Outdoor Retailer's Oracle to Google Cloud Shift Drives Data Innovation

By moving its on-premise databases to Google Cloud's Bare Metal Solution, the retailer is saving money, reducing licensing complexity and getting rid of performance bottlenecks.

Overview

This outdoor retailer goes to extremes to serve its customers with products built to last tough outdoor environments. But, just like its customers, this business needed a more agile data environment—built to last.

The challenge

The outdoor retailer was a long-time Oracle customer, using Oracle 12.2 Standard Edition running on Oracle Linux for its production, pre-production, and disaster recovery environments, with applications on Oracle ATG.

Their system had become bottlenecked due to ongoing patching and maintenance, which the company's database administrators couldn't keep up with. While the technical team was struggling with a never-ending cycle of patching and maintenance, they also had ongoing licensing issues with Oracle. Tired of high licensing fees, they decided to migrate to Google Cloud by the end of the year in an effort to reduce costs and complexity.

They were looking to move their on-premise databases to Google Cloud's Bare Metal Solution (BMS). But with their technical team already stretched thin, they knew they needed additional support to successfully achieve their migration timeline. So they tapped into the expertise of Pythian, a Google Cloud Partner with Data Management Specialization that's well versed in Oracle to Google Cloud migrations.

Industry

Retail

Location(s)

USA

Technologies

- Oracle ATG
- Oracle Linux
- Oracle Database
- Amazon Web Services (AWS)
- AWS Relational Data Service (RDS)
- Google Cloud Bare Metal Solution (BMS)

Overview

This outdoor retailer goes to extremes to serve its customers with products built to last tough outdoor environments. As a long-time customer of Oracle, they were starting to run into bottleneck issues due to ongoing patching and maintenance, and ongoing licensing issues with Oracle.

Business need:

The outdoor retailer was looking to move their on-premise databases to Google Cloud's Bare Metal Solution (BMS). But with their technical team already stretched thin, they knew they needed additional support to successfully achieve their migration timeline. So they tapped into the expertise of Pythian.

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The solution

Pythian's database experts worked with the outdoor retailer to assess, plan, and deploy the migration, including a disaster recovery exercise using Dbvisit's database disaster recovery software. The outdoor retailer was using Dbvisit to replicate a secondary internal system, with a cloud foundation, domain name system, and Kubernetes cluster, and had an additional disaster recovery environment in AWS Relational Data Service (RDS), replicating that via AWS Database Migration Service (DMS).

Pythian discussed a modernization strategy and built a migration plan for the outdoor retailer that would meet its timelines. This involved migrating the on-premise databases running on Oracle Bare Metal to Google Cloud BMS, including options to downgrade their Oracle Database edition. With some components still in AWS, Pythian determined the best course forward was to decommission AWS when the migration to Google Cloud was complete.

Pythian also helped the outdoor retailer set up a new disaster recovery database and backup requirements in Google Cloud, seamlessly migrating its four environments: production, test, stage, and disaster recovery.

Business outcome

Pythian helped the outdoor retailer achieve its migration from Oracle to Google Cloud within the proposed timeline. With the help of Pythian, the outdoor retailer is now running smoothly on Google Cloud, with strong disaster recovery plans in place—and the technical team now has confidence in the capabilities of their databases.

Want to see similar results for your company?

Get in touch with a Pythian Google Cloud expert to see how our team can help.

Solution/What Pythian did:

Pythian's database experts worked with the outdoor retailer to assess, plan, and deploy the migration, including a disaster recovery exercise using Dbvisit's database disaster recovery software. Pythian discussed a modernization strategy and built a migration plan for the outdoor retailer that would meet its timelines.

Result/Key outcomes

The outdoor retailer is now running smoothly on Google Cloud, with strong disaster recovery plans in place—and the technical team now has confidence in the capabilities of their databases.

About Pythian

Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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