

## Nominee: SUSE

---

### Nomination title: SUSE Enterprise Storage 4

SUSE Enterprise Storage delivers a highly scalable and resilient storage environment with a single unified software-defined storage cluster that provides applications with object, block and file system storage

- **Unlimited scalability with a distributed storage cluster designed to scale to multi-hundreds of petabyte environments and beyond**
- **No single points of failure with a highly redundant storage infrastructure design that maximizes system resiliency and availability**
- **Maximize application availability following hardware failures with self-healing capabilities that minimize storage administration involvement and optimize data placement enabling rapid reconstruction of redundancy**
- **Provides all of the Storage services expected of an Enterprise grade storage Solution**

Reduce IT costs with an intelligent software-defined storage management solution that uses commodity off-the-shelf servers and disk drives

- **Significant CAPEX savings using commodity hardware that is at least 30 percent less expensive than average capacity optimized NAS solutions and at least 50 percent less expensive than deploying the average capacity-optimized mid-range disk array**
- **Reduce IT operational expense with a single storage management tool managing a single storage cluster for your heterogeneous server environment (Linux, UNIX, Windows, VMware)**
- **Optimize infrastructure without growing IT staff with an easy to manage intelligent solution that continuously monitors data utilization and automatically re-balances data placement without any manual intervention**

Seamlessly adapt to changing business and data demands with the capability to automatically optimize, upgrade or add storage when needed without disruption

- **Automatically respond to changing demands with self-managed and self-healing storage that optimizes system performance**
- **Easily provision and seamlessly deliver – no need for a forklift upgrade - with the ability to easily add additional cost-efficient and highly scalable storage, without disruption, to meet the explosive data demands**

- No vendor lock-in means maximum flexibility enabling you to use off-the-shelf commodity hardware (vs. proprietary HS) with the flexibility to repurpose if business priorities change
- Accelerate innovation by leveraging a software-defined open source storage management solution, powered by Ceph Technology, that ensures you have timely and easy access to the latest technology in areas where innovation is occurring at a rapid pace

### Why nominee should win

SUSE Enterprise Storage is a highly cost effective and scalable platform to store “large data” like video, graphics, audio and more, where traditional storage servers get consumed faster and cost more, and are unsuitable to handle 100s GB / TB size data well.

- Engineered to handle large data using an object storage foundation (RADOS) and cloud principles of distributed computing on inexpensive, commodity servers
- “Per node” pricing vs industry-norm “capacity based pricing” which means your costs stay low even as you store more data
- The ability to extend into block and file storage as needed
- The rapid innovation and no software licensing costs benefits of open source
- Can be used in applications such as oil and gas seismic maps, x-ray and 3D ultrasound libraries, video streaming, video surveillance, CAD / CAE, and much more