

OPTIMIZED AND SECURE INVENTORY MANAGEMENT WITH AMAZON WEB SERVICES



THE CHALLENGE:

Gourmeat is a premium meat boutique with stores in Uruguay and Miami. They offer a unique in store and online experience when shopping and consuming meat, with a selection of 100% grass fed beef, with no antibiotics and no hormones, carefully selected and sourced from the best lands in South America.

Gourmeat uses a Point-of-Sale application hosted on-prem, to manage sales, inventory and customer relations (CRM) for each retail store. Their online store is hosted on a very popular e-commerce platform, and inventory on their warehouse is managed by a combination of manual reports from different vendors. None of these systems were integrated, which presented major challenges to track inventory and sales.

THE SOLUTION:

Nub8 designed and implemented a solution to centrally manage Gourmeat's store and warehouse inventories through a web application using Amazon Web Services (AWS).

The solution is based on a microservices architecture, with a single responsibility, allowing scalability and adaptability over time.

The WAF was incorporated into the architecture in order to protect the web application against the most common vulnerabilities such as: SQLi, XSS, brute force, DDoS, IP reputation, etc, in addition to allowing Gourmeat to create custom, application-specific rules that block attack patterns to ensure availability, secure resources and prevent excessive resource consumption.

SERVICES INVOLVED:

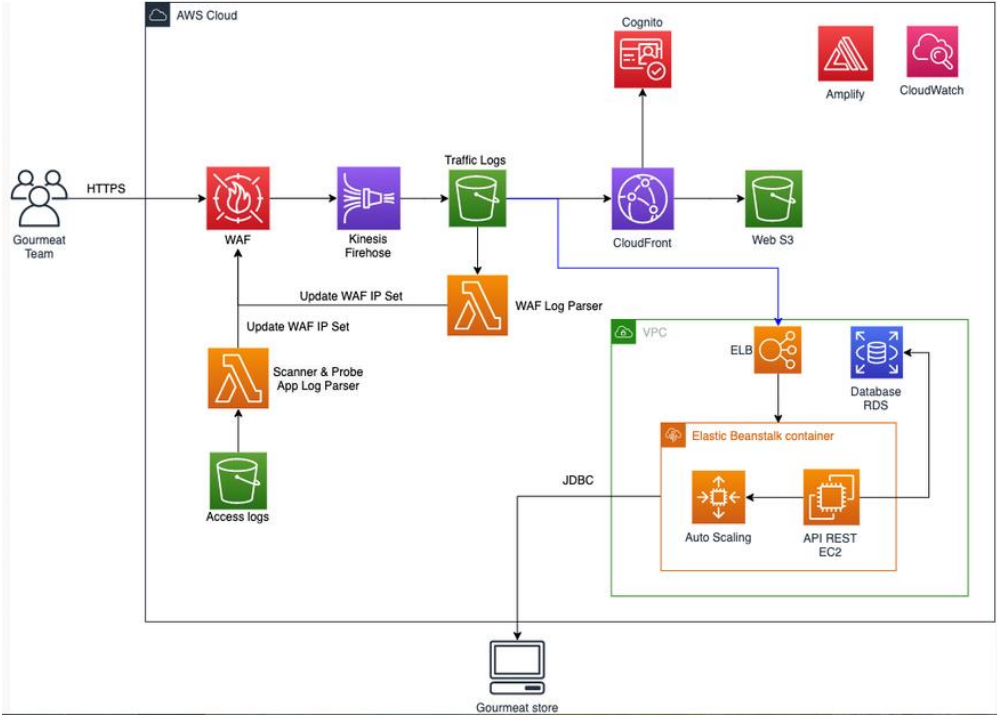
- Lightsail
- AWS Elastic BeanStalk
- AWS EC2
- Quicksight Embedded Analytics
- Elastic Load Balancing
- AWS WAF
- Amazon SQS
- Amazon RDS
- CloudTrail
- CloudWatch
- IAM



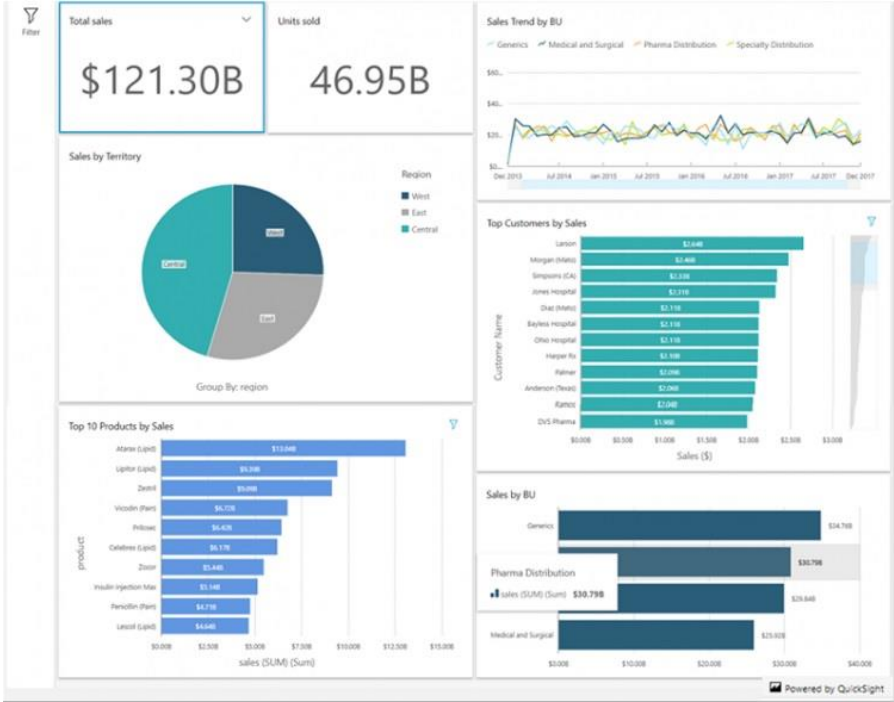
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ARCHITECTURE:



The solution also includes embedded and interactive dashboard that shows sales, inventory, and other critical information in real time; this panel is accessible for all involved users.



THE BENEFITS:

- Centralized inventory of store and warehouse stock.
- Web access to the application.
- Inventory synchronization.
- Permanent data interchanged between the warehouse and the store.
- Easy aggregation of new points of sales.
- Security and integrity of Gourmeat's information.
- Faster decision making with advanced sales and inventory reporting and analysis using QuickSight Embedded Analytics.
- Creation of additional revenue streams.
- Graphic and consolidated information about (sales, inventory, etc)
- Security with embedded code and user identity management

"Nub8's solution and services allowed us to have greater visibility of store information, all in one place, which makes easier our analysis for business decision making. We manage this platform with confidence as it incorporates secure security for internal and external users."

Lucía Albanell – CEO Gourmeat

See this Case Study on Amazon Web Services (AWS) YouTube Channel:

https://www.youtube.com/watch?v=nZFof4Acvxw&ab_channel=AmazonWebServices

ABOUT NUB8

We are an IT consulting company; whose mission is to offer our customers cloud solutions that allow them to digitally transform their business to be more competitive creating value to their end users. We understand their concerns to find technology solutions based on industry specialization, which gives us the ability to understand, share, innovate and create value to our prospects and customers. Our knowledge allows us to transform and make technological solutions useful, efficient and flexible for different sectors.

At Nub8 we support organizations through consulting services, implementation and infrastructure management for the modernization and assurance of their solutions, not only cloud, but also on-premises or hybrid infrastructure

