



Top reasons to invest in

FUJITSU Storage ETERNUS CD10000 Reference Architecture

FUJITSU Storage ETERNUS CD10000 lets you manage extreme data growth yourself – and with ease. This hyperscale, software-defined reference architecture is designed for all environments with ambitious online data demands.

The architecture integrates open source Ceph software with enterprise-class service from trusted partners to fully benefit from open standards.

ETERNUS CD10000 delivers compelling new economics for organizations managing enormous “big storage,” for example, cloud and telco service providers, financial, media and business analytics organizations, plus any other environment where online data volumes are exploding. It is time to manage data growth with the utmost efficiency – discover the ETERNUS CD10000.



shaping tomorrow with you

FUJITSU

OPEN STANDARDS AT ENTERPRISE-CLASS SERVICE LEVELS

The storage software is based on the Ceph enterprise open source platform and supported by our partners Red Hat and SUSE, thus enabling IT organizations to benefit from open standards without implementation and operational risks.

Your benefits

- Dramatic reduction of integration risks
- One seamless management system for Ceph and the entire system hardware
- Consistent lifecycle management of hard and software reduces maintenance workloads

UNLIMITED SCALABILITY OF CAPACITY AND PERFORMANCE

Think big, start small: ETERNUS CD10000 scales capacity and performance linearly through the addition of storage nodes. Starting with four nodes, the architecture can support up to 224 nodes in environments with unpredictable data growth. It supports object, block and file access with one architecture.

Your benefits

- Scalability on demand reduces investment in unused capacity
- Standard, high-capacity and high-performance nodes balance speed, costs and space
- Constant high performance for maintaining service levels
- The architecture supports all data formats to enable large-scale system consolidation

ZERO DOWNTIME ARCHITECTURE

Data copies are distributed automatically between disks and nodes to ensure full redundancy. The architecture is designed to be self-healing and self-optimizing for maximum resiliency to prevent outages.

Your benefits

- Uninterrupted operations ensure access to data at any time
- Minimum tuning required – always the right service level
- No downtime for maintenance tasks or system enhancements

IMMORTAL SYSTEM

Extremely long lifecycle – online technology refreshes reduce migration costs. The architecture allows for the easy addition, exchange or upgrade of new storage nodes without any downtime.

Your benefits

- Lifecycle is extended by a factor of three compared to conventional systems
- Stable and consistent service levels
- Dramatic migration cost savings

EXTREMELY LOW TOTAL COST OF OWNERSHIP (TCO)

The architecture dramatically reduces TCO by combining open source software with self-optimizing and self-healing functions along with industry-standard technology.

Your benefits

- Cost savings for evaluation, implementation and operations
- Predictable costs even in light of unpredictable growth
- Lower TCO per gigabyte than conventional high-capacity systems

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