ORACLE
Advanced Customer Services

Oracle Transition Service for Oracle Database

A critical success factor in every platform modernization–be it on a journey to the cloud, or within the data center–is the transition of legacy hardware, databases, and applications. Oracle Advanced Customer Services can efficiently transition your Oracle products and packaged applications to the latest Oracle technology.

EFFICIENT TRANSITIONS OF ORACLE DATABASE

Oracle Advanced Customer Services can help you to take advantage of the value of modern Oracle server technology and cloud platforms with less risk and faster results.

With more than twenty years of transition experience, Oracle Advanced Customer Services has the skills, delivery tools, proven methodologies and practices to deliver successful transitions of Oracle products.

The Oracle Transition Service can reduce the risk of a transition. It allows you to use Oracle software more effectively and efficiently by providing:

- Transition of development, test, and production environments
- Experienced engineers to perform the transition
- Support and mentoring for a successful deployment
- Database optimizations such as compression and re-organization

Oracle Advanced Customer Services is with you every step of the way through all phases of your database transition from pretransition analysis, optimization, validation and transition testing, to cutover. The transition is coordinated and supervised by an Oracle Technical Account Manager from start to finish. Best of all, the transition can happen in a matter of days, not weeks, or even months that you may expect during a typical transition.

TRANSITION OF ORACLE DATABASE

SERVICE	DESCRIPTION
Service Scope	• Transition from Oracle Database 9i and 10g to 11g or 12c, and from 11g to 12c (multitenant container database CDB and pluggable database PDB) • Includes direct transition to PDB • Supports transition across platforms • Database re-organization and optimization such as compression • Parallelized transition (scaled based on hardware resources)

Key Features

- Pretransition analysis
- Transition planning, execution, and validation
- Unique tools and automation
- End-to-end project management and governance by an Oracle Technical Account Manager

Key Benefits

- Safe and efficient transition
- Risk mitigation
- Database optimizations

Recommended Services

- Oracle Transition Service
  - Oracle Servers and Storage
  - Packaged Applications
- Oracle Workload Planning and Design
- Oracle Advanced Support Knowledge Workshop
- Oracle Cloud Priority Support
- Oracle Data Transfer Service

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Key Benefits	• Transition of Oracle databases to on premises and to Oracle Cloud solutions • Optimal transition with as little downtime as possible • Simplified platform transition (any Operating System to Linux) • Simplified enablement of new features • Safe transition through resilience features and testing • Database optimizations

	SERVICE COMPONENTS
Pretransition Analysis	• Rapid analysis of source and destination databases • Identification and classification of all objects • Identification of installed options • Identification of complex objects, and of objects requiring special handling • Identification of areas where features can be exploited e.g. compression, partitioning • Identification of invalid objects
Transition Plan	• Creation of transition execution plan and tailored job scripts (object and data transfer) • Configurable object level transition options • Configurable transition approach by Advanced Support Engineers e.g. feature usage, parallelism, etc.
Transition Execution	• Database transitions to Oracle Cloud, Oracle Cloud at Customer, or private Cloud are performed offline and delivered remotely, utilizing the Advanced Customer Services transition tool • Database transition on premises to on premises can be performed locally, or in a combination of local and remote delivery • For on-premises transitions, multiple transition approaches can be leveraged to meet availability objectives e.g. Advanced Customer Services transition tool, Data Pump, online transition using GoldenGate, Create Table as Select, Import/Export (Oracle 9i/10g) and PL/SQL
Validation	• Validation of transitioned objects • Validation of data row counts • Report transition execution times
Unique Tools and Automation	• Process driven workflow • Rich reporting and logging throughout all phases of transition

TRANSITION TOOLS

The **Oracle Advanced Support Platform** (an on-premises software toolset) provides service automation and efficiencies for faster execution, tuning, and testing of the solution.

The interactive **Oracle Advanced Support Portal** keeps you updated on each step of your transition process. It enables transition control and shows the output of your test and production transition, including assessments, executions, and validations.

The **Oracle Advanced Customer Services transition tool** is the automation technology for the transition of Oracle databases. It performs the automated analysis of the source database, including identifying what areas require special attention, such as large tables or datatypes. It also identifies opportunities for optimization, such as compression.

The **transition scheduler** executes and logs the transition progress. The Oracle Advanced Customer Services Delivery Engineer can scale the level of parallelism up or down depending on the available resources.

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