Oracle to Google Cloud Migration Assessment

Data Management - Enterprise Database Migration

Pythian can help you migrate from Oracle to the best Google Cloud technologies suited for your needs, including Google Cloud SQL and Alloy DB for PostgreSQL, Google Cloud Spanner, Google BigQuery, Google's Oracle Bare Metal Solution, or even the new solution offerings that Google and Oracle are partnering on. Migrating from Oracle to Google Cloud can provide many benefits—from lower costs to improved scalable performance, and the ability to integrate new technologies that drive automation and innovation.

A successful Oracle migration with no disruption requires an end-to- end approach, with a team of both Oracle and Google Cloud experts. Pythian's global team of certified Oracle and Google Cloud services professionals have decades of experience in these environments. We leverage our expertise to help you maximize your migration throughput and mitigate risks while providing the most fitting solution for your business.

How it works

In a week-long discovery exercise, we will review your Oracle implementation and plan, create, and present our assessment of the work to move your workloads from Oracle to Google Cloud through the following steps:

1. Discovery

Pythian's engineers will use Google's Database Migration Assessment (DMA) tool coupled with our own tools to assess the scope and complexity of your current Oracle implementation. We will collect database metadata and deliver a detailed customized customer readout. The collected data contains detailed metadata spanning database object types, PL/SQL, database features in use, current resource usage, and workload characteristics.

2. Analysis

Pythian's seasoned Oracle DBAs use Pythian's first-party Pythian 360 Assessment accelerator and a proven approach to analyzing the database metadata collected in step 1. The engineering team may run additional scripts on your existing Oracle database and related environment to fine-tune the DMA report. Analysis includes a thorough review of components and features being used, database objects, database resident code, dependencies on external objects, relative data volumes, etc.

3. Recommendations

Pythian experts will provide a detailed customer readout highlighting the following:

- Google Cloud target state database recommendations based on your current on-premises database workload characteristics.

- Migration effort: This reflects the level of effort required in hours to convert the Oracle schema and code.

- Right-sizing for the cloud: Current on-premises resources usage information is used to right-size your Google Cloud database, so that you only pay for resources that you actually need.

- High-level migration plan: Identify your first-mover databases and create migration waves for subsequent databases.

Pythian presents the findings through a collaborative and interactive walkthrough of the Database Migration Roadmap, readying your organization for an immediate next step.

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Why Pythian for Oracle to Google Cloud Migrations?

Pythian's global team of certified service professionals have deep Oracle, Google Cloud and other related expertise, as well as decades of experience in these environments. We leverage our skills and knowledge to help you maximize your migration throughput and mitigate risks while providing the most fitting solution for your business. Pythian migrates your oracle estate through the optimal path, using a tested and trusted staged migration approach to effectively move your Oracle workloads to Google Cloud.

- 26+ years of Oracle experience
- Google Cloud Certified experts
- Satisfied database and data warehousing customers
- A strong focus on business outcomes as well as technology
- Recipient of the Google Cloud Data Management Partner of the Year Award for 2020

Get started with Pythian

Take advantage of Pythian's unique blend of Oracle and Google Cloud expertise to get going and realize the benefits of Google Cloud faster. Email us today to get started at info@pythian.com.

About Pythian

Founded in 1997, Pythian is a leading global data analytics, cloud, and AI services provider that helps organizations transform by leveraging the power of their data estate. With a spectrum of transformation solutions ranging from infrastructure modernization, data enablement, database modernization to application acceleration, business collaboration, artificial intelligence, and AI, Pythian delivers full-lifecycle consulting, professional services, and managed services to create outstanding business outcomes.

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