

Geminare Cloud Recovery

A cloud-based server replication solution that addresses your business continuity and disaster recovery requirements, with no capital investment required. Cloud Recovery can be deployed in hours, and provides near instantaneous Failover and Failback capability for your production servers.

Remember When Companies Had Downtime...

**With Cloud Recovery,
downtime is a thing
of the past.**

Overview

Geminare's **Cloud Recovery**, part of the **Recovery as a Service (RaaS)** portfolio, allows your organization to conduct business as usual during unexpected server failures or planned downtime through auto-failover and redirection of your users to a real-time, **Replica Server** in a secure cloud of your choice.

Failover is rapid and seamless, with users and applications up and running in minutes, ensuring continued service for your company and uninterrupted access for your customers.

Business Challenge

Small to Medium Enterprises (SMEs) have the same, if not greater exposure to risks from unplanned outages than their larger competitors, but tend not to have the budget or resources to manage their IT business continuity and disaster recovery infrastructure in the same way.

SMEs, however, must operate "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, outside threats or disasters will affect sales, service and productivity, and may threaten a company's very survival.

What SMEs need is an affordable and manageable way to ensure non-stop business operations and total data protection—a turn-key business continuity service that leverages the capability and capacity of the 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 and without adding or training internal IT staff.

Solution

Geminare's **Cloud Recovery** offering is sold as a managed, cloud-hosted service that provides secure, real-time server replication with automatic failover and failback, ensuring data protection and high availability from a secure cloud-hosted platform.

FEATURES

- A comprehensive, managed solution
- Failover and Failback in minutes
- Flexible scheduling for maintenance windows
- Scales with your organization and on your timeline
- Secure online Portal for easy up-to-the-minute management
- Real-time activity reporting and system health check reporting

BENEFITS

- Immediate protection
- Virtually no end-user downtime or data loss
- Access to applications & data anywhere, anytime
- No appliance or staffing resource burden

Managed Cloud Services

This service is a comprehensive, turn-key Business Continuity and Disaster Recovery (BC/DR) solution tailored to the SME market, especially those that have limited or strained IT resources and budgets. Geminare Cloud Recovery is a subscription-based, managed service that eliminates the need to purchase, install, oversee and support hardware, operating systems, application software, BC/DR software and DR data center facilities—helping you eliminate up front capital expenses, excessive deployment time and demands on IT resources.

The solution provides automated 24x7 BC/DR server protection, can be installed without any disruption to your operations in typically less than 24 hours and is integrated with top-tier public and private cloud providers. Cloud Recovery helps SMEs meet their continuous availability needs easily within the limits of their staff and budget, allowing IT to meet business and compliance accountability in a challenging economic environment.

You're Protected Within Hours

Geminare's Cloud Recovery starts with an online Readiness Assessment (RA) process to identify your mission-critical servers and applications that require continuous availability. Once the RA has been completed, a secure, enterprise-grade VPN connection is established allowing your essential applications and servers to be replicated to the cloud and fully protecting your business from unplanned server outages and negative economic impact.

You Assume Complete Control

Geminare's Cloud Recovery service provides you with auto-failover capabilities and easy and secure access to our online Control Panel, a patented web-based interface that provides real-time visibility to your servers and network through our Virtual Network Operating Center (NOC)—an automated engine that watches over your network 24/7. The virtual NOC allows you to monitor the status of your environment in real time, and in the event of a production server interruption, allows you to instantly failover to your replica environment in the cloud.

In addition to ensuring business as usual during server downtime, Cloud Recovery affords you the opportunity to manage your resources more effectively by scheduling system changes and updates on your timetable—even during normal business hours—with the guarantee of continuous application availability.

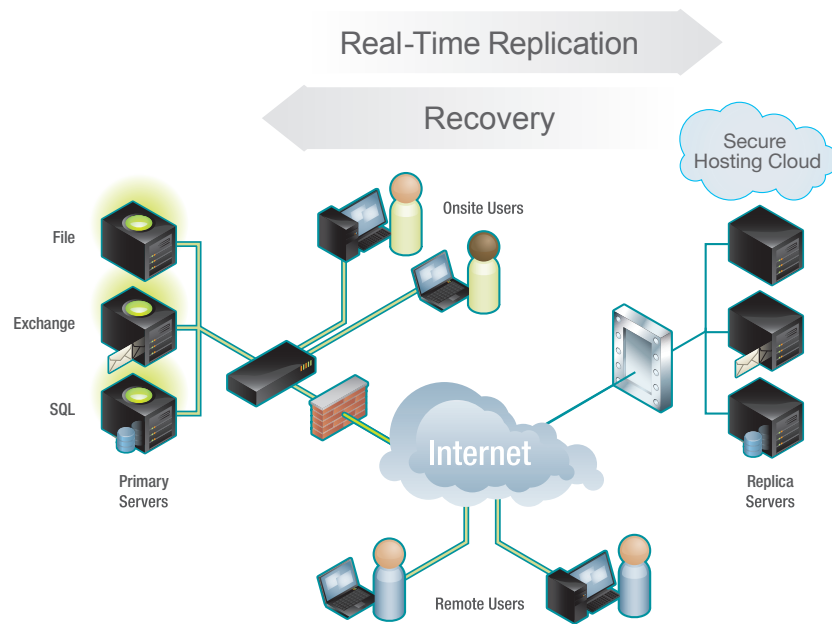
No Capital Investment Required

Geminare's Cloud Recovery requires no capital investment. Customers are billed on a monthly basis for each replicated server at prices far more economical than a traditional build-it-yourself solution.

How It Works

Ongoing Protection

Geminare's Cloud Recovery protects your business by replicating your critical servers, operating systems, supported applications and end-user data to a 24/7 accessible secure cloud-hosted environment. Your servers and data are kept current through real-time bandwidth-efficient continuous replication that takes place over an encrypted VPN tunnel.



The Cloud Recovery service protects your operations by replicating all operating systems, applications and data in real-time to a secure cloud-hosted environment.

In the event of a complete production site loss, your employees can continue to access their applications securely through the Internet from any remote location.

Failover

In the case of a server failure, scheduled downtime or a complete site loss, the Cloud Recovery service automatically redirects data and users to the cloud-hosted Replica Servers. Customers can securely access the replica environment from any remote location via the Internet, or continue to access it locally should their site remain available.

Failback

After running from the Replica Server for any period of time, failing a server back from the Cloud Recovery environment to your restored production server—a process called Failback—is fast and transparent to your end users, who continue working without any interruption regardless of whether they are onsite or remote. The Failback process synchronizes the changed data, while users continue to access their applications and data files, and then seamlessly redirects users to the production environment.

Specifications

Cloud Recovery Includes

- Cloud-side Operating System, Supported Applications and Replication
- Cloud Compute and Storage assigned per protected system
- Asynchronous block-level replication of your protected servers to a secure cloud
- The ability to run your protected applications from the data center while in Failover mode
- Remote Access into the secure cloud for your users when the primary environment is offline
- Real-time audit and reporting statistics on data transfer and Failover status
- Hybrid hosting allows the utilization of internal private clouds in addition to public clouds
- Up to 250 servers protected per initial setup
- Capability to add further servers, virtually eliminating the restriction on the number of protected servers within a single

Supported Applications

- Microsoft File Services 2003, 2008
- Microsoft Exchange 2003, 2007, 2010
- Microsoft SQL Server® 2005, 2008
- Microsoft IIS v6, v7, v7.5
- Microsoft SharePoint 2007 SP2
- MS Dynamics CRM 4.0
- Blackberry Enterprise Servers (BES) 4.1.1- 4.1.6, 5.0.0
- Oracle 10.x, 11.x, 11g R2

Platforms Supported

- Microsoft Windows Server 2003/2008 (R1 and R2) Standard, Enterprise Edition, Web, DataCenter Editions, MSCS Cluster (32-Bit or 64-Bit)
- Red Hat Enterprise Linux Server (RHEL)
 - 4.8 (support lower versions like 4.7, etc) (x86, x86_64)
 - 5.5 (support lower versions like 5.4, 5.3 etc) (x86, x86_64)
- SUSE Linux Enterprise Server
 - 9 (SP1, SP2, SP3, SP4) (x86, x86_64)
 - 10 (SP1, SP2, SP3) (x86, x86_64)
 - 11 (x86, x86_64)

All Cloud Recovery Installations Require the Following

- Minimum of a DSL, Cable or greater high speed internet connection (Recommended high speed connection is T1 and greater depending on amount of data)
- Network running Microsoft Active Directory 2003, 2008 (for Windows environments)
- Internet router capable of supporting a VPN IPSEC Tunnel
- Mail server redirection requires access to DNS MX records
- Administrator access on servers to be replicated
- Minimum of 5GB of free disk space on each server being replicated



About Geminare

Geminare is a market leader in delivering Recovery as a Service solutions to the Cloud computing market. Dedicated to building game-changing cloud technologies, including Cloud Recovery, Archiving and Storage solutions, Geminare delivers its products through a network of channel partners worldwide.