

# Battling IT Cost and Complexity in Business Continuity?

## SQL Server High- Availability with CloudBasic Geo-Replicate

### UNDER THE HOOD

**CloudBasic Geo-Replicate** boasts a SQL Server Enterprise (High-Availability) AlwaysOn / Mirroring compatible replication engine, which combines the speed and availability of the high-end SQL server high-availability commercial replication capabilities with the simplicity and cost effectiveness of a new generation “virtually no administration required” tools.

It handles even the most complex replication scenarios, configurable in minutes using a simple web based interface.

Reduce database licensing fees, initial setup, and ongoing IT support expenses with **CloudBasic Geo-Replicate**, a new generation MS SQL Server replication tool, allowing DR replication scenarios to be setup in minutes, with virtually no administration required.

Run mission critical workloads with High-Availability and near Automated Failover from your primary DBs to asynchronously replicated secondary DBs.

Private (On-Premise), hybrid, & public cloud environments are supported

### Sounds familiar?

The current enterprise IT architecture has staggering complexity. Most processes and functions in business operations involve costly commercial databases, like MSSQL and Oracle. The constant demand for technology support at every level continuously pushes the limits of what is technologically possible with the finite IT budgets. The multitude of security compliance standards and requirements does not make the situation any easier. **Hence the bulging cost.**

### Solutions, solutions...

In recent years organizations have tried many initiatives to consolidate and rationalize the proliferation of disparate IT systems. CIOs have resorted to all kinds of solutions, from hardware virtualization and postponed upgrades, to complete system overhauls, and even partial outsourcing to offshore providers. Patchwork solutions in the end use up more time and money for development, support, and maintenance, and **restrain business innovation.**

There will always be some inefficiency at companies in every industry. This is just the nature of the IT infrastructure operations. However, recently developed tools have been proven as a stabilizing agent, bringing a breath of fresh air in Enterprise IT.

**CloudBasic Geo-Replicate** has been tested and trusted by some of the largest corporations in America. It automates the complex and time consuming administrative tasks related to maintaining high-availability, freeing you up to focus on your core business.

## CloudBasic Geo-Replicate is a **simple and powerful** SQL Server replication tool.

- Run mission critical workloads with High-Availability and near Automated Failover from your primary DBs to asynchronously replicated cross-region secondary DBs;
- Create cross-region Read Replicas for enhanced data locality and disaster recovery purposes;
- Reduce load on source DB by routing read queries from your applications to the Read Replicas.
- Reduce administrative interface complexity down to a web browser view;
- Rationalize MS database licenses;
- Setup complex replication scenarios in minutes;
- Virtually no ongoing administration is required;
- Retail full control of your database architecture;

With CloudBasic Geo-Replicate you are able to replicate Standard and Web editions of MS SQL Server databases, for which licenses are substantially less expressive than the Enterprise version.

If you already run the high-end Enterprise edition and you do not operate a DR site yet, with CloudBasic you avoid the need to purchase SQL Server Enterprise licenses for the prospective Disaster Recovery sites. Using CloudBasic Geo-Replicate you can mirror your SQL Server Enterprise database to SQL Server Standard and even Web edition servers, seamlessly creating Read-Replicas. This results in immediate and substantial cost savings. At SQL Server incremental release upgrade time you can even consider downgrading from Enterprise to Standard or Web Edition without compromising your database replication capabilities.

Server license fees aside, with CloudBasic Geo-Replicate enterprises avoid the most excruciating cost in high-end database server replication – the involvement of senior level software engineers to architect the complex system and the mandatory ongoing long-term support.

**Try it RISK-FREE.**

Visit [www.cloudbasic.net/rds/high-availability](http://www.cloudbasic.net/rds/high-availability)

### WHY REPLICATE ?

DB replication adds critical capabilities and stability to the core applications in the enterprise IT infrastructure.

The use cases are simply too many to list – Disaster Recovery, Data Locality, Data Aggregation, BI, and more. Read-Replicas enable you to elastically scale out beyond the capacity constraints of a single DB instance for mission critical read workloads.

The implementation of such replication scenarios with MS SQL server, however, is quite complex, requiring experienced database administrators, both for the initial setup and on an ongoing basis for support.

What's more, only the most expensive Enterprise version of MS SQL Server allows replication scenarios, and you would need a second license for the replica databases.

CloudBasic Geo-Replicate is a simple and powerful tool, which allows DB replications to be setup in minutes, with no ongoing support headaches.

It is based on a highly scalable architecture, with support of geo-clustering, designed for minimal impact on source systems, while delivering enterprise-class SQL Server High-Availability (HA) benefits.