

# ORACLE DATABASE MIGRATION SERVICES FOR LINUX

## CHALLENGE

Users face a number of challenges when they seek to migrate standalone Oracle databases (or those used by a packaged application such as Oracle E-Business Suite, SAP or PeopleSoft) from non-IBM Microsoft® Windows® and UNIX® to Linux®. The difficulty is that “traditional” methods to migrate data do not work in the time users have available.

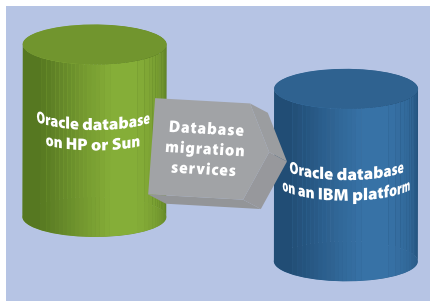
The speed at which data can be accessed and the rate at which it grows are key factors in today’s world. If either is limited, business growth can be severely impacted.

Database migrations can give you the opportunity to:

- Maximize the value of Oracle software licenses by using dedicated database servers,
- Attain more processing power at a reduced cost.
- Leverage new database features like grid support, column level security or ultra large database support, and
- Save by consolidating existing servers and replacing them with fewer, more powerful ones.

## SOLUTION

The IBM Migration Factory has developed a suite of comprehensive services for Oracle users that addresses the fundamental issues associated with reliably migrating databases to Linux with limited or no downtime. The option to simultaneously upgrade from one version of Oracle to another, or convert to DB2®, is also available.



These services leverage years of experience in planning and performing Oracle database migration.

## PLANNING FOR SUCCESS

Every Oracle database migration is unique. It is imperative to gather the detailed information required to effectively size and plan a successful migration. This is greatly assisted by tools used to interrogate your databases to extract the necessary information in an automated way, which saves time and helps maintain consistent and accurate data.

Some considerations in Oracle migrations include:

- Oracle versions: like-to-like migration or potential upgrades
- Quantity and size of databases
- Associated applications or packages
- Your downtime restrictions and user requirements
- Available servers and storage during a conversion for temporary storage and testing
- Use of storage management software
- Network characteristics
- Your policies

## KEY BENEFITS

- Help reduce disruption with proven services for businesses with nominal downtime.
- Robust methodologies help reduce risk and help maintain data integrity.
- Faster migration than traditional Oracle export/import methods will lessen the need for customer tool evaluation, training and increased license costs.
- 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.

## HOW DOES IT WORK?

- Review your current database environment in a planning session with our migration team.
- We tell you how long it will take and how much it would cost.
- You contract with IBM for agreed services.
- We perform automated data collection to establish the metrics for the databases to be migrated.
- We work with you to establish testing requirements and a cutover strategy.
- We prepare a detailed project plan.
- We manage and perform the migration of the required databases according to the plan to help ensure that risk, schedule and cost are correctly managed.
- We confirm that the migrated databases meet your testing requirements.
- We support you during cutover into production.
- We provide basic skills transfer for an established number of your personnel on the migration tasks performed during these services.

## Contact the Migration Factory

- 1-866-MIGR8TE (toll-free in the US)
- [migr8te@us.ibm.com](mailto:migr8te@us.ibm.com)



## 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 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
- Linux
- Sun Solaris
- HP HP-UX
- HP Tru64
- DG DG-UX
- Sequent® DYNIX/ptx®
- SGI IRIX
- SCO
- NCR
- AT&T
- 32-bit to 64-bit enhancement

#### Package applications

- SAP
- PeopleSoft
- Oracle E-Business Suite

#### Database migration

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

#### Other

- OS/390®
- Microsoft Windows, Windows NT® and Windows XP
- NUMA-Q®
- Unisys
- Tandem
- Stratus
- HP 3000
- OpenVMS



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Route 100  
Somers, NY 10589  
U.S.A

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