

a mandatory condition to align with the corporate plans for the transformation of Avail and the execution of the financial processes on an independent system. It must be stable, reliable, and scalable with a predictable performance.

High Level Steps of Migration

As part of the OCI Migration phase, Apps Associates conducted an Oracle Technology License Assessment to map the Oracle Licenses to OCI Cloud Platform compute instances by analyzing the license entitlements and workload characteristics, and OCI compute instance types to run the Enterprise workloads on OCI.

During the OCI migration phase, Apps Associates leveraged the OCI infrastructure provisioning process and then performed two iterations of migrations for the Oracle E-Business Suite, Splash BI (Analytics) and Apex environments by adopting physical standby for data and RackWare for the Operating System. During the dry-run iteration, Production Infrastructure was used, which allowed Apps Associates to identify all the additional configurations that needed to be replicated to mimic the solution the client had on-premise. Standby Database was used as source to build dry-run and PROD iterations which considerably minimized the cutover downtime. As part of the divestiture requirements, a third-party company executed a carve-out process and in order to minimize the carve-out execution time, a temporary instance was created in OCI with the required tools used by the carve-out team.

During the OCI Migration Phase 1, several tests (Unit Testing and User Acceptance Testing) were performed as part of the migration and all the functionalities were tested and validated successfully without any issues. Project Phase 1 duration was 2 months.

Challenges

The challenges were around the network connectivity between parent company AZZ and Avail's Corporate network locations with OCI, Samba shares. The Apps Associates' Network team worked with the vendors to set up the FastConnect with OCI over MegaPort to establish the connectivity with all of Avail's network locations. There were challenges to access the environments on some plants because of additional rules set on AZZ firewalls that were not mapped initially. Also, there were some issues with printers and barcode scanners that were identified and solved during dry-run iteration. Due to the tight timeline, the project team had to work during the UAT phase to complete monitoring, backups, and other mandatory setup for go-live. There were unexpected changes during the implementation that forced the team to redo some setup such as changing internal and public domains. Prior to the go-live, the carve-out team requested to have an additional clone during the cutover time, which required reorganizing resources and teams to complete all tasks on time.

The migration required significant resources to assist with planning, migration, and testing across all environments.

Benefits Realized After Migrating to Oracle Cloud

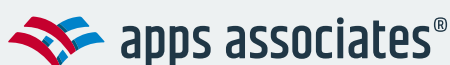
- Modernized infrastructure, improved cloning time as well as performance improvements.
- Advantages with Cloud agility and increased server capacity (vertical/horizontal) as per the requirement.
- Environment Provisioning is faster using Infrastructure as a code.
- Future readiness for business growth.
- Disaster Recovery automation using Full Stack DR.
- Better Price for Performance

About Apps Associates

Apps Associates is a premier enterprise applications and technology advisor, counseling and executing across every stage of the enterprise transformation journey - not just the destination. For more than two decades, Apps Associates

has closely collaborated with decision makers across nearly every industry, offering end-to-end integration, modernization, and cloud migration services.

By helping to break down the silos within today's most complex business challenges, Apps Associates is unlocking solutions and efficiencies that scale into future opportunities.



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