DOTComm Reduces Cost and Gains Flexibility through Amazon Web Services

BACKGROUND

Douglas County Omaha Technology Commission (DOTComm), with a full-time staff of over 80 Information Technology professionals, provides technical support and consulting to over 70 governmental entities in the Omaha and Douglas County (Nebraska) area. Over 5,000 dedicated government workers spread across 120 locations rely on DOTComm's Information Technology services every day.

DOTComm began a hosting relationship with Sierra-Cedar, Inc. in 2011 for Oracle E-Business Suite (EBS). This relationship expanded to include Oracle Hyperion Planning in 2013 and Oracle Business Intelligence Suite (OBIEE) in 2014.

CHALLENGES

DOTComm came to Sierra-Cedar with a desire to reduce spend and prove the viability of hosting application environments on Amazon Web Services (AWS) to internal decision makers. As DOTComm already had plans to migrate away from its traditional Hyperion environment, an interim hosting solution for Hyperion using AWS would address both of DOTComm's needs.

SOLUTION

DOTComm, already a user of AWS services, was enthused to learn about Sierra-Cedar's experience with hosting applications in AWS. DOTComm asked Sierra-Cedar to migrate its existing Sierra-Cedar-hosted Hyperion environment to AWS.

Sierra-Cedar and DOTComm worked together to architect and deploy the infrastructure to host the Hyperion application in AWS. Services deployed in AWS included Amazon Elastic Compute Cloud (Amazon EC2) as the compute layer for the Hyperion metadata store, Amazon Elastic File System (Amazon EFS) for application binary storage, and Amazon Simple Storage Service (Amazon S3) for secure, durable, and highly scalable object storage. Amazon Virtual Private Cloud (Amazon VPC) was also deployed to segregate its network with a site-to-site virtual private network.

The DOTComm migration of its Hyperion environment to AWS began in late January 2018. After a successful migration to AWS and testing in both non-production and production Hyperion environments, DOTComm opened-up the AWS-hosted Hyperion environments to its end-user base in early March 2018, the start of its annual budgeting cycle.

RESULTS AND BENEFITS

By deploying its Hyperion applications in the AWS Cloud, DOTComm was able to reduce cost and gain flexibility. The Hyperion applications are heavily used during budgeting cycles, but used infrequently, if at all, outside of the budgeting cycle. AWS Cloud enabled DOTComm to scale and adjust AWS resources as user demand dictated, enabling payment for only AWS resources DOTComm needed and only when needed. Additional savings were afforded by the ability to build out the environments quickly and without capital expenditure, enabling the migration to AWS Cloud to take place in approximately six weeks.

ABOUT SIERRA-CEDAR

Sierra-Cedar is currently an AWS Advanced Consulting and Government Partner for Commercial, Public Sector, and Higher Education clients. Its strong strategic partnership with AWS is based on the breadth and depth of the AWS services provided, resulting in a set of rapidly growing certifications that focus on moving its clients forward.

Sierra-Cedar has expertise and documented success with the following:

- Adopting RDS as a managed database platform
- Tuning performance of Hyperion and Essbase applications
- Integrating Cloud, on-premise, and third-party applications
- Monitoring the complete environment allowing quick resolution when issues do arise
- Securing the environment through a combination of AWS-delivered security profiles, host base software, encrypted VPNs, and login authentication integration with leading Cloud-based LDAP integrations
- Testing failover scenarios while keeping the application and web services available, including continued processing of production workloads when a failover occurs

> *Our experience with Sierra-Cedar has been excellent. They not only helped us plan and execute the migration of Hyperion Planning and Budgeting application to AWS but also guided us to get the full benefit of all AWS services.*
>
> **Vijay Badal**
> Director, Applications

LEARN MORE

For more information about how Sierra-Cedar can help your company build and manage your AWS environment, refer to Sierra-Cedar in the AWS Partner Directory. To learn more about how AWS can help you migrate and deploy your enterprise applications in the Cloud, visit the Oracle and Amazon Web Services details page.

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