aws | partner network   **DLT**

Cloud Migration Case Study

DLT Solutions helps a Large University enhance their use of the cloud with AWS

About the University

This university is no small operation. With well over 30,000 undergraduate and graduate students from more than 130 countries, nearly 10,000 faculty and staff, 17 schools and colleges, and 250 fields of study, their three campuses are always humming, always in high gear. Cloud computing offers the university an opportunity to achieve significant improvements in functionality at the potential for reduced costs, especially as related to future capital cost avoidance.

THE CHALLENGE

In an effort to maximize the savings and efficiencies of the cloud, the leadership at this university was seeking to deploy Kuali Architecture Deployment on AWS IaaS. Another partner university had provided deployment scripts that the Client can re-tool and re-use to support their requirements.

THE SOLUTION

To support this project, DLT proposed an architecture along with the professional services to be delivered onsite in order to deploy the solution. This included provisioning the environment, installation of Kuali scripts, failover testing, and integration with cloud monitoring systems.

How AWS was used as part of the solution:

DLT proposed an AWS architecture with multiple layers for the solution. This included multiple Availability Zones with Elastic Load Balancing, Elastic Compute Cloud, Relational Database Service, and Simple Storage Service. The Virtual Private Cloud (VPC) buildout to allocated these resources in multiple stacks (Production, Staging, Test, and Development) for consistent deployment.

A successful project outcome:

With DLT's help, the university was able to successfully roll out an efficient Kuali Architecture with minimal redevelopment. Boston University now has insight into seamless use of Chef Recipes in Opsworks to support application deployments across a varied AWS service stack built on CloudFormation.

On-going Partnership with DLT:

DLT Technical Support is available to support both the customer and engineering teams with any technical issue they face, and rarely has to escalate beyond the first tier of support to remediate or advise on a problem. DLT technical support engineers have escalation procedures for high severity issues, including back channel resources directly from Amazon Web Services in the event of AWS-side questions or concerns. These escalation procedures are rarely utilized but are available for these scenarios.

ABOUT DLT SOLUTIONS AND AWS

As a Premier Consulting and Managed Services Partner for AWS, DLT helps make the path to the cloud seamless and cost efficient for federal agencies and higher education institutions. Our AWS-certified technical experts provide architectural and technical direction in the selection of appropriate cloud solutions, as well as dedicated professional services for installation, configuration, training, and ongoing support.

NEXT STEPS

To learn more about how AWS and DLT can help you start your journey to the cloud today, email us directly at cloud@dlt. com.