

ByondXR Leverages 9Acts AWS Expertise to Take Further Steps into the Metaverse

Summary

Leveraging 9Acts cloud expertise and innovative skills, ByondXR has modernized its cloud container environment and infrastructure to Amazon EKS and accelerated its CI/CD process to keep up with the startup's rapid growth within the metaverse and in e-commerce, while remaining cost-efficient and aligned with AWS best practices.

About ByondXR

ByondXR is a retail-tech company that developed a proprietary e-commerce platform to help brands, retailers, and wholesalers create unique virtual experience and enter the metaverse, while increasing conversion rates, boosting sales, and retargeting KPIs.

Challenge

As a Platform-based company providing real-time traffic-sensitive services to the virtual stores, ByondXR relies heavily on optimal traffic routing, real-time responsiveness and cost-optimal utilization of cloud resources. This setup also requires industry-standard DevOps best practices, including infrastructure as a code and automated deployments, along with industry-standard compliance requirements.

Solution

9Acts implemented EKS solution as a Kubernetes orchestration platform within AWS, allowing them to speed up deployments, better scalability, granular control over traffic and to run multiple containers on a single ec2 instance. 9Acts also implemented CloudFormation based Infrastructure-as-Code automation solution, allowing to quickly create, configure and manage Kubernetes clusters on AWS. This solution, in conjunction with 9Acts ongoing support and management, allows ByondXR to enjoy Kubernetes' powerful automation, deployment, and scaling capabilities while short-cutting the steep learning curve the system normally requires.

9Acts has adjusted the company's architecture to better comply with AWS best practices, modernized its container infrastructure and improved its security posture, while offering ongoing and proactive cloud cost optimization services. To improve ByondXR overall security posture and Operational excellence, 9Acts has automated security checks and alerts, leveraging Amazon Security Hub and Amazon Event Bridge.

Results

Leveraging 9Acts as their trusted AWS partner and managed service provider, ByondXR now benefits from repeatable container deployment and safe container management, improving its overall digital transformation strategy to provide brands, retailers, and wholesalers the smoothest entry into the metaverse.

