

# 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.

## 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

## 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.

## 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.

### 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.

## Getting Started

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.

An affordable and manageable way to ensure non-stop business operations and total data protection.

## 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.