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Transactional Database Assessment

Proven methodology created by expert Google Cloud Practitioners

Risk Reduction Through Our Proven Migration Expertise

By leveraging Zencore's extensive experience successfully executing complex enterprise database migrations, you can minimize disruption across hundreds of databases while accelerating adoption of Google Cloud's leading-edge data warehouse, analytics and machine learning services.

SELL | SERVICE

Premier Partner

Google Cloud

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Migrate from Oracle, Microsoft SQL Server, MySQL, or Postgres

with Fixed Engagements, Funding Options, and more

The Zencore Data Management Assessment is an evaluation of your company's current database environment and technology stack for transactional workloads. The goal is to provide a best practices approach for utilizing the Google Cloud data management platform. It has been developed from our collective industry experience and database expertise to help build, improve, and measure your data management capability.

Proven assessment methodology for Cloud Bigtable, Cloud Spanner, Cloud SQL and AlloyDB, created by expert Google Cloud practitioners.

Access & Security

→ Zencore will provide recommendations to implement a multi-layered approach

Governance

→ Governance is key to a successful database strategy, especially in the cloud. Zencore will provide best in class recommendations that are customized to your organization

Delivery

→ Our process includes how to make transactional data available to the people and systems that need it, in a timely and efficient manner to increase performance and decrease operations
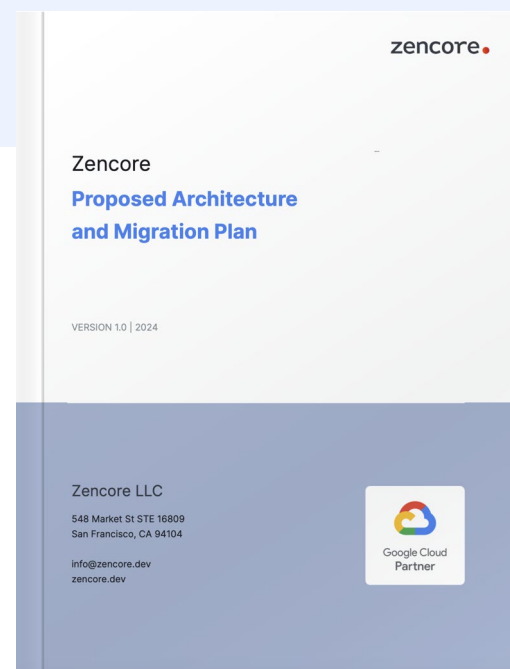
Tooling

→ Zencore will recommend modern tooling, which is key to a successful database strategy as it enables increased throughput and less toil

Operations

→ Our team will provide recommendations on monitoring, logging, and alerting, as well as database backup and disaster recovery processes

The output is a detailed report with a proposed architecture and migration plan, delivered by Zencore's expert Google Cloud Architects and engineers.

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Proposed Architecture and Migration Plan

VERSION 1.0 | 2024

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For more detail go to https://zencore.dev

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Customer Example

E2E Database Migration Pipeline

The market leader in online dating grew through a series of acquisitions and had 20 million customers across three business units. Their latest acquisition had apps running on Google Cloud and in a strategic move, they decided to consolidate the backend systems, specifically the databases of the 3 other business units, within their established Google Cloud infrastructure.

The goal was to migrate a total of 96 TB of data from 16 Oracle databases, 2 AWS Aurora/PostgreSQL databases, 9 TB of data from 30 PostgreSQL databases, and another 9 TB of data from 12 AWS Aurora/MySQL databases.
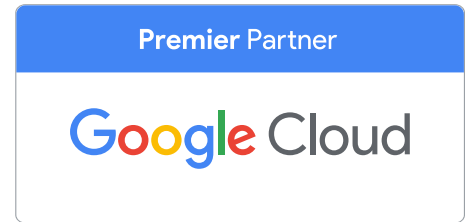
1	Phase 1: Assessment	Cost	Duration
	Zencore conducted an initial assessment of the customer's technical landscape, focusing on the databases located in Google Cloud, AWS, and on-prem, to bring data from on-prem Oracle to Cloud Spanner and MongoDB (also hosted on GCP).	Fixed Cost	~2 weeks

2	Phase 2: POC	Cost	Duration
	Using Google Cloud native tooling (primarily Datastream & Dataflow), Zencore developed a Proof of Concept (PoC) for an ETL pipeline to migrate "users" data from the system to Google Cloud Spanner and MongoDB. In addition, Zencore provisioned a Datastream pipeline to also replicate the data in raw format to BigQuery for future DHW exploratory testing.	Fixed Cost	~4 weeks

→ Customer sought to unify infrastructure and databases after acquiring apps with disjointed legacy landscapes

→ Zencore enlisted to assess compatibility and execute consolidation into optimized Google Cloud environments

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Migrate to Google Cloud Native

Zencore has successfully delivered projects to more than 20 customers involving a database replatform to native Google Cloud technologies.

Premier Partner

Google Cloud

Zencore is a cloud consulting and engineering firm led by a team of former Google engineers and executives.

Zencore's strength lies in its experience as trusted advisors to many of Google Cloud's largest and most complex clients.

We offer a comprehensive set of implementation and operational services across a broad range of capabilities including Cloud Migrations, Data Platforms, Infrastructure Modernization, Application Development, Machine Learning and Artificial Intelligence. The company was created for one purpose, to reduce risk and ensure client success with Google Cloud.

SPECIALIZATION
Data Management
Google Cloud

SPECIALIZATION
Data Analytics
Google Cloud

SPECIALIZATION
Infrastructure
Google Cloud

SPECIALIZATION
Cloud Migration
Google Cloud

Google Cloud is the leader in the data management space for public cloud. It has best-in-class technologies such as Cloud Bigtable, Cloud Spanner, Cloud SQL and AlloyDB. Moving to Google Cloud for transactional data workloads can significantly reduce costs and improve developer productivity.

ORACLE

Microsoft®
SQL Server®

PostgreSQL

MySQL®

Request a consultation with one of our experienced Google Cloud practitioners today.

For more detail go to https://zencore.dev