CASE STUDY: CLOUDENSURE

HANDLING 6X LOAD WITH 100% AVAILABILITY USING ADVANCED PREDICTING & MONITORING

CloudEnsure's real-time advanced monitoring agent and Powerup's 24*7 managed services & support team used to predict and monitor one of the largest online shopping festivals in Indian e-commerce ecosystem.

The customer

The customer is one of the largest e-commerce companies in India with an average of 60,000 transactions per minute on their platform.

What is the problem statement?

The customer was planning to launch one of the largest e-commerce festivals in India, on similar lines to the Singles Day of Alibaba.com. But such a massive exercise required 100% availability of their cloud systems and a highly pro-active managed services operations model to keep the systems functioning.

How did CloudEnsure help fix this problem?

CloudEnsure's Real-time Cloud Monitoring Platform was chosen as the primary monitoring stack by the customer. The push-based agents of CloudEnsure brings in an added layer of security as this doesn't require the servers to open the ports for inbound traffic like majority of cloud monitoring systems require. CloudEnsure was activated 30 days before the actual sale day. This allowed CloudEnsure to track the metrics, analyse the application and infrastructure behavior, and plot the problem points which made the failure predictions easy.

Benefits to the customer?

On the big day, the customer experienced almost 8,000 requests per second at the database level and almost 40,000 requests at the application level. This was 6 times more than the average load the customer has ever experienced. The e-commerce festival ran with 100% availability the entire duration and this was a major milestone in evolution of Indian e-commerce.

CloudEnsure
CLOUD GOVERNANCE PLATFORM

Cloudensure is an intelligent Cloud Management Platform, which allows you to manage, analyze & monitor your AWS environment. Get realtime reports & insights into your cloud spending, global best practices & resource utilization, along with corrective actions to fill the gaps.

Run reports to get insights on your environment at the most granular level. Generate aggregate reports to understand overall utilization.

With the Cost Analytics module, get insights into your resource utilization, what is the optimum utilization of resources, optimize your spend on AWS instantly.

Analyze changes instantly on your AWS environment, track changes at various levels for audit & security reporting.

Measure your environment setup against globally accepted compliances, including HIPPA, GDPR, PCI-DSS, MAS & ISO.

AWS Well Architected Framework

Get realtime reports on your AWS cloud health against the five pillars of WAF, along with corrective actions for the gaps.

Cost Analytics

Monitor your spend on AWS, with detailed metrics on resource utilization, optimum sizing &reduction in overall costs.

Dashboards & Insights

Real-time reporting on multiple metrics, including Security. View insights into your overall Cloud heal that granular & aggregate levels.

Global Compliance Check

Constantly monitor your environment against globally accepted compliances such as HIPPA, GDPR, PCI-DSS. Generate audit reports automatically.