Willamette Dental Group

Willamette Dental Group used Accelario Migration services to quickly migrate their on-premises Oracle databases to Amazon's AWS cloud, without any downtime.

With Accelario, Willamette quickly and successfully performed an extremely complex migration process after they'd tried and failed to do so with leading migration tools from Oracle and Amazon. By moving to the cloud, Willamette was able to significantly reduce operational costs while gaining agility for their IT teams.

About Willamette Dental Group

Founded in 1970, Willamette Dental Group is the largest multi-specialty group dental practice in the Pacific Northwest serving over 450,000 members with both oral care and dental insurance plans. The Willamette Group fosters a new approach to dental care that focuses on preventative care and long-term oral health. The Group now offers prepaid dental plans and oral care across their more than 50 locations throughout Oregon, Washington and Idaho. Modern thinking and advanced technologies empower innovation at every level of the organization, keeping Willamette at the forefront of advances in oral health and while supporting the long-term dental care needs of their patients.

Willamette Dental Group

At a Glance

> **Industry**
Oral Care and Dental Insurance

> **Challenge**
DBA needed to migrate all of Willamette's databases from an on-premises configuration to the cloud, without causing any production application downtime.

> **Solution**
Accelario Migration enabled Williamette to quickly migrate all of their databases to the cloud; Accelario Synchronization was used to sync the new cloud database with the on-premises production database and then smoothly move production there so that no downtime was experienced throughout the entire process.

> **Results**
> All databases were migrated in 4 hours

> Accelario copied production (initial load) to the cloud and then synchronized the captured changes of the data to ensure that new entities generated during the copy process would be available in the cloud

> Smooth handover -- no downtime was experienced at all

ORACLE DATABASE   **aws**

The Challenge

Willamette Dental Group is committed to the use of advanced technologies to enable better oral care and provision insurance to their wide base of customers. To support their technological agility and operations, Willamette maintained 5 on-premises Oracle databases; 1 was used for the production while the other 4 were used for QA and testing purposes.

Willamette's executive board decided to move their on-premises databases to the AWS cloud to reduce costs and gain efficiencies.

The main challenge was ensuring that there was no downtime during the migration, so that Willamette clients could continue enjoying high levels of service. Willamette's DBA first attempted the migration using AWS Migration Software, but the tool was not compatible with their Oracle databases because of specific object types that they maintained. Next, the DBA tried to migrate their databases using Oracle's migration tool, but there was simply too much manual work involved.

The Solution

Accelario's advanced solution for on-premises to cloud migrations enabled Willamette to migrate all of their on-premises databases to AWS. After copying the production database to the cloud, the on-premises database remained online while Accelario refreshed and synced the data that was generated during the copying process. Once both the on-premises and cloud databases were fully synced, production moved to the cloud. This process enabled Willamette to fully migrate all of their databases with no downtime at all.

Results

Using Accelario, Willamette was able to successfully execute a highly complex migration that couldn't be done using other leading migration tools from Oracle and Amazon.

The entire migration process took just 4 hours, while Accelario's refreshing process enabled the production to move to the cloud without causing any downtime.

> **Successful migration of 5 on-premises databases to the AWS cloud.**
> **Entire migration process took just 4 hours.**
> **No downtime whatsoever**

Accelario | The continuous DataOps platform

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