datavail

Oracle Modernization to Azure PostgreSQL

Move Oracle to Azure Database for PostgreSQL. Reduce Licensing Costs. Simplify Operations.

Migrate eligible Oracle workloads to Azure Database for PostgreSQL and redirect what you spend on licenses and hardware into modernization, AI and growth.

Datavail helps organizations assess Oracle workloads, identify candidates for modernization, convert schemas and code, and execute a phased migration to Azure Database for PostgreSQL, reducing Oracle licensing dependency while moving to a fully managed Azure database platform.

The Cost of Standing Still

For many organizations, Oracle is now one of the largest and least flexible lines in the IT budget. Annual support is charged on top of the original license, audits create surprise exposure, and every hardware refresh locks in another multi-year commitment. Meanwhile, the same budget could be funding cloud, data and AI initiatives.

- **Licensing:** support fees recur every year whether or not workloads grow.
- **Infrastructure:** on-prem servers, storage and DR capacity sit largely idle.
- **Talent:** skilled DBAs spend their time patching and maintaining instead of improving systems.

Why Datavail

Deep database bench on both sides: Oracle and PostgreSQL expertise and specialized partner under one roof, so conversion decisions are made by people who know both engines.

Fixed-fee, scoped engagements: cost certainty that matches the business case you take to leadership.

Low-disruption delivery: proven automation, validation and parallel-run testing before every cutover.

Beyond go-live: optional managed services to keep PostgreSQL tuned, secure and cost-optimized.

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How We Deliver the Return

A structured, five-step approach that de-risks the move and starts returning savings before the program is complete.

01 ASSESS

Identify the Right Candidates

We analyze your Oracle databases and applications to determine:

- PostgreSQL compatibility
- Schema complexity
- PL/SQL dependencies
- Application dependencies
- Performance requirements
- Integration requirements
- Licensing and infrastructure economics

DELIVERABLE

Workload assessment + migration eligibility analysis

02 CONVERT

Transform the Database

We prepare the Oracle database for PostgreSQL by addressing:

- Schema conversion
- Data type conversion
- Tables and indexes
- Stored procedures and functions
- PL/SQL conversion
- Database objects
- Data migration requirements

DELIVERABLE

PostgreSQL-compatible database architecture

03 MODERNIZE

Remediate the Application

Database migration is more than moving data. Datavail evaluates and modernizes the application components that depend on Oracle, including:

- SQL queries
- Application code
- Database calls
- Drivers and connectivity
- Integrations
- Stored procedure dependencies

DELIVERABLE

Application and database compatibility for PostgreSQL

04 MIGRATE

Move in Phases. Minimize Disruption.

We execute a controlled migration using:

Pilot
↓
Validate
↓
Migrate
↓
Test
↓
Cutover
↓
Stabilize

Planning incorporates data validation, application testing, performance testing, rollback planning, and production cutover.

DELIVERABLE

Production PostgreSQL workload on Azure

05 OPTIMIZE

Operate on a Fully Managed Azure Platform

Once migrated, you take advantage of Azure Database for PostgreSQL capabilities while Datavail helps optimize:

- Performance
- Security
- Availability
- Cost
- Operations

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Ongoing optimization

Strong Candidates for Migration

- **Upcoming renewal or audit:** support contract or true-up in the next 6–18 months.
- **Hardware refresh due:** avoid reinvesting in on-prem infrastructure.
- **Enterprise Edition on modest workloads:** paying premium licenses for standard needs.
- **Custom or packaged apps you control:** where the database layer can change.
- **Azure-first strategy:** consolidating data onto one cloud platform.

Start With an Assessment

Get a savings business case for your Oracle estate in about four weeks, built on your actual licensing, infrastructure and workload data.

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