

Disaster Recovery as a Service

from NTT Communications



Cloud-based recovery service that allows you to operate as normal

With Disaster Recovery as a Service (DRaaS) from NTT Communications, your business can operate normally during planned or unplanned outages

THE IMPORTANCE OF DISASTER RECOVERY

IT systems and their availability are mission-critical to the smooth running of organizations. Any interruption to these systems can effectively halt the ability of a company to do business and affect customer confidence. Why would any company want to put their business at risk?

DRaaS

DRaaS from NTT Communications allows organizations to conduct business as usual during unexpected server failures or planned downtime through auto-failover and redirection of traffic to a real-time, replica server in a secure cloud environment.

Failover is rapid and seamless, with users and applications quickly up and running, ensuring continued service for businesses and uninterrupted access for end customers.

BUSINESS CHALLENGE

Businesses of all sizes are exposed to risks from unplanned outages, and face the challenge of operating "non-stop" if they are to stay competitive in today's on-demand business environment. Interruptions due to unexpected system failures, software corruption, maintenance windows, human errors, outside threats or disasters have proven to affect sales, service and productivity, and in many cases threaten a company's survival.

Businesses need an affordable and manageable way to ensure non-stop business operations and total data protection. DRaaS is a turn-key business continuity service that uses the capability and capacity of the NTT Communications Enterprise Cloud to ensure continuous availability of applications and data in the event of a critical system failure or disaster, and is delivered without additional IT infrastructure costs or training of internal IT staff.

SOLUTION

DRaaS is a managed cloud service that provides secure, real-time server replication with automatic failover and failback, ensuring data protection and high availability from a secure NTT Communications cloud platform, consisting of two offerings that can operate independently or in conjunction:

Cloud-to-Cloud server replication between NTT Com Data Centers for enterprises currently using NTT Com Enterprise Cloud.

Premises-to-Cloud server replication between enterprise private infrastructure (private or hybrid Clouds) and an NTT Com Data Center.

MANAGED CLOUD SERVICES

DRaaS is a subscription-based, managed service that eliminates the need to purchase, install, oversee and support hardware, operating systems, application software, business continuity software and disaster recovery data center facilities helping businesses eliminate upfront capital expenses, excessive deployment time and demands on IT resources.

The solution provides automated 24x7 disaster recovery server protection for your mission-critical applications. It can be installed without any disruption to your operations and is integrated with NTT Communications Enterprise Cloud.

Continuous availability with ongoing protection of mission-critical servers

With no capital investment required, DRaaS from NTT Communications, gives you full control and real-time visibility of protected servers

YOU'RE QUICKLY PROTECTED

- Readiness assessment identifies mission-critical servers that require continuous availability
- Replica servers at a second NTT Communications Data Center are configured to match those of the hosted services
- For Premises-to-Cloud server replication, a secure, enterprise-grade VPN connection is established allowing essential applications and servers to be replicated to NTT Communications Enterprise Cloud.

YOU ASSUME COMPLETE CONTROL

- Auto-failover capabilities
- Online Control Panel providing real-time visibility of protected servers
- Real time monitoring allowing for instant failover to the replica environment in NTT Communications Enterprise Cloud
- Schedule changes and updates on individual systems independently secure in protection guaranteed by continuous application availability.

NO CAPITAL INVESTMENT REQUIRED

- Monthly billing for each replicated server.

HOW IT WORKS: ONGOING PROTECTION

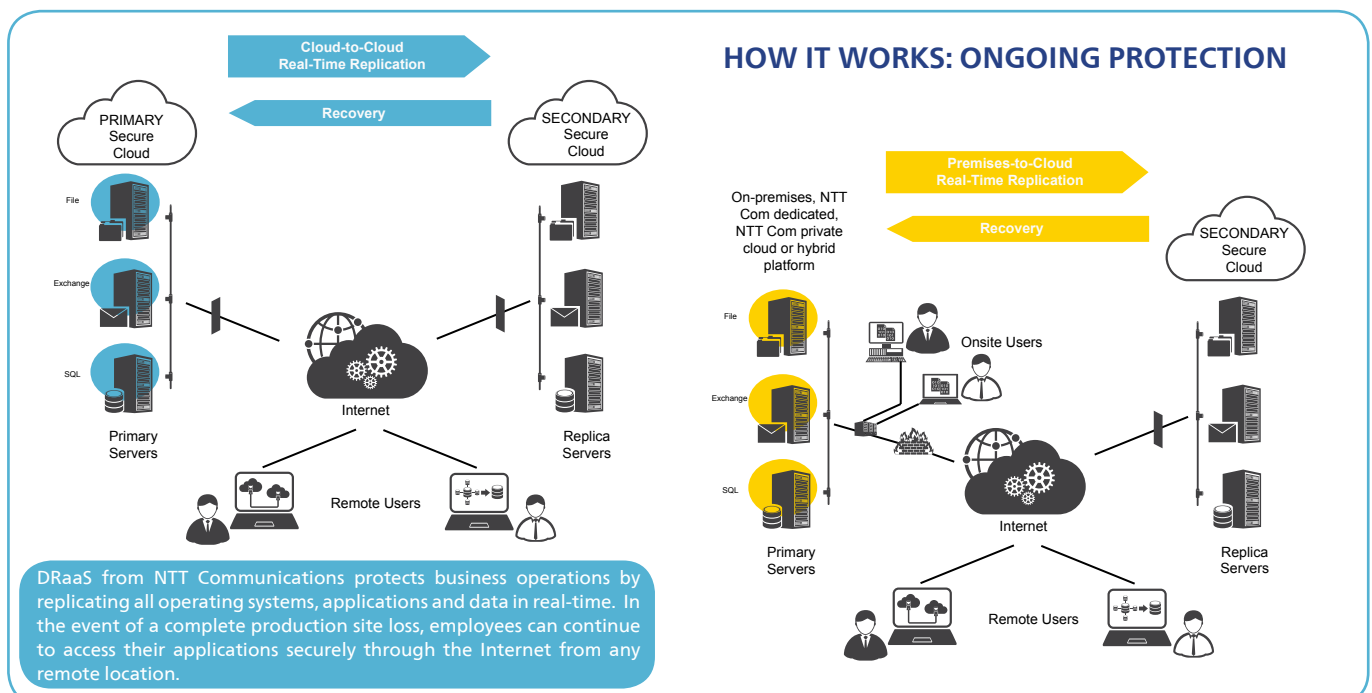
- Replicating critical servers, operating systems and end-user data to NTT Communications Enterprise Cloud
- Continuous replication that takes place over an encrypted VPN tunnel minimises impact of outages.

FAILOVER OR FAILBACK

- Users failed over and back transparently in the event of failure, scheduled down time or site loss.

Some of the platforms supported

- Microsoft Windows Server 2008/2012 (R1 and R2), Standard, Enterprise Edition, WebServer, DataCenter Editions, Windows Storage Server, Foundation, MSCS Cluster (32-Bit or 64-Bit)
- Red Hat Enterprise Linux Server version 4 through 6.6
- CentOS version 4 through 6.6



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