

Cloud-Based Disaster Recovery



Disaster Recovery Planning

IT system downtime costs North American businesses \$26.5 billion annually. A survey* of more than 200 CIOs, COOs, IT Directors and Managers reported that 70% of IT downtime impacts mission-critical services. Departments most likely to suffer downtime are operations, finance and procurement, with direct impact to the bottom line.

Companies implement several types of Disaster Recovery (DR) and business continuity strategies to prepare for the unexpected, including:

- Application clustering and load balancing
- Disk redundancy
- Local mirroring
- Snapshots
- Tape and off-site backup
- Secondary disaster recovery site

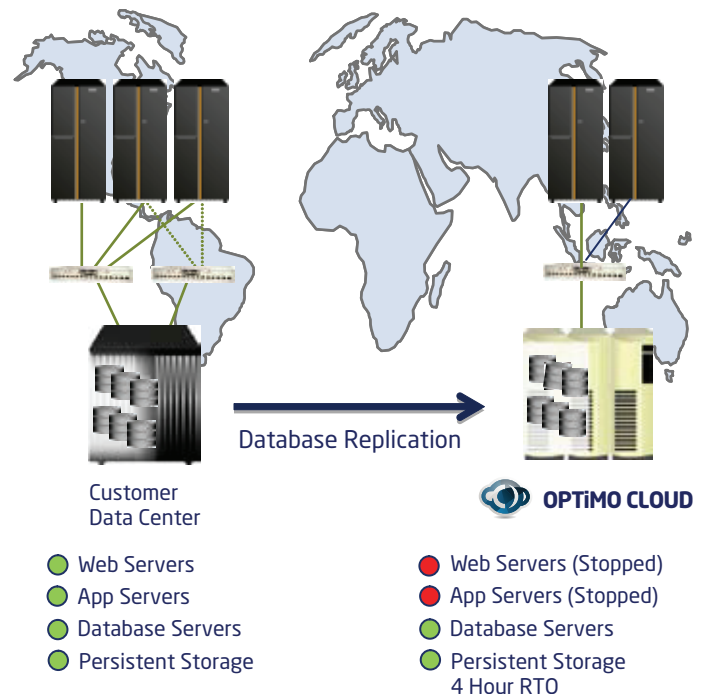
While operating a completely redundant secondary disaster recovery site can offer the fastest service restoration times, it is the most costly alternative, effectively doubling the cost of operations.

OPTiMO CLOUD DR REDUCES COST BY 70%

OPTiMO Cloud's DR solution enables businesses to operate a secondary disaster recovery site in the cloud with a 4-hour Restore Time Objective (RTO), at 20 to 30% of the cost of the primary site.

A Restore Point Objective (RPO) is established based on the customer's business requirement. After building a copy of the application and infrastructure on VMware-based Cloud Servers (aka virtual machines), IT administrators are able to shut down the DR servers that are not needed

For example, the web and application servers, that typically represent 60% of the infrastructure of a web operations platform, can be shut down if they are not needed. In the OPTiMO Cloud, when you turn off, or "stop," a Cloud Server, you are not billed for the CPU and RAM, which translates into a direct reduction in operating expense.



While Cloud Servers are in the stopped state, the only costs incurred are for persistent storage, at an nominal charge of \$0.0003 per GB/hour. Database servers can operate with a minimal configuration to support replication from the primary site, reducing resource consumption and cost by 25 to 50%. If a disaster is declared, web and application servers can be turned on in minutes. CPU and RAM can be adjusted on the fly to support increased processing and memory requirements for each server, including database servers.

OPTiMO CLOUD MANAGED SERVICES EXPERTISE

For nearly a decade, OPTiMO Cloud has provided complex SaaS application hosting solutions to SaaS ISVs, such as Adobe, CA, Taleo and Xactly and enterprises such as General Mills and Thermo Fisher. OPTiMO Cloud manages complex managed hosting environments that support millions of end-users and billions of transactions per day.

EXTENDING OUR BEST PRACTICES TO THE CLOUD

OPTiMO Cloud Managed Services for the Cloud are an extension of our best practices and expertise developed to support our dedicated Managed Hosting customers.

- OPTiMO Cloud DR: cloud-based DR solution with a 4-hour Restore Time Objective (RTO)
- OPTiMO Cloud Tech Ops™: system monitoring, Cloud Server administration and management
- OPTiMO Cloud App Ops™: application deployment, change management, data management, performance management, optimization management and compliance

OPTiMO CLOUD DR CAPABILITIES

OPTiMO Cloud's DR solution includes the following:

ENTERPRISE-CLASS PUBLIC CLOUD

OPTiMO Cloud's managed services offering enables public Cloud customers to benefit from the economics of Infrastructure-as-a-Service and Cloud computing while mitigating the operational, security and control risks of Cloud computing.

OPTiMO Cloud Hosting is a truly enterprise-class public Cloud offering:

- Hourly pricing and on-demand virtual machine provisioning
- Flexibility to increase or decrease CPU, RAM and Storage on each Cloud Server on the fly
- 100% availability guarantee
- VLAN segmentation for increased security
- Customizable Cisco-based firewall, load-balancing and multicast, included with the service
- Full suite of Managed Services for the Cloud

CLLOUD DISASTER RECOVERY	SERVICE DESCRIPTION
Planning and Setup	<ul style="list-style-type: none"> • Assistance with initial setup of Cloud Servers and Cloud Networks • Assistance with database servers in OPTiMO Cloud to ensure database replication
Documentation	<ul style="list-style-type: none"> • Documentation of all steps involved the OPTiMO Cloud DR Plan with scripted steps to be executed in the event of a disaster
DB Replication Monitoring	<ul style="list-style-type: none"> • Replication monitoring and alert of transaction log shipping for database server regular testing of the DR environment
Site-to-Site VPN	<ul style="list-style-type: none"> • One site-to-site VPN connection from OPTiMO Cloud to Customer location
Operating System Patching	<ul style="list-style-type: none"> • Monthly OS patch deployment and management
Restore Time Objective	<ul style="list-style-type: none"> • 4-hour RTO with approved configurations

CONTACT US TODAY

Discover the benefits of the Cloud. Contact our experts at contactus@OPTiMO-IT.com or call **877-564-8552** today!

Visit OPTiMO-CLOUD.COM for more information.