Imubit

CloudZone have a team of SA that build the SOW for the project and it was delivered by CloudZone PS

The challenge

they did not use Cloud native solutions and built all on IaaS. But, with this growth came a need to re-examine the environments,tools and technology being used, and Imubit's ability to efficiently control costs, maintain environments and create new Dev applications.Current application stack will be modernized to cloud-native technologies and tools like Docker, Kubernetes, Terraform, CloudSQL.

The solution

Imubit choose GKE for running microservices in production and Dev (implemented with Namespaces), for monitoring and visibility was chosen Prometheus – Cloud-Native monitoring for Kubernetes & VMs with exporters for all kinds of backends used e.g., CoudSQL and AlertManager for alerts routing and deduplication of Prometheus alerts.

The results

Modern, secure, and elastic infrastructure on GCP with efficient cost and low operational cost. Visibility on traffic using Google Cloud Load Balancing and monitoring using Prometheus and Grafana dashboards. IaaC and CI/CD pipelines used to onboard new workloads an easy thing.

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About IMUBIT

Imobit provides an AI process optimization platform for refiners and chemical operators,which executes plants' money-making operational strategies continuously and consistently. The platform interconnects various processing units while aligning planning and economics, process engineering, process control, and operations for closed-loop optimization
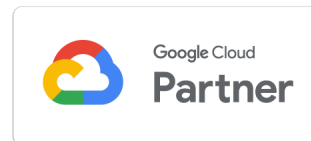
Industry: Software & Internet

Primary project location: Israel

About Matrix IT Cloudzone LTD

CloudZone, Matrix's cloud unit, is a Google Cloud Platform Authorized Services Partner with over 8 years of experience in the cloud.

Products

Google Cloud Platform