



Cloud DevOps Case Study

DLT Solutions helps a U.S. Federal Agency enhance their use of the cloud with AWS



About the Agency

This federal agency utilizes a mature hybrid cloud architecture to support its efforts as an innovative and independent agency. Many of these efforts focus on partnering internationally to promote economic growth, reduce poverty, and strengthen institutions. This requires a flexible and consistent development stream in their applications to deliver on its mission.

THE CHALLENGE

This federal agency wanted an updated approach to their development pipeline in AWS, so their leadership decided to employ a DevOps mindset to their existing deployment. The goal included more efficient transitions and minimized development timelines.

THE SOLUTION

DLT worked with AWS and proposed a professional services engagement to help the agency create a set of automated processes using AWS best practices and functionality. DLT was responsible for developing and delivering the first ten processes and then train agency staff to execute the remainder of the list.

How AWS was used as part of the solution:

DLT worked with their team to plan AWS architecture DevOps updates to streamline automation with increased governance. This used AWS Service Catalog and made use of features such as Tags and Security groups. Once the strategy was configured, application were relocated with monitoring using CloudWatch.

Benefits of DLT's end to end Services:

Following the successful deployment of the project plan, the agency had a more automated and streamlined process for standing up Development resources and applications across its AWS environment. This allows for a much quicker release schedule with less effort on staff throughout the organization.

On-going Partnership with DLT:

The agency team was able to get lessons on configuration and creating governance using Service Catalog. This knowledge, in addition to migration of actual allows for continuous transition of projects throughout the development process.

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.