

Azul - GCP Infrastructure & Auto-Scaling Deployment

CloudWerx consultants were brought in to replicate and deploy Azul's current workloads into GCP. By doing so, CloudWerx also needed to provide a solution that was able to auto-scale and perform better than their current setup.

The challenge

Azul stated goal of achieving "lightning fast" autoscaling for their Kubernetes clusters. They had an incredibly spiky server load profile that achieved desired results in a matter of several minutes as opposed to the preferable several seconds. The customer needed a quicker solution in GCP that was able to handle their load spikes.

The solution

Azul's primary need was to explore a better solution in GCP, CloudWerx was able to create a GKE Standard cluster for the customer to benchmark the load testing on GKE. The goal was to get similar or better performance as their current setup. We met the goal by choosing the compute-optimized machines on the GKE node pool.

The results

As a result of replicating their existing infrastructure on GCP, Azul was able to have a secondary environment in GCP with the same, if not better, performance in GCP. The customer was thrilled to have a safe, secure and fast environment now set up in GCP that they can trust to meet all performance requirements.

CloudWerx was able to provide insight and hands on keyboard work to deploy a better auto-scaling solution on GCP.



About Azul Systems

Azul is the only company 100% focused on Java, delivering the most trusted Java platform to the modern cloud enterprise. We provide the world's best commercial support for OpenJDK to our customers by prioritizing their success, maintaining our unwavering commitment to innovation and excellence, and advancing Java through community leadership.

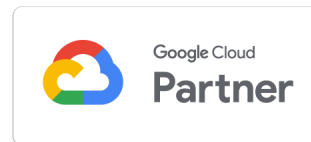
Industry: Software & Internet

Primary project location: United States



About CloudWerx Inc

CloudWerx is an engineering-focused GCP Resell & Service Partner that provides the most elite technical resources to solve the toughest challenges.



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