirements. In addition to simplifying storage management, it enables server and fabric provisioning as well as device discovery, inventory, configuration and much more.

#### SUSE ENTERPRISE STORAGE

SUSE Enterprise Storage allows you to deploy a unified block, object and file storage environment to reduce the capital and operational costs of storage infrastructure. Its flexible, cluster-based design enables graceful and inexpensive upgrades and near-linear scaling.

SUSE Enterprise Storage 5 offers up to double the write performance of previous releases, coupled with significant reductions in I/O latency through the use of BlueStore—which can help reduce data storage overhead by enabling data compression.

#### Learn More

Learn more about how SUSE and Cisco can give you the storage capacity for today and tomorrow's needs at [www.suse.com/cisco](http://www.suse.com/cisco).

\*[www.suse.com/solutions/software-defined-storage/](http://www.suse.com/solutions/software-defined-storage/)