Cloud Migration Case Study

DLT Solutions helps Fu Associates migrate to the cloud with AWS

Fu Associates, Ltd.

Fu Associates is a leading developer of information management and analysis systems. They pride themselves on providing quality services ranging from the design, development, and implementation of complex information systems to business process reengineering, policy analysis, and strategic planning. Their clients include public and private sector organizations in the fields of health care, aviation, labor, education, environment, agriculture, and defense.

THE CHALLENGE

The Fu Associates team were looking to use Public Cloud to host a web application for a large Federal Organization for maximum operational and cost efficiency.

THE SOLUTION

DLT proposed a Managed Services engagement to help the team create an updated web application in AWS and proposed architectures. DLT was responsible for delivering the application migration with best practices to include security, backup, and monitoring.

How AWS was used as part of the solution:

DLT worked with Fu Associates to plan an AWS architecture to include multiple AWS Availability Zones (AZs) and VPN connections for resiliency. Once networking was configured to include multiple subnets, security groups, and Web Application Firewall (WAF), additional Elastic Compute Cloud servers were set up with failover and monitoring in mind behind Elastic Load Balancing, using CloudWatch, CloudTrail, and AppDynamics for optimum performance monitoring.

Recent Projects with Fu Associates:

DLT Managed Services continues to work with this customer in their AWS environment, covering a similarly sized web application consisting of multiple EC2 instances. In addition to the 24x7 DLT Technical Support, this includes the console management of AWS, with consistent patching and updates, as well as security monitoring and backup management.

On-going Partnership with DLT:

DLT continues to work with the customer to ensure the environment continues to function according to application requirements, and takes any remediation steps as identified. The team also incorporates services for the web application that include an annual tabletop disaster recovery scenario and planning session. This walks through possible failure scenarios and comprehensive scenarios for remediation with the customer, including a timeline with recovery steps and instructions.

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.