RAFAY

SaaS Applications Scaling

Challenge

Software-as-a-Service (SaaS), already the consumption model of choice for customer relationship management and human resources management offerings, is quickly becoming the preferred model for security solutions, online gaming, enterprise applications, entertainment services, IoT platforms, and more. And SaaS providers must maintain the goal of delivering a high performing, engaging experience to all users, regardless of where users exist globally.

A successful SaaS offering is usually deployed in more than one geographical area, and SaaS providers are forced to invest in developing and operating their application infrastructure globally. Building the core application logic is a direct result of the SaaS providers' unique insights and intellectual property. But the infrastructure related to maintaining a global presence challenges the provider to invest in skill sets that span infrastructure, network operations, application deployment and availability, and much more.

Google, Amazon and a handful of other companies can invest in a global infrastructure footprint and a scalable application deployment platform. But for everyone else, there is a heavy price to pay for success.

How do you build a platform that can span the globe, is secure, scales and deploys applications automatically in minutes, places applications close to users to ensure low response times and provides all the requisite tools to manage your application's lifecycle?

Solution

Rafay empowers developers to improve application performance and deliver heretofore impossible, dynamic end user experiences - without any DevOps effort.

Called the Programmable Edge™, Rafay's platform enables developers to deliver these highly engaging user experiences by automatically deploy latency-sensitive workloads (packaged as containerized microservices) closers to endpoints without the need for building an in-house platform or developing any specialized compute distribution capabilities. As a result, developers are free to scale their SaaS offerings and ensure the application's response time is consistently low for all users.

The platform delivers powerful yet easy-to-use APIs for deploying microservices worldwide in minutes. Enterprises can leverage Rafay's multi-tenant network to gain instant access to global locations close to end users or deploy Programmable Edge technology in their own private edge application network.

Benefits

- **On-Demand Expansion of Your Application's Global Footprint:** All traffic from endpoints is handled by your containerized microservices, which are dynamically placed close to endpoints.

- **Highly Improved End User Experience – Globally:** Distributed API routing, global load balancing, end point authentication and policing ensure that end users experience a consistently high performing application.

- **Developer-Friendly Application Lifecycle Management Tools:** A suite of application life cycle features empower developers to deploy microservices to the large number of edge clusters without worrying about internally developing code and artifact deployment, log aggregation, and a variety of other tools.

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