Xfinite - Eros Now Migration

Migrate Eros Now's infrastructure from Azure & AWS to GCP. This migration includes moving Kubernetes and VM applications, 850+ TB of S3 Data, MySQL and PostgreSQL databases, and integrating a media CDN for improved performance.

The challenge

The Azure infrastructure was in a stopped state, with no access to the core development team who originally built the platform. The significant challenges was in understanding the architecture. Massive data stored in AWS Glacier required moving to normal S3 storage before migration. Setup of multi-region Kubernetes environment. Single Load Balancer & Domain for Kubernetes and Virtual Machines.

The solution

We implemented multiple methodologies to run the app on Kubernetes and VMs using Packer for VM image creation then moved data from AWS Glacier to S3 for efficient migration also we configured a multi-region Kubernetes setup, and integrated a unified load balancer and domain for both Kubernetes and VM environments, ensuring seamless operation on GCP.

The result

Wohlig successfully migrated Eros Now's infrastructure to GCP, achieving improved performance and scalability. The Kubernetes and VM applications now run smoothly, and the data migration was completed efficiently. The multi-region setup with a unified load balancer and domain ensures reliable and fast access. This migration has optimised operations and enhanced the user experience on GCP.

> " I want to express my gratitude to the Wohlig team for their exceptional support during our GCP migration. Chirag and Chintan's leadership and expertise in Kubernetes, storage, and cloud services were vital to our success. The team's dedication, proactive problem-solving, and implementation of best practices significantly improved our operations. We look forward to continuing our partnership. "
>
> Sameer Koli, Head on Engineering, Xfinte Technologies

About Xfinite - Eros Now

Eros Now is a leading Indian OTT(over-the-top) video streaming service by Eros International, offering a vast library of Bollywood and regional Indian movies, TV shows, music videos, and original content. Catering to a global audience, it provides diverse genres in multiple languages, accessible on smartphones, tablets, smart TVs, and web browsers.
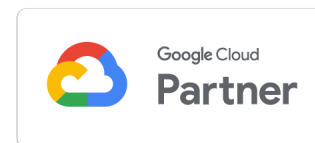
Vertical/horizontal solution: Media & Entertainment

Primary project location: India

About WOHLIG TRANSFORMATIONS PRIVATE LIMITED

Founded in 2015, Wohlig Transformations Specialises in Cloud Infra Migrations and Dev-Ops services having a team of 160+ members across India,UK & UAE

Products

Google Cloud Platform