

CASE STUDY

**DOMAINS & WEBSITES MIGRATION TO
AWS HELPS IMPROVE PERFORMANCE
DRASTICALLY FOR A US FIRM**



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ABOUT CLIENT

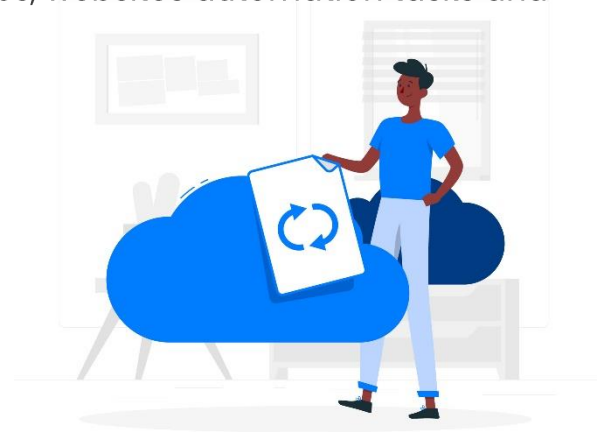
The client is a USA-based start-up that approached CCS to develop a strategy-based American football gaming app (web).

BUSINESS CHALLENGES

- The client wanted to consolidate the DNS Record Management and Providers.
- They wanted to consolidate the web hosting to a single platform.
- The security of all websites needed improvement.
- Ease of manageability and administration.
- Scalability requirements to accommodate future growth and security improvements.
- They wanted a cost-effective solution in AWS.

CCS SOLUTION

- CCS Team carried out expert analyses of the business requirement and the traffic of all websites.
- AWS Deployment met the client's security needs at low cost.
- Made use of the scalability and elasticity of AWS Platform.
- Right-sized and provisioned the optimal resources based on current usage pattern.
- Effectively made use of open-source services to meet the client's requirements.
- EC2 Instances were considered for Web and DB Servers.
- AWS Lambda for Automation of the AMI backups, websites automation tasks and triggers.
- Route 53 is used for the DNS management.
- Provided end-to-end cloud infra monitoring using CloudWatch.



BUSINESS BENEFITS

- Achieved faster and secure access across all geo locations.
- Improved websites load time and response time.
- Significantly increased performance.
- Provided the client with greater control and flexibility.
- Seamless DNS and Website migration with no major issues.
- Incorporated automated Backup and cloud DR without additional charges.
- Made it possible for the client to easily scale up/scale down as per business needs.





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