

RECOVERY

# FUJITSU Cloud Disaster Recovery as a Service

shaping tomorrow with you



# Stay in Business. Every Day.

## Fujitsu Disaster Recovery as a Service

Protect your key business processes and critical data with seamless, nearly instantaneous failover and failback of your physical servers as virtual machines in the cloud.

### Business as Always in an Always-On World

Today's "always-on" world is unforgiving when it comes to business or service disruption. Any downtime, especially in banking and other service-oriented industries, is deemed unacceptable with a devastating effect on brand reputation and business credibility.

Many businesses now run real-time applications and maintain an online presence to serve and stay in touch with increasingly sophisticated customers round-the-clock. This makes it even more vital that key business processes and customer touch-points "stay open" even when disaster strikes.

### How Much Downtime Can You Afford?

Facing pressures for continuous availability, today's Disaster Recovery (DR) plans need to ensure more seamless, almost instantaneous recovery of critical business applications. Yet, traditional dedicated and shared DR options often require businesses to weigh costs versus speed considerations, trading off Recovery Time Objective (RTO) and Recovery Point Objective (RPO).

What's more, many businesses often view DR plans as a form of "insurance", designed with less frequent disasters such as earthquakes and tsunamis in mind. Yet, in reality, most disruptions are caused by common threats such as cyber-attacks, power outage, server hardware failures and even human error.

The question is: how are you juggling your almost flat or shrinking IT budget to achieve business resilience and 24x7 business continuity? Cloud-based DR offers a simpler, more cost-effective alternative to traditional DR options, by enabling speedy data recovery without the high upfront capital expenditure and ongoing expenses required for a high level DR plan.

### Fujitsu Disaster Recovery as a Service

Fujitsu Disaster Recovery as a Service (Fujitsu DRaaS) is our answer to these challenges. A cloud-based business resilience service, Fujitsu DRaaS provides on-demand virtual recovery running on a reliable shared infrastructure. It protects your key business processes and critical data by delivering seamless, nearly instantaneous failover and failback of your physical servers as virtual machines in the cloud.

Designed for businesses looking for a cost-effective way to recover business critical data from their traditional IT environment to the cloud, DRaaS helps you:

- Restore key business processes within a RTO of 1 to 4 hours after a major business disruption.
- Recover critical data within a RPO of no more than 15 minutes of data loss.

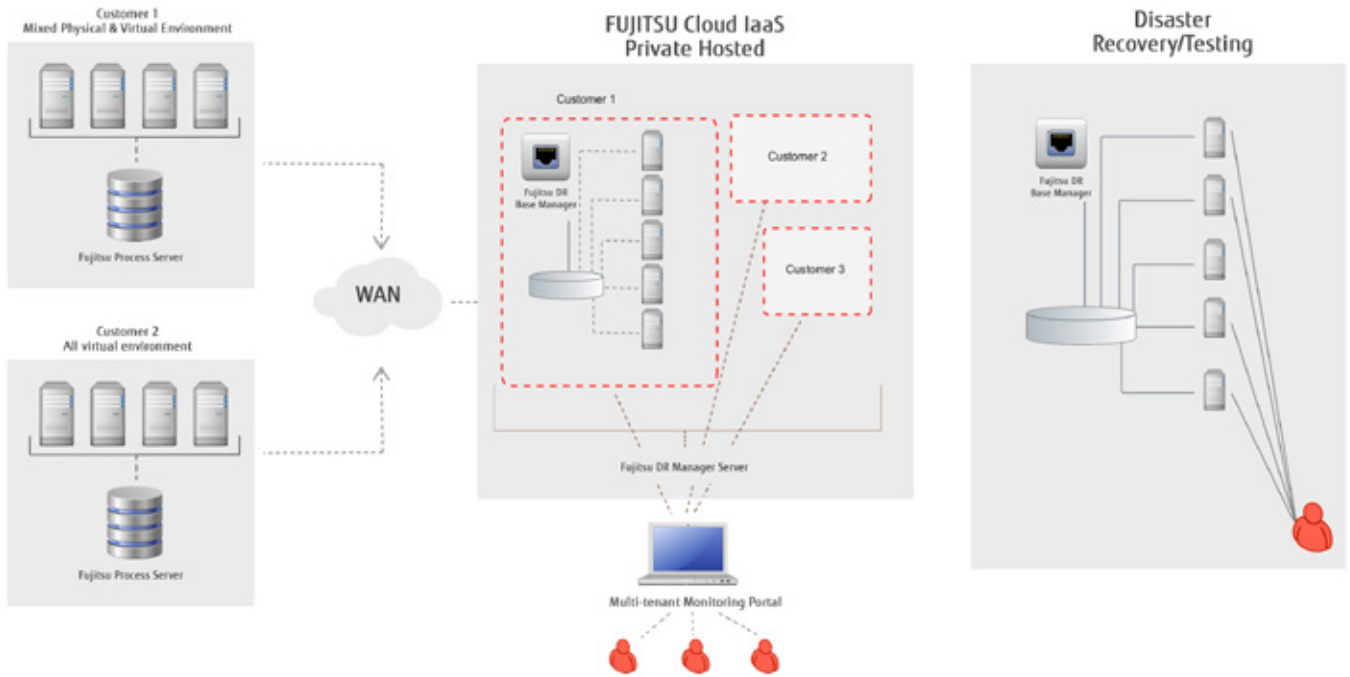
Based on a flexible pay-as-you-use model, this service gives you an economical and scalable way to attain RTO and RPO like that of a dedicated infrastructure, at the affordable cost of a shared setup. Besides fast deployment, it also offers assurance by enabling more frequent testing of your DR plans.

Always had to compromise business continuity due to cost? Now with the best of both worlds, you can get down from the tightrope and stop juggling.

## Replicate. Restore. Recover.

Offering best-in-class data and application protection, Fujitsu DRaaS uses standard hardware configuration for the recovery of your IT environment.

- Setup and Pre-Disaster: A replication process server is placed in the customer's data center. This facilitates data replication from customers' servers to Fujitsu's cloud platform. After the initial seeding of data locally, delta changes are compressed before being replicated over the wide-area network, thus optimizing bandwidth. During standard production, replication occurs from the production environment to the Fujitsu Virtual Private Hosted Environment.
- During a Disaster: When disaster occurs, virtual servers are allocated and brought on-line to handle processing. After physical servers and data are recovered, applications are restarted and networks redirected.



## Safeguards that Ensure Your Business Stays Open

Fujitsu DRaaS offers these functionalities:

- Supports application-consistent data availability across any and all applications to deliver near zero RPO and RTO from within few hours.
- Supports recovery of both physical and virtual servers running Windows and Linux.
- Supports most popular disk storage except host with NFS mount format.
- Supports host-based, appliance-based, and array-based data replication in asynchronous mode.
- Enables roll back of virtual machines to any past database states up to 3 days earlier with Continuous Data Protection (CDP) and Snapshots technology.
- Allows testing of recovery environment.
- Enables non-disruptive testing against a point-in-time replica of the production data without affecting on-going production replication.
- Provides reports including current and historical utilization reports, and customized replication health reports.
- Includes web portal for easy monitoring of replication and failover statuses.

## Business Resilience in the Cloud

As a cloud-based business resilience service, Fujitsu DRaaS delivers the following benefits:

### Lowered total cost of ownership:

- Predictable monthly operating expenses with flexible, pay-as-you-use licensing.
- Reduced up-front capital investment cuts overheads; gain further savings with scalable cloud model.

### Enhanced business resilience and agility:

- Enhanced business continuity with almost seamless, near instantaneous failover and failback of critical business applications.
- Enjoy fast recovery of key business processes and critical data with RTO of 1 to 4 hours and RPO of no more than 15 minutes of data loss, after a major business disruption.
- Ensured recovery efficiency with support for both physical and virtual servers.
- Optimized application recovery times with tiered service levels.
- Enhanced agility to meet changing business conditions with cloud scalability.

### Gained efficiencies with increased control:

- Reduced frequent travel with web-based portal access for easy dashboard monitoring of replication and failover statuses.
- Enhanced control and confidence in DR plans with more frequent disaster recovery testing.

## Trusted Advisor. Proven Track Record.

As part of Fujitsu's comprehensive end-to-end cloud offering, Fujitsu DRaaS is backed by more than 30 years of Fujitsu expertise in delivering enterprise-class services to meet your business needs. With our proven track record to provide secure, resilient, high performance services, we serve more than 2,000 cloud customers globally via our pre-defined and pre-tested architecture designed to build true business resilience.

As your trusted expert service provider and technology partner, Fujitsu works alongside you to address your core IT challenges, maximize your business potential and most importantly, ensure that your Fujitsu investment works for you – just the way you want it.

## Fujitsu Singapore

Nexus @ one north

1 Fusionopolis Link, #04-01, Singapore 138542

Email: [fujitsucloud@sg.fujitsu.com](mailto:fujitsucloud@sg.fujitsu.com)

Web: [sg.fujitsu.com/cloud](http://sg.fujitsu.com/cloud)

Copyright 2016 Fujitsu, the Fujitsu logo, other Fujitsu trademarks /registered trademarks are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries. Other company, product and service names may be trademarks or registered trademarks of their respective owners. Technical data subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.