



Management & Quality is a company that provides Consulting, Solutions and Professional Services in Enterprise Architecture, Analytics, Applications, BPM, Document Management, Data Governance, Information Security and IT Governance.

## Cloud Challenge

As a fast growing company, **Management & Quality** needed to ensure their AWS cloud infrastructure was developed correctly according to cloud best practices, ensuring performance, cost optimization, reliability, and security. As per the variety of services provided by **Management & Quality**, they needed to ensure all their resources were developed in a standardized manner as well as real-time monitored and, most importantly, that they were secured and cost-efficient.

## StackZone Engagement

**Management & Quality** decided to adopt **StackZone** to help them align how they were managing their cloud workload to best practices and add automation to their day to day cloud management activities. **StackZone** deployed a Well Architected Framework adopting a landing zone with 6 accounts in less than 6 hours to logically separate by workload type and enable AWS SSO to split the monolithic AWS accounts into micro accounts. In addition to this **StackZone** built automation around identity and access control, security monitoring through cloudwatch alarms, AWS Config rules and self healing by implementing auto-remediations.

## Tools Used

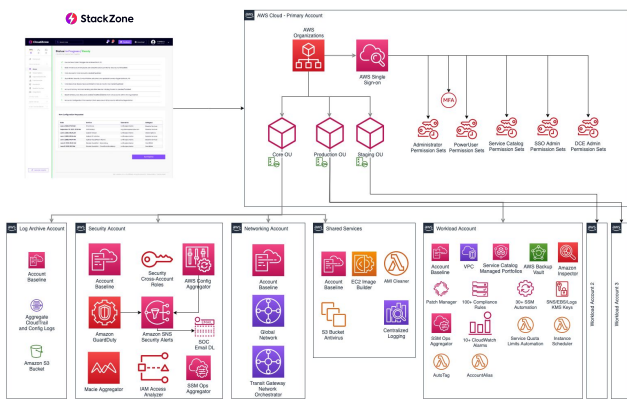
- The entire **StackZone** solution is based on AWS native services, including but not limited to creating new accounts, deploying IdP for SSO, creating IAM Policies, and using AWS Service Catalog as Add-On Solutions. A set of core accounts are created and Service Control Policies are applied to Organizational Units depending on the customer's choice. In addition, the solution uses AWS Lambda, Step Functions, CodePipeline, and CodeBuild.
- The solution is deployed in multiple regions depending on the customer's choice.
- From a security perspective, **StackZone** deploys and configures services such as Amazon GuardDuty, Amazon Macie, more than 200 AWS Config rules, more than 55 auto remediation rules, etc. that are applied to every account and regions creating an aggregated view into the security account.
- **StackZone** provides a simple and user-friendly web console that helps cloud administrators manage, monitor, and setup their cloud governance and optimize cloud costs.

## Realised Benefits

**Management & Quality** adopted **StackZone** not only to secure their cloud workloads, enhance their security and optimize the cost efficiency, but also they needed an automated and simple cloud management platform to allow them manage their AWS workloads and improve their cloud ops team productivity substantially.

In addition to this, by adding advanced monitoring and automation, just during the onboarding, they identified and solved:

- Security breaches related to unused infrastructure and obsolete accounts
- Cost optimization opportunities that represented a 20%+ reduction on their monthly AWS costs.



## Do you want to take your cloud to the next level?

Try Now



Working with **StackZone** allowed us to identify and solve security and cost opportunities in a simple and fast way. Now, we are sure our workload is secure and cost-optimised and more importantly, that it will remain like that as we are actively monitoring and solving through **StackZone's** automation.

Javier Vargas Prieto, Leader Center of Excellence

