

VMware Continuent

Database Replication and Clustering

AT A GLANCE

VMware Continuent® provides enterprise-class high availability, globally redundant disaster recovery, performance scaling and real-time heterogeneous data integration in VMware vCloud® Air™ and on-premises environments.

KEY BENEFITS

- Continuous data availability for RDBMS within and across regions (HA/DR).
- Operation in any environment: bare metal, VMware vSphere®, cloud (including vCloud Air).
- Real-time integration between RDBMS and analytics.

How is VMware Continuent Used in the Enterprise?

VMware Continuent allows enterprises running business-critical database applications to affordably achieve commercial-grade high availability (HA), globally redundant disaster recovery (DR), and performance scaling. VMware Continuent makes it simple to create database clusters in the cloud or in your private data center, to keep the data available even when systems fail.

In addition, VMware Continuent provides data replication from relational databases to high-performance NoSQL and data analytics engines to derive insight from big data for better business decisions.

Key Benefits

Deployment Flexibility

Build database clusters in any bare-metal, private cloud (VMware, Open Stack) and public cloud (vCloud Air, Amazon AWS, Red Hat OpenShift) environments.

Zero-Downtime Maintenance

Perform database maintenance, such as schema changes, upgrades to a new version of MySQL or adding new hardware, without application or service interruptions.

High Availability

Replace a failed master DBMS server within seconds while maintaining continuous availability and without losing any transactions.

Improved Performance

Increase replication performance five times over native MySQL and increase transaction volumes using intelligent parallel methods.¹

Geo-Clustering

Implement multi-master, cross-site database clusters that span sites and are ready for immediate failover.

Disaster Recovery

Switch to a hot-standby disaster recovery site running a VMware Continuent cluster with a single command without losing application connectivity.

1. VMware internal testing using 130GB/30 database sysbench test, April 2013

“By leveraging the VMware Continuent platform, we have increased our ability to provide higher levels of availability and uptime, including complex database upgrades and operations in production. VMware Continuent can help us at least in two ways to lower OpEx: enables more customers on each pod (database cluster) and allows us to use replication between our current hosting provider and another, more cost-effective hosting provider to augment pods or completely switch over to save significant money. These two combined will easily save us multiple times the investment we are making in VMware Continuent software.”

– Nick Bonfiglio,
VP Operations,
Marketo

“VMware Continuent is in use for over 40-50 systems and has allowed us to quickly switch from master to slave in several situations with no service interruption.”

– Heidi E. Schmidt,
Sr. Database Administrator,
Constant Contact

“With VMware Continuent, we can quickly and flexibly move data out of operational databases into Hadoop where we run analytics that answer important business questions on timelines matching the needs of our users.”

– Chris Schneider,
Database Architect,
Groupon

Affordable Oracle Replication

Replicate data from Oracle to MySQL, from MySQL to Oracle, and from Oracle to Oracle. Think “Oracle GoldenGate without the price tag!”

Real-Time Integration Between RDBMS and Analytics

Replicate quickly and efficiently to high-performance NoSQL and data analytics engines to derive insight from big data for better business decisions.

Supports off-the-shelf MySQL, MariaDB and Percona Server

No software upgrade, data migration, application or DDL changes are required.

Find Out More

How Can I Purchase VMware Continuent?

For more information on how to purchase, visit the VMware vCloud Air Web page at: <http://vcloud.vmware.com>.

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit <http://www.vmware.com/products> or search online for an authorized reseller.

