

Artifactory Setup & Migration with Google Cloud and ThoughtWorks

Thoughtworks and Gojek began its partnership in 2016 with a goal to jointly build and bring quality services to the market at speed and at scale

The challenge

The client was using an older version of Artifactory as a repository manager in a single node and using a different repository manager for debian packages. This was leading to higher downtime due to high traffic, low availability and single point of failure. The client also faced issues with a difficult to grow local file store and had no proper monitoring dashboard and alerting system.

The solution

Thoughtworks implemented a Kubernetes based high availability solution for artifact repositories which uses external postgresSQL for metadata storage and Google Cloud buckets as binary store to store artifacts. The team used Google Kubernetes Engine (GKE) to deploy the solution and built a Grafana dashboard for monitoring and setup alerts using Google Cloud monitoring.

The results

Today, the streamlined delivery of services gives Gojek the ability to build new services in a matter of weeks, expand to new markets within a week and provision new services in minutes.

The collaboration between the Gojek and Thoughtworks teams have brought together two organizations with similar values, engineering practices, and culture that have delivered innovative, robust, and user-friendly services across Southeast Asia

About GoJek

Gojek is a leading Southeast Asian on-demand, multi-service tech platform providing access to a wide range of services including transport, payments, food delivery, and logistics with a total of more than 130 million total downloads across the region.

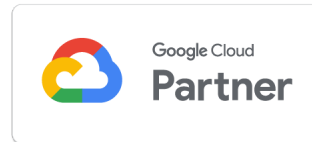
Industry: Other

Primary project location: Singapore



About ThoughtWorks, Inc

ThoughtWorks is a premium global software services company with 25+ years of experience delivering business-critical custom software for enterprises.



Products

Google Cloud Platform