Oracle Workload Migration: 2-week Assessment

Laying the groundwork

The 2-week assessment provides a comprehensive analysis and planning phase for organizations migrating Oracle databases and workloads to Microsoft Azure.

This phase establishes the foundation for successful migration by designing a tailored Azure architecture and delivering a clear, actionable migration roadmap.

Phases and Deliverables

Discovery and current state analysis

We analyze your existing Oracle environment, including database schemas, application dependencies, and ETL workflows.

Business and technical requirement alignment

We collaborate with your team to understand your business strategy, technical priorities, and goals for modernization.

Future state architecture design

We design a scalable and cost-efficient Azure architecture tailored to your business goals. For organizations looking to maintain their Oracle environments, we offer solutions like Oracle Database@Azure or Oracle Database Service for Azure. If modernization is the focus, we recommend Azure SQL Managed Instance or Azure Database for PostgreSQL. For scenarios requiring minimal changes, Azure Virtual Machines provide a lift-and-shift option. We also design hybrid solutions that combine multiple Azure services to deliver maximum flexibility and scalability. Every architecture scenario is customized to meet your unique business and technical requirements.

Feasibility analysis and migration strategy

We evaluate migration paths based on your current workloads — whether it's a one-time migration, modernization, or a hybrid approach — aligned with your business goals.

Scope

The assessment includes an in-depth evaluation of your current Oracle environment, definition of workloads, and analysis to create a future-ready Azure architecture.

The migration solution document

At the conclusion of the Solution Design phase, we deliver a comprehensive and carefully structured **Migration Solution Document.** This key deliverable consolidates all findings, strategies, and technical plans developed throughout the project, ensuring a clear and actionable roadmap for the implementation phase. The document includes:

- **Future state architecture** includes detailed diagrams and a high-level system design tailored to your migration goals

- **Migration strategy** outlines a step-by-step plan for transitioning databases, applications, and ETL workflows to Azure.

- **Effort and cost estimation** provides a transparent evaluation of project resources, timelines, and associated costs

- **Technical and administrative plans** define the tools, techniques, and governance frameworks necessary for a successful migration.

- **Risk mitigation** proactively addresses potential challenges and offers effective solutions to minimize risks.

- **Testing and validation roadmap** specifies detailed functional and performance testing plans to ensure a smooth migration

- **Post-migration support outline** provides guidelines for maintaining stability and ensuring optimal operation after the migration is complete.

This document serves as a strategic guide, aligning all stakeholders and providing clarity on every aspect of the migration process.

Connecting assessment, implementation, and support

The **Oracle Workload Migration: 2-week Assessment** and **4-week Implementation** are key stages in a comprehensive, full-cycle migration process that ensures your Oracle workloads are seamlessly transitioned to Azure.

Our proven methodology ensures each step aligns with your unique requirements and operational priorities.

The assessment establishes a detailed strategy and roadmap, while the implementation phase brings this strategy to life. For long-term operational management, consider our **Operational Data Management (ODM): 2-Day Assessment** and **12-Month Operation and Implementation** offerings to maintain and optimize your Azure environment post-migration.

Workload migration process overview

Assessment

Discovery, analysis, and future state design
Evaluate your Oracle environment, including schemas, dependencies, workflows, as well as gather business and technical requirements to design a future-ready Azure architecture that aligns with your business needs.

Workload definition, feasibility, and migration planning
Define workloads, assess migration paths, and deliver a clear and actionable Migration Solution Document.

Implementation

Schema conversion and data preparation
Convert schemas, prepare data, and adapt applications for the target environment.

Schema and data migration
Migrate schemas, data, and ETL processes with minimal disruption.

Application updates, testing, and data synchronization
Update applications, test system components, and synchronize data to ensure alignment.

Cutover and stabilization
Complete cutover, stabilize the system, ensure readiness for production.

Operational Data Management

Monitor and maintain your data environment
Ensure continuous monitoring and incident management to keep your database infrastructure secure and operational.

Optimize performance and reduce costs
Analyze and fine-tune workloads, queries, and configurations to enhance performance and minimize resource usage.

Implement proactive upgrades and enhancements
Apply system updates, integrate new features, and modernize infrastructure to align with evolving business needs.