



Db2 z/OS Legacy Migrations

Legacy migration refers to converting existing data to a new database or converting an existing application to a new language. When we convert from a legacy data store or other Database Management System (DBMS) to Db2 z/OS, there are some specific considerations. We must handle Db2 z/OS differently if we want superior performance and availability. There are creative solutions to consider and common mistakes to avoid.

Challenges Addressed:

- The need to move to a more modern datastore (Db2 z/OS) from legacy data stores (IDMS, IMS, VSAM, etc.)
- Lack of documentation for legacy data and applications
- Lack of current data model and data definitions

Approach:

- Review existing legacy data store and the primary application
- Review any available documentation and available personnel with legacy knowledge
- Understand new requirements of the data store (Db2) and the application
- Develop a new logical data model followed by a physical Db2 model
- Develop a mapping of legacy to proposed Db2 data stored
- Develop a POC (Proof of Concept) and test/execution plan

Deliverables:

- New logical/physical model and entity mapping
- Recommendations for
 - Db2 z/OS database design and implementation
 - New/changed application/SQL changes
- Test plan and test system design
- Implementation plan and schedule