

XTIVIA KNOWS MySQL® DATABASE REPLICATION



WHAT WE PROVIDE

XTIVIA's Engineers will provide recommendations and strategies to set up replication environments to meet your organizational objectives. XTIVIA also provides Virtual-DBA services that can monitor your replication server activities.

We deliver:

- Initial assessment and review requirements
- Design replication system to fit your needs
- Define the approach & plan following best practices
- Estimate schedule
- Perform installation
- Test and validate
- Monitor replication server using Virtual-DBA services when requested

Replication is the copying of data from one place to another. MySQL replication can be used to replicate production databases to a secondary database. Data can be shared and replicated between databases, allowing system designers to put the data where it is needed. The replication server can maintain a near real-time secondary database to which applications can switch with minimal downtime if the primary site fails. The secondary may be used for production read-only queries and may be used as the source for taking backups.

MySQL replication delivers:

- Reliability –data protection and availability. The primary role can rapidly be switched to the standby.
- Simplicity – is straightforward to implement and manage.
- Cost effectiveness - can be configured for near real-time consistency between the production database and one to many standby databases or, delayed by a set time to allow the standby to become a snapshot standby.

WHO USES MySQL REPLICATION AND WHY?

A BUSINESS ORGANIZATION THAT WANTS TO BUILD A DISTRIBUTED SYSTEM

Data distribution is a tool that helps companies put necessary data in the hands of local decision-makers yet maintain firm central control over the data. With MySQL replication, data can be shared and replicated between databases, allowing system designers to put the data where it is needed.

A BUSINESS ORGANIZATION THAT WANTS TO HAVE ADDITIONAL BACKUP STRATEGY

In conjunction with backup, MySQL replication strategies seek to complement traditional approaches by providing alternative levels of data protection and integrity, while minimizing user disruptions. Replication creates a point-in-time copy of the data to be used as the backup source.

A BUSINESS ORGANIZATION WHO WANTS TO SET UP A HIGH AVAILABILITY FAILOVER SYSTEM

A MySQL replication server can maintain a near real-time secondary database to which applications can switch with minimal downtime if the primary site fails. MySQL replication protects against data loss by replicating data changes from a source database, called the primary, to a target database, called the standby. In case of a failure the takeover by the standby database can be carried out quickly since the standby database server is already up and running.

WHAT WE PROVIDE

XTIVIA's MySQL team will provide recommendations on MySQL replication methods and implementation strategies to set up a database replication configuration of your choice to that will meet your organizational objectives. XTIVIA engineers will install, configure, and document a MySQL replication system. XTIVIA also provides Virtual-DBA services to monitor your MySQL replication server activities and status.

XTIVIA OVERVIEW

Since 1992, XTIVIA has established a proven, global reputation as a company delivering cutting-edge professional solutions to our clients' specific requirements, regardless of the complexity of the projects. XTIVIA's success has stemmed from a proven ability to deliver quality professional services, allowing the client to leverage technology successfully, competitively, and profitably. XTIVIA has received additional awards this year from Liferay, CIO Review and Inc. 5000. XTIVIA has offices in Colorado, New York, New Jersey, Missouri and Texas.

DATABASE OVERVIEW

XTIVIA is at the forefront of a new generation of information technology services companies focused on value, speed of delivery and high-performance technology solutions. We combine people, business process and advanced technology in a comprehensive set of IT services. Our database management team is comprised of seasoned professionals who possess the business background, project management experience and technology expertise to deliver business-critical technology solutions. These solutions include a variety of platforms, devices and networks, including integration with legacy systems, development of business applications and web-based functionality. XTIVIA's database services can be customized to meet the unique needs of your business. Our knowledgeable staff of database experts is available for long-term or short-term assignments to meet your database needs.