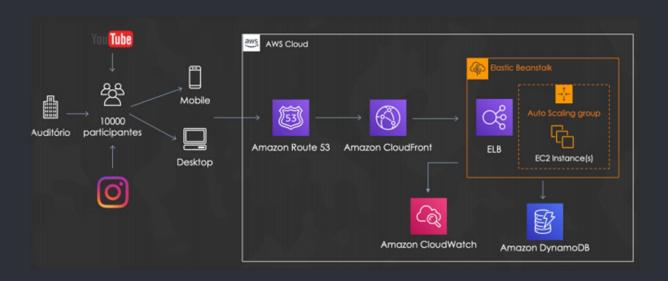
THE CLOUD BOOTCAMP CONFERENCE

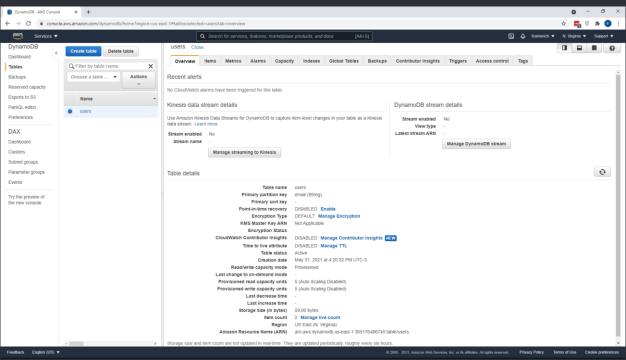
In this project we will make an application that needs to withstand the high demand of a large number of users accessing simultaneously.

This application will be used in "The Cloud Bootcamp Conference", with participants from all over the world. More than 10,000 people are expected to participate, both in person and as online.

Architecture



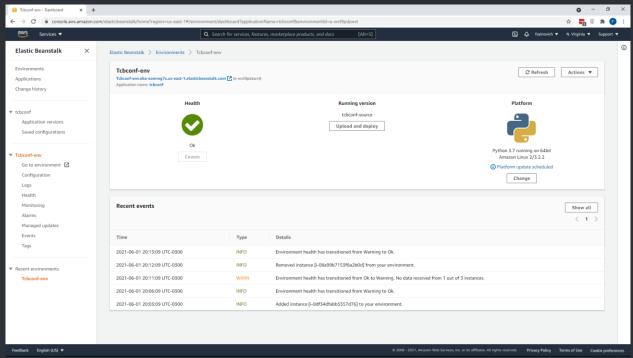
DynamoDB



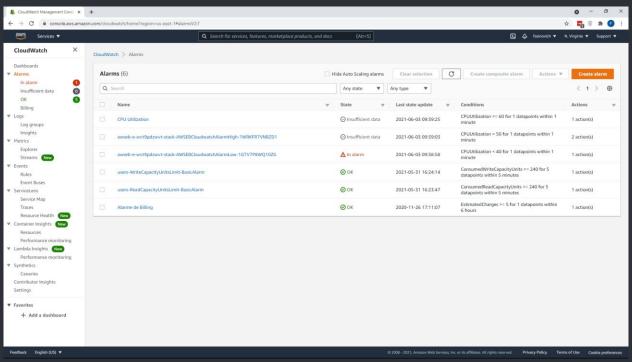
Elastic Beanstalk with:

- Application deploy;
- Instance types;
- Cluster min and max size;
- Load Balancer;
- Rolling updates and deployments;
- Monitoring;
- Managed updates;
- Network and security configurations.

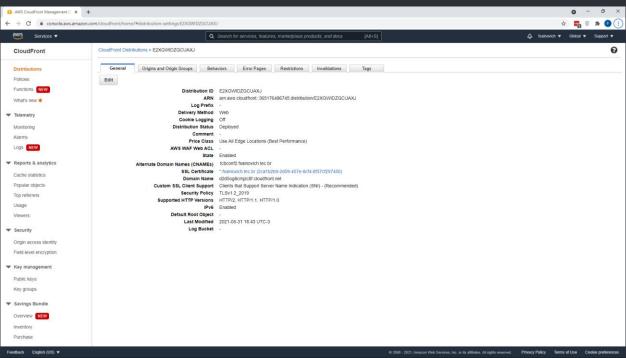
) Elastic BeanStalk

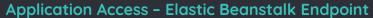


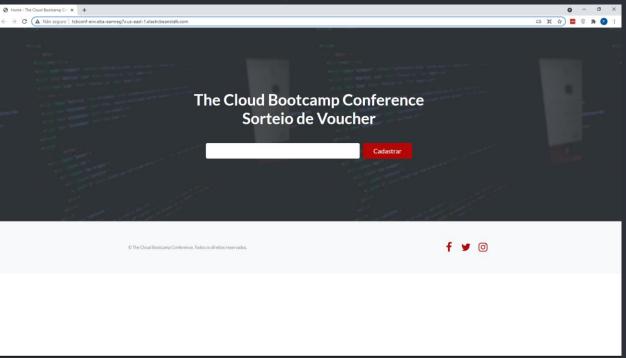
CloudWatch

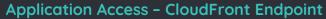


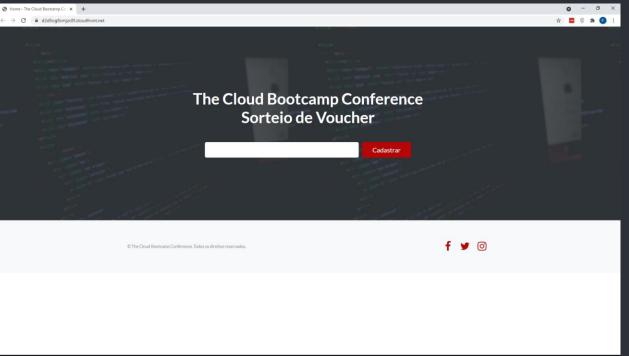
CloudFront + Route53



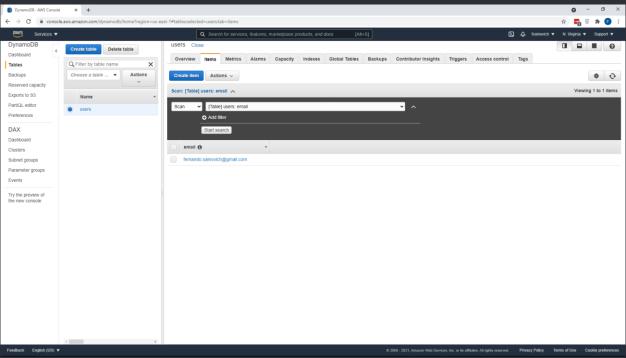




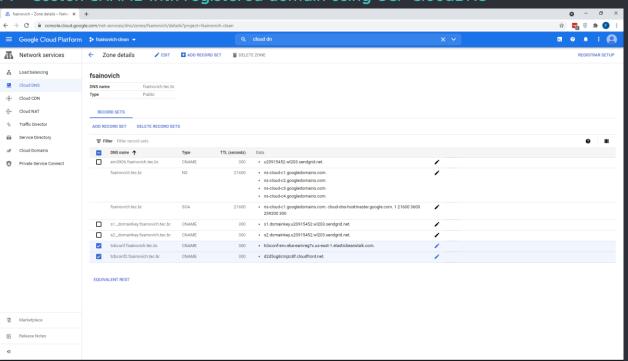


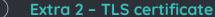


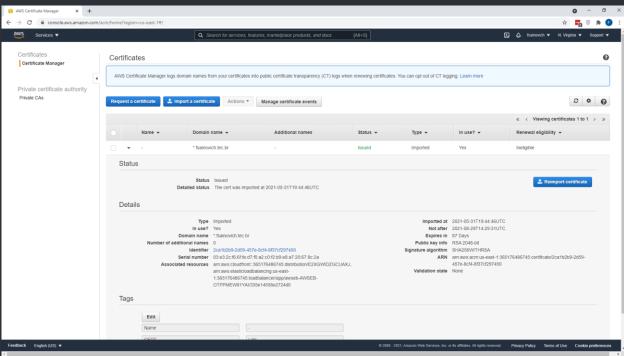
DynamoDB - Data Item



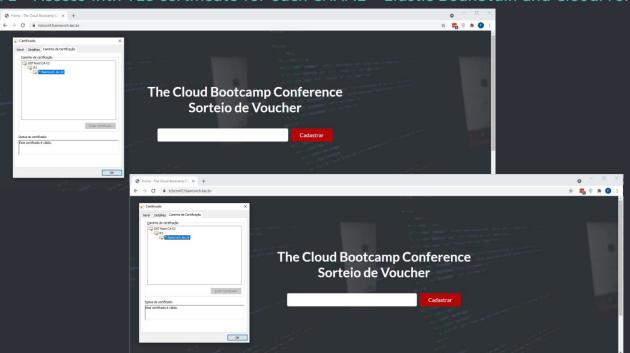
Extra 1 - Custon CNAME with registered domain using GCP CloudDNS



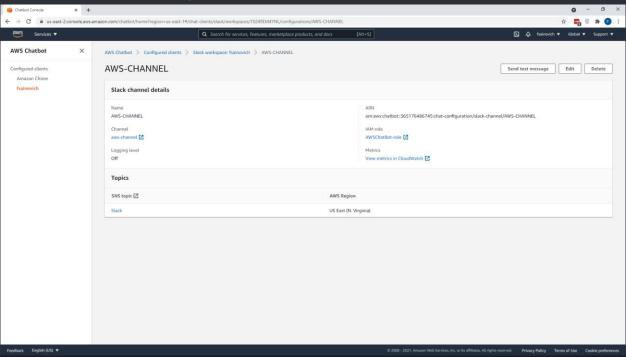




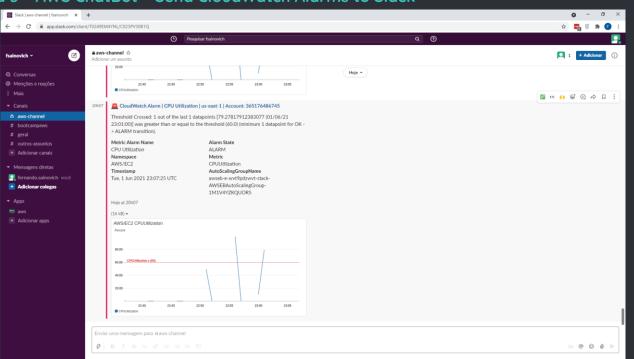
Extra 2 – Access with TLS certificate for each CNAME – Elastic BeanStalk and CloudFront



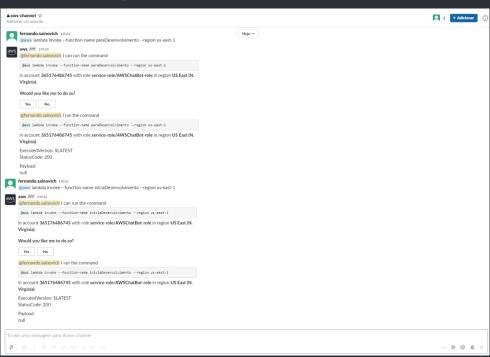
Extra 3 – AWS ChatBot – Integration with Slack



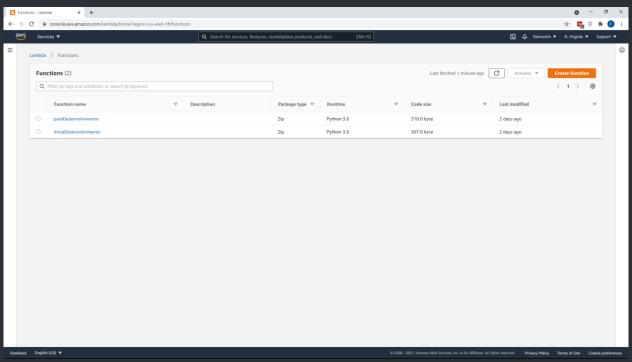
Extra 3 - AWS ChatBot - Send CloudWatch Alarms to Slack



Extra 3 - AWS ChatBot - Using slack to Start/Stop DEV instance with Lambda function



Extra 3 - AWS ChatBot - Lambda Functions



Extra 3 - AWS ChatBot - DEV EC2 Instance states

