nub8

Bolsa Mercantil de Colombia

Consulting for the migration of IT infrastructure to AWS

Introduction

About Bolsa Mercantil de Colombia

La Bolsa Mercantil de Colombia is a scenario for trading agricultural, industrial, mining-energy products and other commodities, in which the clients of the Stock Exchange Commission member companies can buy or sell products, obtain financing or make investments through a Commission Firm.

The Challenge

Carry out a consultancy to evaluate the infrastructure migration project to Amazon Web Services (AWS). Among the tasks defined was the need to carry out the evaluation of the implemented practices and deliver the technical and specialized recommendations regarding the methodology, planning, management, management and experience of the project, the assigned personnel, the tools and techniques implemented for the same. Additionally, carry out constant monitoring of the cloud migration team, supporting the execution of activities and optimizing the procedures performed.

Consulting

Understanding the environment

In this activity, an understanding of the business, the technological environment and the project was carried out, taking into account aspects of business requirements, technical requirements, organizational structure, current environment of IT infrastructure (architecture, applications, virtualized platforms, etc.)

Project plan evaluation

In this activity, an analysis of the project plan was carried out, contemplating the five phases of the Nub8 methodology, including migration preparation and business analysis, portfolio survey and planning, architecture design contemplating the AWS Well Architected Framework, project migration, validation and testing model, cloud operation model.

Evaluation on the Adoption Framework for Migration

In this activity, an analysis was carried out on the elements of the project with respect to the AWS Migration Adoption Framework, considering elements such as the business, the team, the government model, the platform, the operation and the security model.

Identification and support in analysis of the risk level of the Project

In this activity, an analysis was carried out to identify the KRI's and an analysis of these, to identify the risk level of the migration project.

Benefits

✓ Identification of the KRI's of the migration project which were not completely clear

✓ Evaluation of the migration frameworks based on which AWS recommends

✓ Identification of the strengths and weaknesses of both internal and external resources for migration execution

✓ Evaluation of the architecture design for the components to be migrated