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Use Case: Network Monitoring and Forensics

Challenge

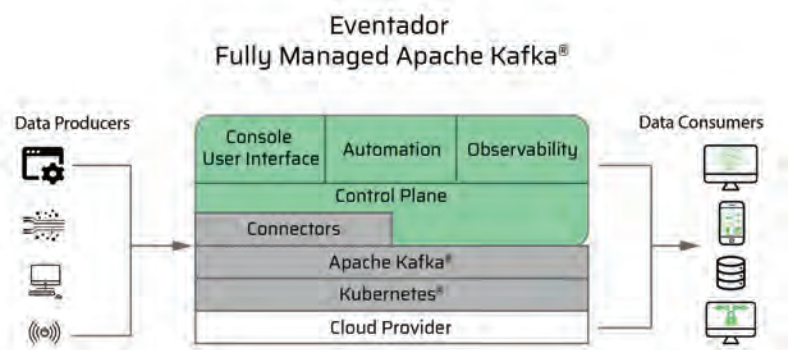
Having a secure, reliable and easily scalable stream processing stack is a requirement for any network monitoring and forensics company. Any lag in monitoring the network, detecting an intrusion and mitigating the issue can be detrimental. Which is why an Eventador customer in this industry looked to an Apache Kafka-based system as the basis for their real-time network monitoring solution.

This user required a simple and very reliable way to ingest a massive throughput stream of network packet metadata from customer sensors. From there, they needed to be able to analyze this data for anomalous events in near-real time in order to provide ultra-low latency network traffic threat management. To do this, they looked for a managed provider to deploy and support a robust and growing stream processing stack.

Reliability, scalability, security and high-touch support were main concerns when selecting a fully managed Apache Kafka provider due to the nature of the data streams being analyzed.

Solution & Results

Eventador's Fully Managed Apache Kafka is a robust stream processing stack deployed in the customer's AWS account and VPC peered to their applications. Eventador deployed the Fully Managed Apache Kafka stack to meet the customer's requirements of a solution that could serve as the basis for a full machine learning/artificial intelligence platform by streaming millions of events per second. Additionally, they needed a platform that was highly secure and highly scalable to easily handle current customer network traffic growth as well as new customer demand.



With the customer's deployment of Eventador's Fully Managed Apache Kafka platform, Eventador delivers 24x7x365 hands-on support from a team of expert engineers. This ensures the customer has around-the-clock access to a team that will monitor, troubleshoot, and implement fixes should any issues arise—so the customer can trust that their critical systems will work, as expected, at all times.

Go ahead, stream all the things.

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