

Ensure Business Continuity



Be Prepared and Keep your Business Up and Running -
Disaster-Tolerant Fujitsu Power Appliance for SAP HANA® Solution

SAP HANA is on its way to becoming a business-critical resource in an increasing number of enterprises.

Consequently, any breakdown of an SAP HANA system would immediately result in lost revenue. The SAP-certified disaster-tolerant Fujitsu Power Appliance for SAP HANA solution safeguards the availability of SAP HANA and all your data - even if an incident should bring an entire data center to a standstill.

Why Think about Disaster Tolerance?

The survival of an organization depends on how it is able to respond to a crisis. One of the potential disasters is a breakdown in the IT infrastructure caused by an unforeseeable event such as a natural disaster or fire. Although such events can be without any warning whatsoever, the negative impact for your business can be dramatically reduced if protective measures are taken upfront. It is thus advisable to think about such measures if a breakdown of your SAP HANA database would inevitably result in significant revenue losses which would endanger the existence of your organization.

Two questions are crucial when thinking about the implementation of concepts which safeguard the availability of your SAP HANA database:

- How much data loss is acceptable?
- How much time can be accepted for the for setting-up of an operational system?

If zero data loss is required and an operational site needs to be available within a short period of time, typical measures which increase the local availability of a system, such as dedicated spare servers, are simply not enough. In such a case, data must be replicated synchronously over long distances to a second site which can then continue operations if the first site breaks down.

How can Fujitsu help?

As a pioneering SAP HANA partner, Fujitsu seeks to provide innovation at its best and offers SAP-certified solutions and services that improve the implementation, operation and availability of the SAP HANA software. Fujitsu has joined forces with its strategic partner NetApp regarding data storage and protection. NetApp is a leading supplier of storage systems and software which help enterprises to store, manage, protect and retain one of their most precious corporate assets: their data.

The disaster-tolerant Fujitsu Power Appliance for SAP HANA scale-out solution leverages the NetApp Fabric Metro Cluster FAS3250 and the NFS V3 synchronous replication protocol to ensure synchronous data mirroring and deliver continuous availability combined with zero data loss. This capability has been proven in a comprehensive series of tests and has been certified by SAP.

Solution set-up

The implementation of the disaster-tolerant solution requires identical appliance configurations on two sites which are ideally located several kilometers away from each other. The SAP HANA production instance at the primary site runs all the transactions and all the data is stored consistently on a shared NetApp FAS3200 Series storage system and synchronously replicated via NFS V3 to the NetApp storage system at the secondary site. In order to use the infrastructure on the secondary site efficiently, it can be used for test and development projects with an additional NetApp FAS3250 storage system. In a possible disaster situation, an IT expert evaluates the dangers involved and initiates the recovery if applicable. A guided recovery process reduces the risk of human error and administration overheads and ensures a rapid return to normal SAP HANA operations and thus a quick resumption of normal business operations.

This disaster-tolerant solution for SAP HANA has been certified by SAP (see SAP Note #1755396).

Fujitsu Financial Services

Fujitsu Financial Services helps you acquire tomorrow's technology today. As Financing is also a component in your SAP HANA investment decision, Fujitsu Financial Services is offering two exciting finance solutions, both of which can help to make the acquisition of your new system even more affordable. Financing can help you overcome shrinking budgets, protect against obsolete technology and help to reduce the overall Total Cost of Ownership. This gives you more time and money to invest in your core business areas.

Fujitsu Maintenance

Fujitsu delivers Maintenance and Support Services worldwide for individual products as well as heterogeneous infrastructures - and all from one source. This covers the installation of new products as well as the provision of fast and uncomplicated multivendor support for hardware, software and infrastructures. The right selection and combination of the various services for each customer helps Fujitsu to ensure continuous IT system availability and business operations.

Interested?

For more information on Fujitsu infrastructure solutions and services for SAP HANA and how to realize business continuity please contact your local Fujitsu sales organization or expert.sap@ts.fujitsu.com.