

Common Gaps with APM Tools

Reported by DevOps Teams



Limited Data Retention

APM tools are designed for fast analysis of recent (< 30 days old) and smaller data sets. Longer retention becomes expensive, creating analytical blind spots that negatively impact use cases like root cause and long-term trend analysis.



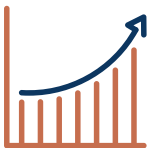
High Storage Costs

APM tools often add metadata and parse log data into record fields to support analytics initiatives. This inflates the aggregate size of log data, leading to higher data storage costs. DevOps teams are ultimately forced to choose between shouldering these inflated costs or reducing them by decreasing log retention.



Data Privacy and Security Compliance

DevOps teams that are required to retain ownership and control of sensitive data can encounter compliance challenges that result from moving data between cloud storage and a SaaS APM platform.



Data Movement + Multiple Data Copies = Increased Costs

APM tools often require DevOps teams to capture and aggregate logs in cloud storage before sending them to a SaaS APM tool. This results in data storage and egress costs from the cloud service provider, plus data ingest and storage costs from the APM SaaS provider. As log volumes grow, these costs become prohibitive, which eventually leads to data retention trade-offs.