



SOC2 COMPLIANCE ON AWS

DecipherCredit

aws partner
network

Standard
Consulting
Partner

ClickIT
SMART TECHNOLOGIES



Decipher

CREDIT SOLUTIONS

App Description

DecipherCredit is a financial application that allows credit applicants to get an easier and more transparent contact with commercial lenders, by providing lenders the whole credit history information of credit applicants and allowing lenders to make strategic decisions regarding on who is a good candidate for a loan.

Client: DecipherCredit.

App: deciphercredit.com

Problem Statement

Web-based Laravel application hosted in AWS which required to comply with SOC2 standard at infrastructure level since it processes, stores and manages sensitive financial information from users

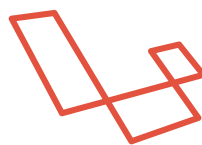
Key Technologies



● AWS



● REDIS



● LARAVEL



● CODECOMMIT



● SQS

Service Offered

1. Enhance the security of DecipherCredit's cloud infrastructure by:

a. Enabling a multi-availability zone, Auto Scaling, and Load Balancing in order to keep the application up for users at all time.

b. Programming periodic and automated backups for servers and database in order to be able to restore in case of disaster.

c. Creating a Virtual Private Network which contained the application and database servers, so that only authorized users could access to these sensitive information elements.

d. Creating IAM roles on AWS which ensure users to have only the necessary access to resources.

e. Implementing an effective monitoring approach over system files, databases and application servers by the integration of Wazuh Intrusion Detection System (IDS), OSSEC File Integrity Monitoring System (FIMS), New Relic and AWS Cloudwatch.

Highlights of the Case

- The application now has the capacity to be launched on a different availability zone in case of any critical failure that brings it down.
- Access to application servers and databases is now controlled and restricted for certain users.
- Personal from DecipherCredit now has full vision on unauthorized access attempts, file changes, application processes, and resources usage.

Highlights on Solution

- DecipherCredit has now the necessary security controls to be a candidate for the SOC2 compliance audit.
- Undesirable intrusions and attacks decreased a 90%.
- Service interruptions dropped to zero. Customer confidence increased significantly, as well as the acquisition of new customers.

A bit about us !

We are your ideal technology partner. Simple as that. You can find a full spectrum of cloud services in our agency, from Migration to DevOps and Automation, you can count on us to manage your web applications.



Security



Hardening and malware removal. Ask for a security assessment, ethical hacking and penetration testing.

Development



Web and Mobile Development for Ecommerce sites, Startups, Mobile and SaaS Applications.

Migrations



Migrate your application to the Cloud, or move your site to the hosting that suits you best.

DevOps



Continuous integration and Accelerate you Development productivity whit IT automation.

Optimization



Accelerate your application and CMS using caching layers, CDN technologies and tuning your LEMP services.

Cloud Computing



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