

Case Study

Optimizing EBS and BI Workloads with Oracle Cloud Infrastructure: A Hospitality Success Story

Client Overview

A renowned hospitality group, Sandals, managing multiple luxury properties across international locations was operating several mission-critical systems on-premises. Their IT ecosystem included Oracle E-Business Suite (EBS), BI Applications, and OBIEE — all running on aging infrastructure that had begun to impact performance and scalability. As business volumes grew and new applications were introduced, the client recognized the need to modernize its technology foundation and prepare for an eventual move to Oracle SaaS applications.

Business Challenge

Sandal's legacy AIX-based infrastructure had become difficult to maintain and costly to scale. Application performance, especially within OBIEE, suffered from delays and slow navigation speeds, leading to inefficiencies in daily reporting and business operations.

They required an immediate modernization path that could:

- Improve performance and system responsiveness
- Reduce on-prem maintenance and operational overhead
- Establish a scalable, secure environment with improved backup and retention capabilities
- Create a solid foundation for future SaaS adoption

Datavail's Solution

Datavail developed a multi-phase modernization strategy centered on Oracle Cloud Infrastructure (OCI). The approach was designed to stabilize existing workloads while creating a cloud-ready framework for the client's long-term SaaS transformation.

Phase 1: Lift and Shift to OCI

The first phase involved migrating BI Apps and OBIEE workloads to OCI Infrastructure-as-a-Service (IaaS). During early testing, the client encountered slower navigation speeds compared to their previous setup. Datavail's team performed detailed diagnostics, addressing database performance parameters, compute sizing, and network latency. After targeted optimization, OBIEE performance not only matched but exceeded the original benchmarks.

Phase 2: Platform and Database Modernization

The on-prem AIX environment was successfully transitioned to a Linux platform, ensuring broader compatibility and easier management. Datavail moved the EBS database layer into Oracle Database PaaS Services, allowing Oracle to handle OS-level maintenance, patching, and performance tuning through automated services.

Phase 3: Resiliency and Scalability Enhancements

Datavail implemented a cross-region disaster recovery (DR) architecture within OCI and introduced automated backup solutions with extended data retention capabilities. All key applications were deployed on OCI Virtual Machine instances, enabling flexible scaling based on seasonal demand and operational needs.

Results & Business Impact

- 50% faster BI and analytics performance post-migration
- Significant reduction in infrastructure maintenance efforts and costs
- Enhanced scalability and uptime, with OCI resources dynamically adjustable to business workloads
- Improved data protection via cross-region DR and flexible backup retention
- Future-ready foundation enabling a smooth transition to Oracle SaaS applications

Conclusion

Through Datavail's end-to-end Oracle Cloud expertise, the Sandals successfully transitioned from a high-maintenance on-premises setup to a flexible, high-performing cloud environment. The migration not only resolved immediate performance challenges but also aligned their IT ecosystem with long-term digital transformation goals.

This engagement underscores how Datavail's proven migration frameworks and Oracle partnership can help hospitality and service-driven organizations modernize with minimal risk and maximum value.