

Oracle to Cloud SQL PostgreSQL using DMAP - LATAM Airlines

Oracle DB modernization to Cloud SQL PostgreSQL was completed in a record time leveraging Newt Global's DMAP platform delivering 98% automation. End to end modernization involved data, application and 17 TB of data.

The challenge

LATAM's CROAMIS is a key module, which had hundreds of database objects and complex schema interdependencies. A 17 TB DB contained 29 schemas, 4,099 tables, 2,372 code objects, 278,000+ DB, and 10 Million+ Java Lines of Code for the app, and several inter-schema dependencies that required coordinated conversion sequencing, making it as one of the most complex schema conversions to be completed.

The solution

Newt Global leveraged its Database Modernization Acceleration Platform (DMAP) to automate schema conversion, data migration, & SQL remediation. LATAM's Croamis migration from Oracle to Cloud SQL was executed with schema & data transition validated across dev & pre-prod environments. End-to-end validation and Change Data Capture based synchronization was done for a transition during cutover.

The result

CROAMIS LATAM's Oracle database was seamlessly migrated to Cloud SQL PostgreSQL using DMAP, with automation reducing overall remediation effort significantly. The migration was completed at record speed, maintaining data integrity and ensuring full application functionality on GCP. DB was optimized to 7 TB. It was a successful cutover for an airline customer whose systems are mission critical.

“ Hearty Congratulations team!! Great collaboration all across in getting this done ! ”

Dinesh Veerula, Global Delivery Transformation & Operations Head, Wipro



About Wipro Limited

LATAM Airlines Group S.A. and its affiliates (“LATAM group”) are the largest airline group in South America and one of the largest airline groups globally by passenger transported. LATAM group operates passenger and cargo businesses. Wipro is a global systems integrator headquartered in Bengaluru, India. LATAM is a key customer of Wipro.

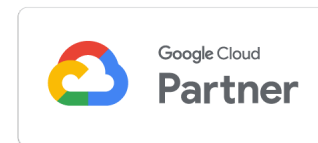
Vertical/horizontal solution: Other

Primary project location: India



About Newt Global Consulting, LLC

Newt's DMAP is an end-to-end migration accelerator, enabling enterprises to move from Oracle and SQL Server to Cloud SQL and AlloyDB PostgreSQL.



Products

Google Cloud Platform