

MiCORE Migrated a Legacy Oracle On-Prem Platform to AWS Cloud for a Government Agency

“MiCORE is giving us a boutique feel with a dedicated team for us. Their team of Oracle Solutions experts are aware of our organizational challenges and created a smart AWS migration strategy with minimum downtime. Our data is safe and operating with no technical glitch”.

Company Project Manager



Challenge

- ✓ Database Cloud Migration with Indirect Database Upgrade.
- ✓ Out cycle Oracle Internet Directory Data Migration.
- ✓ Designing security solutions for sensitive data.
- ✓ Migration of Large Blob table with minimum downtime.
- ✓ 24*7 Support with domestic only clearance.
- ✓ Oracle 11g to 12c Forms, Internet Directory installation and configuration.
- ✓ ORDS reconfiguration with an application to replace PL\SQL Gateway.



Solution

Our client was struggling with an old and on-prem Oracle database system. Because of a large chunk of sensitive health data, managing and maintaining the same was difficult. Also, database upgrade with a large blob table was a challenge for a long downtime. The organization approached MiCORE as its Managed Service partner. As a part of AWS Managed Service solution, MiCORE offered the following solutions:

- ✓ Installed Oracle 12c Fusion Middleware, Forms, Internet Directory on EC2 instance.
- ✓ Installed 11g and 12c database, and used RMAN backup to restore it to 11g.
- ✓ Upgraded 11.1 to 11.2.0.4, and then upgraded from 11.2.0.4. To 12.2
- ✓ Used Data Pump for Refresh Data migration.
- ✓ Used LDIP to export and import into target OID and used SSH key to transfer the sensitive data.
- ✓ Since PL\SQL gateway got replaced, and MiCORE used the expertise to bridge the gap with a new ORDS tool to config the application with no error.



Results

- ✓ Enhanced database security and uptime with High Availability (HA)
- ✓ Decreased database management and maintenance costs
- ✓ Documented server environment reduces downtime and decreases risk
- ✓ The healthcare staff have more time to focus on major health initiative



Benefits of Working with MiCORE

- ✓ MiCORE can overcome any unexpected issue and figure out a customized work around even if there was no solution from Oracle Support.
- ✓ U.S. Citizen and Permanent Resident resource can support clearance required customer 24*7.


About the Client

The client is a government agency offering healthcare services to the people with medicine, foster care, and public health services. Its mission is to develop the well-being and health of all the nationals with a holistic healthcare approach.



About MiCORE

We at MiCORE help enterprises plan their Cloud migration strategy for transitioning their business smoothly to Cloud. We are proficient in handling every aspect of cloud migration right from capacity estimation and resource planning to services management and disaster recovery planning. Call us to know how our Cloud specialists can help you. Book a consultation today to let our experts simplify the migration process for you.

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