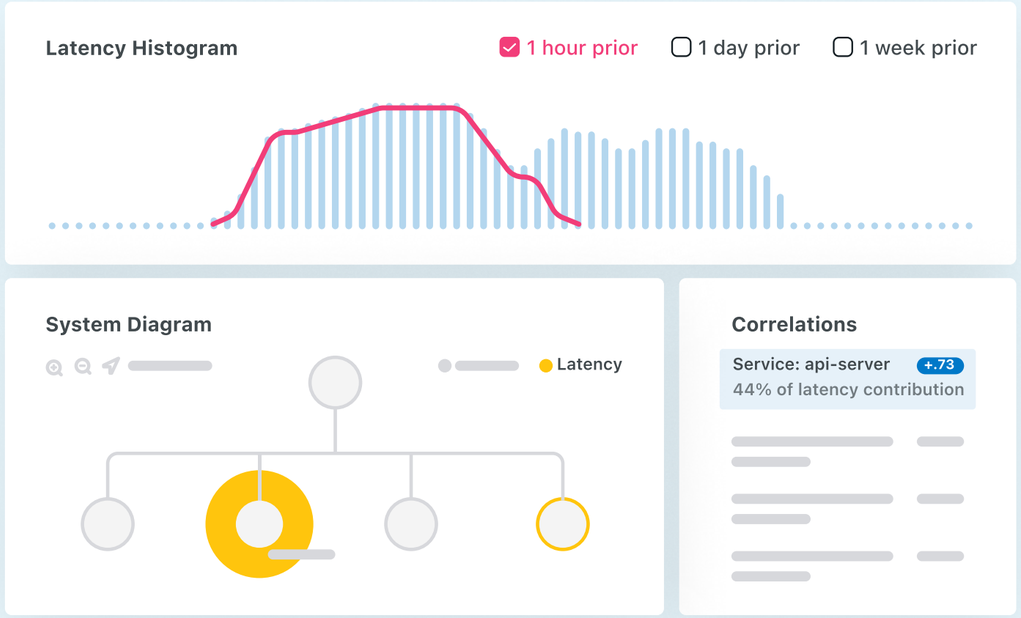
Why choose Lightstep over DIY

Lightstep enables teams to detect and resolve regressions quickly, regardless of system scale or complexity. We integrate seamlessly into daily workflows, whether you are proactively optimizing performance or investigating a root cause, so you can quickly get back to building features.



	Lightstep		DIY (Jaeger / Zipkin)
Sampling	Access to every trace, with no sampling, and no charge for accessing traces	○	Random head based sampling to draw conclusions from a subset of data
Service diagrams	Lightstep generates real-time service diagrams, both high-level and granular (i.e. at the system-wide and operation level).	◔	System wide, only maps basic request flow
Aggregate level trace analysis	Lightstep enables developers to capture snapshots of all traces + analysis capabilities at a given point in time within a given recall window and is stored indefinitely.	◔	Can compare two individual request traces (not available with Zipkin)
Visibility into 100% of request traffic	Live-query all traces with a fully configurable recall window	○	Not available
Application metrics with alerting	LS has native alerting built-in to the platform AND also allows you to integrate with your alerting solution of choice.	◔	Jaeger alerting requires multiple components and configurations to work optimally. (not available with Zipkin)
Log analysis	Lightstep enables automatic root cause analysis of latency and error regressions across services, operations, tags and logs attached to spans, in 3 clicks.	○	Focus is on traces, ignoring the other pillars of observability
Customer support	World class customer success including an assigned engineer providing support, training, and best practices.	○	Not available