



**Facilitabots** was born to facilitate the interactions and activities of companies using artificial intelligence. They carry out automation, analysis and integration for companies to improve the experience and interaction with their customers. **Facilitabots** are a digital business born in the cloud, leveraging cloud technology using AWS native services.

## Cloud Challenge

**Facilitabots** needed to improve their AWS Workload security, complete with documented evidence, in order to be able to provide services to a new financial customer and open that market. **Facilitabots** didn't have the time and team availability to implement those changes as fast as they needed. They needed a fast implementation of the required updates on their infrastructure and a complete documentation of the deployed improvements.

## StackZone Engagement

**Facilitabots** participated in a Well Architected Review session by nubeGo that highlighted several areas of improvement according to a comparison against AWS Well-Architected framework. To address some of these recommendations, **Facilitabots** decided to engage with nubeGo to build automation around security and general deviations discovered during the Well-Architected Review. The simplest and most effective way was to build Automation Documents using AWS Systems Manager and remediate findings using AWS Config in conjunction with the SSM service. All this was achieved in only 2 days deployment by encouraging **Facilitabots** to adopt **StackZone** to monitor and manage their multi-account environment.

## Tools Used

- The entire **StackZone** solution is based on AWS CloudFormation, including but not limited to creating new accounts, deploying IdP for SSO, creating IAM Policies and using Service Catalog with Add-On Solutions. A set of core accounts are created and SCP Organizations are applied to OUs depending on the customer's choice. In addition to CloudFormation, the solution uses AWS Lambda, StepFunctions, CodePipeline and CodeBuild.
- The solution is deployed in multiple regions depending on the customer choice.
- From a security perspective, more than 100 AWS Config rules are applied to every account and aggregated into the security account.
- The **StackZone** solution can help save time by automating the set-up of an environment for running secure and scalable workloads while implementing an initial security baseline through the creation of core accounts and resources. It also provides a baseline environment to get started with a multi-account architecture, identity and access management, governance, data security, network design, and logging.



## Realised Benefits

**Facilitabots** adopted **StackZone** to improve their AWS Workload security, gather documentation in the process, and be able to continue monitoring and managing their infrastructure in a way that is fast, simple and compliant with cloud best practices. They are now able to visualize the state of all their cloud resources in a single centralized place, Monitor their security compliance by using AWS Config Rules and Monitor their monthly cost by using **StackZone**, powered by AWS CloudFormation.

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

Contact Us



“ Relying on an automated, secure and self-healing environment is everyone's dream. Our team now focuses on what's important, our clients

Andres Restrepo, Director of Technology

