

Enabling Metering as a Service for AI/Analytics Platform on AWS

Transforming MapR's SaaS to SaaS 2.0 by adding usage-based metering on AWS without any coding.



MapR Technologies, provider of the industry's leading data platform for AI and Analytics, enables enterprises to inject analytics into their business processes to increase revenue, reduce costs, and mitigate risks. MapR addresses the data complexities of high-scale and mission critical distributed processing from the Cloud to the edge, IoT analytics, and container persistence.

MapR tracks the application usage for hundreds of their customers. As such, MapR required both a strategy and a solution for billing their customers based on the individual application usage of each customer.



Challenges

- ◆ MapR is a non-SaaS application deployed on customer environment.
- ◆ Usage data of all customers are stored centrally in AWS S3 Bucket by MapR application. Incoming data rate is usually in GB per minute.
- ◆ Customer data of MapR resides on Salesforce.



Result

Upon completion, MapR was very excited, and satisfied, about the capabilities that Corent's SaaSMeter™ offered their application to better monitor, analyze, and serve their customers. It allowed MapR to offer subscription-based, flexible, or dynamic pricing models to their customers. The metering solution was merged with the existing MapR application setup without any development effort, thereby avoiding any business impact on customers.



Project Overview

MapR collects usage data from distributed customer deployments, storing the data in a centralized data store. With this objective in mind, MapR wanted a "comprehensive metering platform", enabling their customers to all creatively adopt a usage-based monetization model for their customer bases. In this regard, SaaSMeter™ was able to provide the requested metering solution within a few days.



Solution

- ◆ Assembled readymade SaaS Metering options for MapR application in SaaSMeter™.
- ◆ AWS Lambda functions used for data translation and correlation with Salesforce. This provided a reliable and scalable data management solution.
- ◆ Data streams defined in SaaSMeter™ for different data sets based on business goals, along with periodic aggregation rules (sum/average/peak of usages for daily/monthly periods).
- ◆ Metering components setup in SaaSMeter™ to define usage costs (\$50 per month for 1 TB of storage, \$100 for gold client type, etc.) for different application features.
- ◆ Multiple subscription plans were created in SaaSMeter to standardize application offerings with dynamic pricing models.
- ◆ Based on usage data, SaaSMeter™ generated invoices for customers that reflected recurring cost and itemized-usage cost.

Your path to smarter billing starts here—Explore SaaSMeter™ today!

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