



IBM SYSTEMS MAKEOVER ANALYSIS FOR ORACLE ENVIRONMENTS

CHALLENGE

Customers face challenges when they choose to migrate Oracle databases, or any of the suite of Oracle business applications, to IBM Power, Modular, or Mainframe platforms.

Customers seldom undertake migration projects on their own so they want to know who can provide expertise, help mitigate risk, and help make the migration a success.

Oracle is often the mission-critical application upon which customers rely around the clock to power their business. How do you find a window to migrate this crucial element of the business?

Oracle migrations can give customers the opportunity to:

- Perform upgrades and introduce new technology,
- Design architecture to help enable growth and operational efficiency,
- Enable tested backup and restore solutions, which can drive higher availability and disaster recovery,
- Automate testing procedures which may be manual today,
- Reorganize database(s), which can reduce space fragmentation and improve performance and data availability, and
- Improve end-user experience such as faster response times and reduced batch runtimes.

PLANNING FOR SUCCESS

IBM knows that one migration design does not fit all, especially with the ever-growing set of Oracle business applications, like E-Business Suite, PeopleSoft and Siebel. That's why every migration involves a unique mix of skills from IBM, Oracle and customer subject matter experts.

Some considerations in Oracle migrations include:

- Which application and version?
- What source and target operating system platform?

- How large is the database (how much data) to be migrated?
- How long is the migration window?
- How much acceptance testing is needed and how long will it take?
- What effort, time and experienced resources is required?
- How to best move from source to target while gaining all the benefits.
- Associated applications/packages.
- Your downtime restrictions and user requirements.
- Available servers and storage during a conversion for temporary storage and testing.
- Storage management software.
- Network characteristics.
- Your policies.

KEY BENEFITS

- Oracle database and business applications, including E-Business Suite and PeopleSoft, can be migrated from nearly any platform (Sun Solaris, Linux®, Windows®, x86, HP-UX, PA-RISC, Itanium and Alpha Tru64).
- Any size database and outage window can be migrated using the appropriate combination of database tools and migration methodologies.
- Improved end-user experience through performance validation and optimization.
- The ability to jump-start migration projects can provide rapid return on investment by utilizing new servers.
- Professional and efficient planning and implementation is performed by experienced personnel.
- Database migration can be combined with complementary Migration Factory services for end-to-end application migration and server consolidation.

METHODOLOGY

IBM provides a proven process and methodology to help organizations like yours address these issues.

The process begins with an IBM Systems Makeover Analysis for Oracle Environments. This assessment captures the dynamics of your Oracle environment, based on the answers you provide, and provides a report outlining the migration transformation effort required to achieve a future desired state.

Next is the IBM Insight for Oracle® Database V2.0 tool. This automated assessment collects performance data about your production Oracle 10G or higher environment then provides detailed database usage information critical to understanding how your environment is utilized. The resulting report contains information, statistics, charts, and tables detailing:

- System-wide information.
- Active application server instances.
- Each application server and database host.

The final step is IBM's Systems Consolidation Evaluation Tool, which provides a comprehensive analysis of your current hardware infrastructure, then proposes a high-level future IBM environment with total cost of ownership and return on investment with supporting business value reports.

This provides you with a comprehensive view of your Oracle environment to help guide your future state decision-making so you know where you are going, how to get there, how long it will take and what the potential consolidation savings will be. Act now and get started with the IBM Oracle Makeover Analysis.

CONTACT IBM

- move2ibm@us.ibm.com
- IBM Sales Team or Business partner



NEED HELP MIGRATING TO IBM?

THE IBM MIGRATION FACTORY HELPS ANSWER KEY QUESTIONS

- “Can it be done?”
- “How is it done?”
- “What will it cost?”
- “How long will it take?”
- “What are the risks?”

WHAT DOES THE MIGRATION FACTORY OFFER?

We’ve been doing one thing for 20 years — migration. The Migration Factory uses proven methodologies that are designed to be cost-effective and help mitigate risk.

Capabilities include:

- Accurate sizing and costing of a migration
- The expertise necessary to help control the risk associated with application migration
- Cost-effective application migration
- Migrations for custom-coded applications as well as select packaged applications and databases
- System and application upgrades to newer platforms
- Significant knowledge, expertise and experience in moving applications and associated databases from Solaris, HP-UX, Tru64 UNIX® and Linux® to IBM platforms
- Application-centric server consolidation

HOW DO YOU GET STARTED?

Contact the Migration Factory

- 1-866-MIGR8TE (toll-free in the US)
- migr8te@us.ibm.com
- IBM Sales Team or Business Partner

HOW WILL MIGRATION HELP YOUR BUSINESS?

Leverage more powerful and supported technology

Current platform may have limited or discontinued vendor support.

Retain investment

You’ve invested a great deal of time and resources in existing applications.

Reduce cost of ownership

There are potential cost savings from replacing hardware, consolidating servers and using available skilled resources.

Access to larger pool of skilled technical resources

The available pool of resources declines over time for older technologies.

CORE CAPABILITIES

UNIX

- IBM AIX
- x86 Linux®, Linux on Power and Linux on z
- Sun Solaris
- HP HP-UX
- HP Tru64 UNIX
- DG DG-UX
- Sequent® DYNIX/ptx®
- SGI IRIX
- SCO
- NCR
- AT&T

Package applications

- SAP
- PeopleSoft
- Oracle E-Business Suite

Database migration

- DB2
- Informix®
- Oracle
- Sybase
- SQL Server

Other

- OS/390®, MVS and z/OS mainframe
- Microsoft® Windows®
- Unisys
- Tandem
- HP3000 MPE
- OpenVMS



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