InfluxDB for Metrics as a Service

Metrics as a Service is a concept that combines centralization resource efficiency, overhead offload and maximum value extraction from the data collected organization-wide. All data converging to one platform, available in one pane, allows much richer visualization and analytics across multiple data sources and data types. InfluxDB has become the preferred platform for centralized monitoring of metrics, events and key business indicators, for metrics as a service.

InfluxDB for network performance monitoring

When network speed degrades or connectivity fails, the data flow sustaining applications and IT operations will struggle or halt along with the network. Networks — the lifeline of IT infrastructure — are dynamic environments. They require monitoring to deliver consistent, predictable network performance. Dealing with so much monitoring data, it can be easy to be consumed by it. However, there is a way to effectively manage your IT infrastructure, by centralizing, analyzing, and automating it. InfluxData enables you to do this with its network monitoring tools. Its collection agent Telegraf, with 200+ plugins, supports protocols such as ICMP/Ping, SNMP, NetFlow, SFlow, and Syslog. InfluxDB, for its part, contains a powerful query engine for processing multiple data sources in real-time. To gain the necessary visibility in the status, performance and responsiveness of all network devices in their enterprise, cloud or hybrid application environments, enterprises are deploying the InfluxData platform for network performance monitoring.

InfluxDB for stream processing

Stream processing is the processing of data in motion. It unifies applications and analytics by processing data as it arrives, in real-time, and detects conditions within a short period of time from when data is received. The key strength of stream processing is that it can provide insights faster, often within milliseconds to seconds. Stream processing naturally fits with time series data, as most continuous data series are time series data. And time series data needs a purpose-built database to ingest, store and process it. This is exactly what InfluxDB is. And this is why, given its high-write throughput and the scalability it allows, InfluxDB suits stream processing.