



DevOps on AWS Case Study

DevOps and Security Operations in Healthcare for HIPAA Readiness

About MDValuate



MDValuate delivers customized technology solutions that help providers improve patient experience and online reputation in the new retail environment of healthcare. With MDValuate's nimble SaaS-based technology, hospitals, health systems, and physician groups capture immediate patient feedback to drive service recovery and strong online ratings – creating a unique competitive advantage and new sources of revenue.

THE CHALLENGE

MDValuate's Healthcare clients require a SaaS application that is readily available, HIPAA compliant, and performs with zero downtime.

Cloud Security & Compliance require ongoing maintenance. The solution itself needs to provide resiliency while keeping IT and Operational costs at a minimum.

Application New Feature Development must be Quick and Secure.

THE SOLUTION

Given MDValuate's HIPAA related requirements, EPLEXITY implemented and enforced Policy-as-Code by auditing all AMI and Security Group updates relative to a whitelist with real time notification should an AMI or security group change occur outside of customer planned maintenance.

Implemented automated backups based on the customer's tagging strategy. These DevOps related services utilize Lambda, DynamoDB, SNS, CloudWatch, and S3 Storage.

THE BENEFITS

Faster Time to Results

Lower Change Failure Rate, Faster from Commit to Deploy, with More Time Spent on New Features and Code.

Improved Security & HIPAA

Moving to AWS immediately gave the client an infrastructure platform to help them enable HIPAA compliance.

Increase Development Velocity

Quickly added new features to the clients customer SaaS application by leveraging innovative AWS services.

ABOUT EPLEXITY AND AWS

Headquartered in Denver, AWS Premier Partner EPLEXITY offers cloud managed services through CXOS. Our DevOps services incorporate AWS and best of breed 3rd party solutions to help clients make the transformation to DevOps quickly and securely.

Organizations using DevOps through CXOS deliver applications quicker and innovate faster. AWS offers infrastructure resources designed to support continuous integration and delivery, infrastructure as code, microservices, and monitoring & logging.

NEXT STEPS

To learn more about how AWS and EPLEXITY can help your business, visit www.eplexity.com.