Migrating to the cloud from a private data center in 13 weeks

THE CHALLENGE

The Customer needed to move from a costly, proprietary Content Management System (CMS) and data center and migrate ten geographically dispersed websites and applications to the cloud. While built on a myriad of different tools on premise, the customer could not leverage many capabilities and required increased existing levels of service to operate and maintain mission critical applications.

THE SOLUTION

1. Architeture supported streaming services and web audio, critical in support of customer mission
2. Designed and implemented open source Drupal CMS
3. Managed cloud services provided, utilizing AWS and Azure. Automated the environment.
4. Optimized web infrastructure dispersed over multiple centers and satellite facilities into an agency-wide cloud-based infrastructure
5. Cloud security comprehensive program developed
6. FedRAMP reference architecture developed which addresses the FedRAMP security requirements
7. Migrated an internal engineering application to AWS GovCloud that is ITAR-compliant

THE RESULTS

- Cost savings of more than 40%, 75% for some apps
- Rapid application deployment and migration
- Scale services up or down automatically as needed
- Delivered secure, optimized cloud environment with 65 applications onboard in 13 weeks
- Secure, highly available hosting environment
- Can update content in minutes
- Can handle peaks of 5 million daily page views via elastic cloud environment

Success!

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