



Case Study

Cloud Strategy & DevOps Implementation For A Fast Growing Online Retail Company

Summary

One of the fast growing online retailers wanted a cost-efficient solution to manage all its data in its legacy system with improved efficiency and scalability to meet the growing demands. Expedite technology Solutions studied the existing architecture and formulated a strategy for migration to AWS cloud that helped the client optimize cost with a pay-as-you-go model and decrease time for deployments with a single click.

Client Goals

- To audit existing architecture and adopt new cloud strategy
- Reduce the capital and maintenance cost of the on-site infrastructure
- Quicker deployments for faster time to market

Technology & Services Leveraged

- Technology Consulting
- DevOps
- AWS EC2
- CI/CD
- Node.js, Docker, MongoDB
- Staff training

Challenges

The clients business had seen spikes during the holiday season and the existing architecture was not scalable and the cost to manage the cloud infrastructure in-house proved to be costly. Different business functions of the client worked in silos which resulted in longer time for deployments. The application also saw unusually high downtimes that affected the business reputation resulting in revenue drop.

Strategy

Expedite Technology Solutions performed an audit of the on-premise infrastructure to understand the requirements and decided to migrate to AWS cloud. Our team created a seamless migration strategy to AWS. The team also developed a DevOps strategy for CI/CD to enable single click deployments for faster time to market. Autoscaling enabled the optimal use of resources resulting in decreased downtime and cost.

Results Achieved

- Downtime decreased by 99.9%
- Time to deploy decreased by 70%
- Cost to manage infrastructure reduced by 40%
- Sales increased by 20%

**Are You Looking For Cloud Migration or
Infrastructure Management Services?**

Talk to Experts At Expedite

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