

EMC DB2/UDB Database Accelerator

Accelerate DB2/UDB implementations, increase productivity via automated replication



The EMC® DB2/UDB Database Accelerator Solution combines storage design/layout and automated replication to accelerate deployment of an optimized DB2/UDB database on EMC networked storage.

Business Challenges

To maximize the return on their DB2/UDB investments, database users face a series of common infrastructure-related challenges. They want to:

- Accelerate new database implementations or migrations and lower their risk.
- Optimize the underlying storage infrastructure to support availability, scalability, performance, and other SLAs.
- Streamline database cloning to support business requirements without impacting the production environment. These requirements can include support for reporting, test and development, and QA environments.
- Reduce downtime for backup, recovery, and upgrades.

Meeting these challenges requires an optimized infrastructure and automated replication capabilities like those provided by EMC's DB2/UDB Database Accelerator Solution.

Solution Description

The EMC DB2/UDB Database Accelerator Solution combines EMC's best-practice services and methodologies, with EMC's industry-leading SAN storage platforms—Symmetrix® and CLARiiON®—and automated replication technology from EMC's Replication Manager family of software. The solution provides optimized database layout to improve productivity and increase ROI in DB2/UDB environments.

The EMC DB2/UDB Database Accelerator Solution consists of three phases:

Assessment and Planning

During this initial phase, EMC works with you to review your current storage and database environment, collaborating with you to define backup and SLA requirements and recommend the optimal architecture for performance, scalability, and availability.

Database Layout and Automated Replication Recommendations

In the second phase, EMC develops recommendations for optimal deployment of DB2/UDB on EMC networked storage infrastructure. To increase database ROI and productivity, EMC also makes recommendations for automated replication capabilities to support test/development, reporting, and backup requirements with no impact to your production environment.

Implementation, Joint Testing, and Validation

During the final phase, EMC works with your IT staff to implement, test, and validate the DB2/UDB Database Accelerator Solution, ensuring that all agreed-upon objectives are met. Finally, EMC provides suitable training to prepare your IT staff to work with your infrastructure in production.

Solution Value

The EMC DB2/UDB Accelerator Solution provides best-practice alternatives for database storage layout and replication to maximize the value you achieve from your company's DB2/UDB environment. The solution eliminates many of the business challenges companies face when deploying and operating database and networked storage environments.

This EMC solution provides a cost-effective, best-of-breed joint database and storage infrastructure that:

- Incorporates best practices for optimizing database productivity and lowering risk, allowing your IT staff to focus on business process improvements.
- Provides an optimized database and storage infrastructure that supports agreed-upon SLAs; and addresses availability, scalability, and performance business challenges.
- Enables and streamlines an automated replication capability that does not impact the production environment to make reporting, testing, and other environment refreshes more efficient.
- Improves ROI and lowers costs by reducing implementation complexity, manual error, and system downtime.

Getting Started

To learn more about implementing EMC's DB2/UDB Database Accelerator Solution for your existing or future DB2/UDB environment, contact your local EMC account representative.



EMC Corporation
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America 1-866-464-7381

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