SERVER REPLICATION
CONTINUOUS AVAILABILITY OF MISSION-CRITICAL APPLICATIONS AND DATA

HURRICANES. POWER OUTAGES. HACKER ATTACKS.
These are just a few of the many threats to an IT environment. Housed within that IT environment are mission-critical applications and data that must be available at all times to maintain an organization’s revenue, customer satisfaction, and reputation. Without a plan to protect the availability of the IT infrastructure, the future of an organization is at risk. Combining real-time replication and automated failover, HOSTING’s Server Replication service protects organizations from the damaging aftermath of external threats or unplanned outages.

Server Replication provides real-time replication of an organization’s IT environment to one of our six geographically dispersed data centers. This provides continuous protection between on-premises environments and an identical environment at a HOSTING recovery site, or between a HOSTING data center and HOSTING recovery site. All critical events are monitored, including global server and database services, and in the event of a system interruption or failure the replicated server is engaged and users are instantly redirected to a mirror version of the applications on a server at the secondary data center. Business can continue as usual.

ADVANTAGES
- Minimal downtime during failover
- Cost is approximately 1/5th of in-house
- Support physical and virtual servers
- Satisfies regulatory requirements
- Automated failover
- Delta-based server replication reduces bandwidth needs and traffic load
**FLEXIBLE**

**Replication**—Data replication between the master and replication server can occur in real-time as changes occur or during a scheduled user-defined time frame.

**Failover**—Failover is either automatic or user-initiated with the push of a button.

**Testing**—Organizations can schedule system changes, updates, and tests without interrupting application availability.

**Storage**—Server Replication supports both file and block level synchronization for flexible and cost-effective storage.

**AVAILABILITY & DATA PROTECTION**

With a Recovery Time Objective (RTO) of five minutes or less, Server Replication helps organizations avoid downtime and the associated revenue loss. Additionally, a Recovery Point Objective (RPO) of less than 15 minutes ensures frequent backups are performed to minimize the impact to data in the event of a disaster.

**COAST-TO-COAST**

With data centers in Dallas, Denver, Irvine, Louisville, Newark, and San Francisco, HOSTING delivers geographically diverse solutions with unmatched support.

**THE HOSTING DIFFERENCE**

HOSTING builds and operates high-performance Clouds for business-critical applications. With a unique lifecycle approach and the industry’s best team, HOSTING helps organizations design, build, migrate, manage, and protect their Cloud-based environments.