

FUJITSU

Service BS2000 Portfolio

ETERNUS Storage Cluster
für BS2000

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FUJITSU

shaping tomorrow with you

Human Centric Innovation

Driving Digital Transformation

FUJITSU Service BS2000 Portfolio

A black and white photograph of three people standing in a server room. The room is filled with rows of server racks that have a grid of glowing lights on their front panels. The people are in the middle ground, looking at something off-camera. The floor is highly reflective, showing the silhouettes of the people and the racks.

ETERNUS Storage Cluster for BS2000

Agenda



- Customer Challenges
- FUJITSU Service BS2000 Offering
- Next steps, Call to Action

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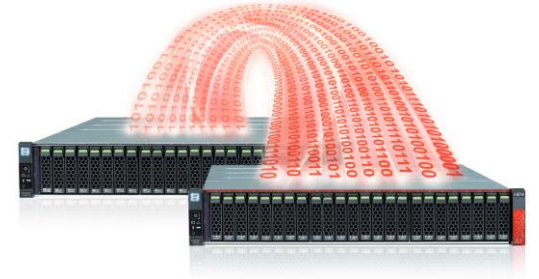
A black and white photograph of three people standing in a server room. The room is filled with rows of server racks that glow with light. The people are in the foreground, looking at the racks. One person is pointing towards a rack. The background shows the depth of the server aisle.

Customer Challenges

ETERNUS Storage Cluster - functionality



Storage Cluster is a feature of the ETERNUS DX / AF storage systems, where the data is permanently replicated synchronously between two storage systems. If one of the systems fails, all active paths of the servers are automatically switched to the other storage system. The storage failover is transparent to all servers and applications connected to the storage system.

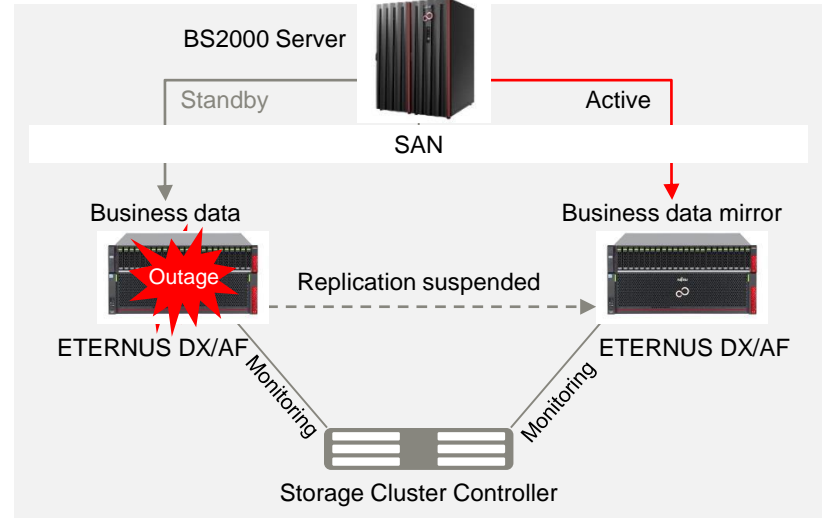
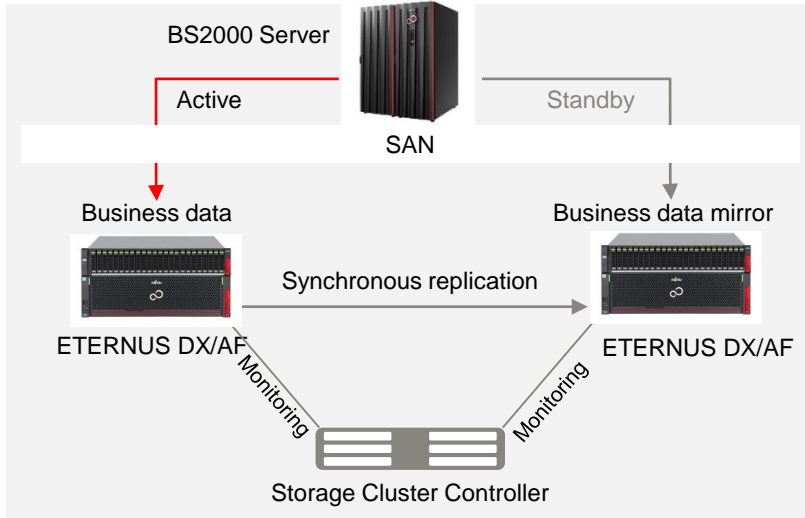


The *Storage Cluster Option for BS2000* provides true high availability without downtime. In addition to avoiding costly outages and lengthy recovery scenarios, the feature eases the situation of scheduled maintenance because switching between storage systems can be done manually at any time.

ETERNUS Storage Cluster for BS2000 - overview



The Storage Cluster Option for BS2000 creates high availability



Volumes are mirrored synchronously



Failover in both directions, manual or automatic

- Designing an ETERNUS Storage Cluster in the BS2000 environment
 - Tailored to the customer's infrastructure
 - Flexible design, according to the individual failure concepts
- Implemented in ETERNUS AF / DX, Storage Cluster Controller and BS2000
- Adaptation of processes
- Migration of the existing configuration to the Storage Cluster



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FUJITSU Service BS2000 Offering

- Setting up an ETERNUS Storage Cluster for BS2000
- Service delivery by Fujitsu employees
- Familiarity to current interfaces and concepts
- Individual agreement of the main topics
- Consulting and support for integration into existing processes
- Ready to use configuration of an ETERNUS Storage Cluster for BS2000
- Proof of concept as decision aid in advance

ETERNUS Storage Cluster for BS2000

BS2000 Service offers for the introduction in BS2000

Transparent for BS2000 Server and Application

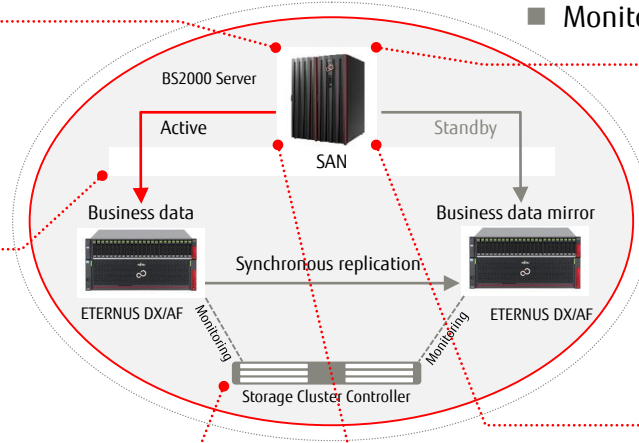
- During normal operation, during and after failover

BS2000 Integration with SHC-OSD / StorMan

- Mapping Storage Cluster on BS2000 resourcen
- Monitor Storage Cluster and volumes to BS2000 console

SAN Configuration

- Dedicated FC paths per storage system and SCO group



Management with SHC-OSD / StorMan

- Automation of production processes
- Replication Management / Continuous Copy
- Manual failover and failback as basis for HA and DR scenarios

Configuration and Management

- ETERNUS DX / AF
- ETERNUS SF
- Storage Cluster Controller

SE Management with StorMan WebUI

- Integration into storage and server oriented views
- Failover / Failback Support

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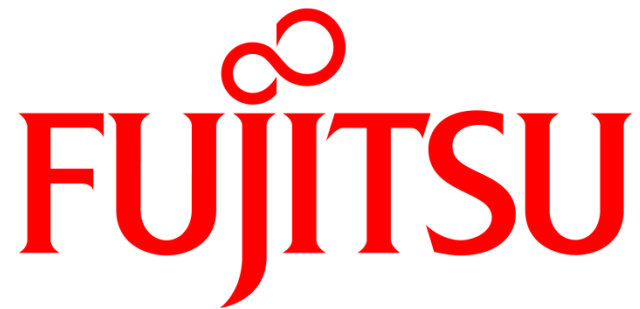
Next steps, Call to Action

Next steps, Call to Action



- Ask for the service "ETERNUS Storage Cluster for BS2000"
- Discuss your main topics with us
- Fix a date
- Purchase the service



The Fujitsu logo consists of a red infinity symbol positioned above the word "FUJITSU". The word "FUJITSU" is rendered in a bold, red, serif typeface. The letter 'J' is notably stylized with a long, sweeping tail that extends downwards and to the left.

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