



Cloud DevOps

Cutting-edge solution to grow and scale business with stability, flexibility, adaptability

Key Highlights

■ Robust and Scalable Environment:

Highly robust environments have made the client more agile in responding to scalability needs

■ Continuous Integration and Delivery:

Automated entire delivery process for rolling app deployments. Code-to-production push time accelerated by 5x

■ Monitoring and Logging:

Significant reduction in errors with near real-time monitoring of infrastructure and application performances

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Challenge

Outdated Technology,
Deployment & Outage Issues



Solution

Revamped Framework. AWS
Implementation.



Impact

Scalable, Stable, Reliable Solution.

Challenge

A leading e-commerce retailer specialized in selling diet food programs faced challenges to quickly develop and push out application changes that hindered continuous integration. Manually managed application deployments on numerous servers caused delays and inconsistencies. The client was in need of an AWS platform re-design that would allow them to automate processes, deploy changes faster, minimize downtime and maintain high levels of compliance and security.

NuSolution

- NuWare designed an architecture that leveraged AWS's environment for development, test and production
- Reduced errors with near real-time monitoring and enhanced security and compliance by mapping processes to appropriate compliance controls
- Designed a fully automated, continuous integration and delivery system for app deployments
- Significant boost in performance by architecting highly available environments with ECS and Auto Scaling for robustness and stability

Impact

Using a DevOps model, NuWare was able to help the client implement continuous integration and continuous delivery (CI/CD) practices, and also automate infrastructure provisioning and management. The client was able to realize immediate benefits such as quicker application deployment, auto-scaling of infrastructure and faster innovation. In addition, the new architecture helped in gaining more visibility, control on cloud billing, and lowered costs further.