

CASE STUDY

MIGRATION OF DOMAINS AND
WORDPRESS WEBSITES TO AWS



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ABOUT CLIENT

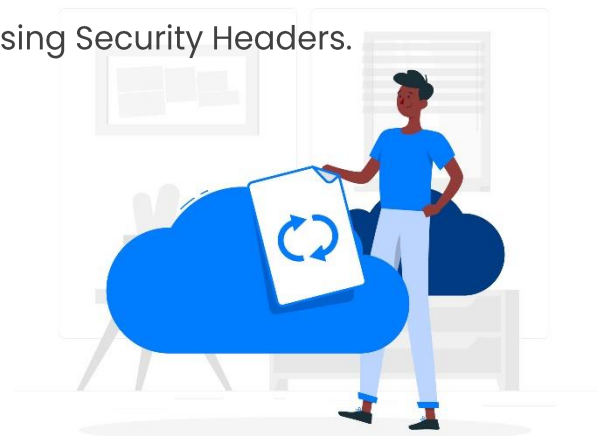
An ICT solution provider established in 2007, headquartered in KSA, with an extended geographical presence in the Middle East, Africa & Europe.

BUSINESS NEED

- The client wanted to consolidate the DNS Record Management and Providers.
- They wanted to consolidate the web hosting to a single platform.
- The performance and load time needed improvement.
- Website security needed to be improved.
- Ease of manageability and administration.
- Scalability requirements to accommodate future growth and security improvements.
- For all of the above, the client was keen on a low-cost solution.

CCS SOLUTION

- CCS Team did an expert analysis of the business needs.
- Analysed the business requirement and all website sites traffic.
- Infra met compliance and security needs at low cost.
- Suggested to upgrade the WordPress and Databases to improve security.
- 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 Single Host Multi Site WordPress Deployment.
- AWS Lambda for Automation of the AMI backups.
- CloudFront for effective low latency content delivery and static content caching.
- Lambda@Edge is used to secure the website using Security Headers.
- AWS WAF and SSL security improvement and Secure access.
- ACM certificates to save SSL certificate cost and end to end encryption.
- Route 53 is used for the DNS management.
- Monitored the cloud infrastructure using CloudWatch.



BUSINESS BENEFITS

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