

Observability mythbusting

Separating fact from fiction

Observability is an indispensable solution for DevOps, SRE, Platform, ITOps, and Developer teams, offering deep visibility into modern distributed systems for faster, automated problem identification and resolution.

Yet as powerful as observability is, several misconceptions and outdated practices cloud its enormous value. Here are the most common myths – along with the facts – to help you separate fiction from reality.

1

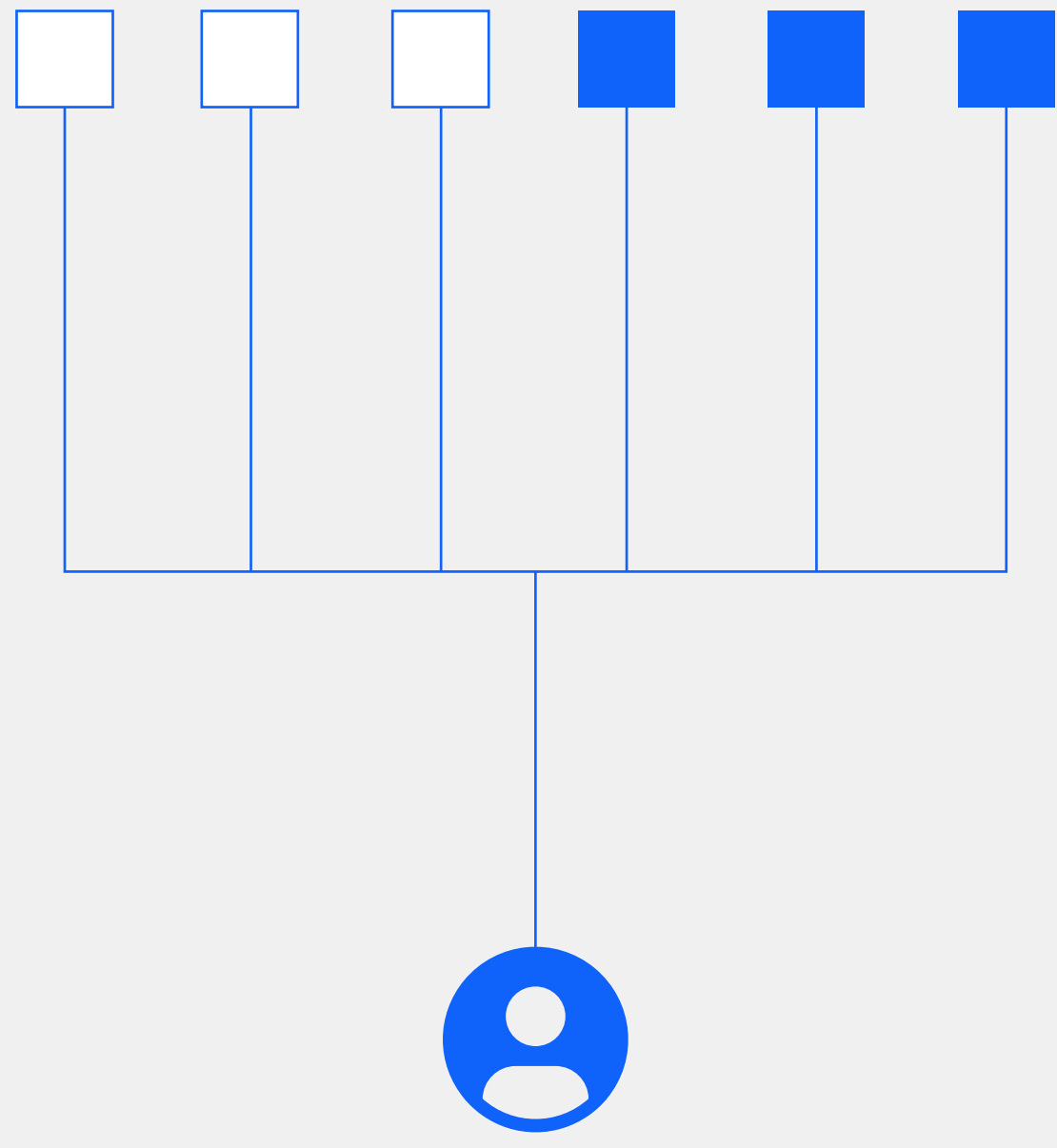
Myth

You skip monitoring and rely on logs and traces

Fact

Relying on only logs just means you are going too slow. Monitoring your systems is critical. Advanced solutions provide real-time monitoring capabilities. Instana will correlate all the signals to get a holistic view of your system, eliminating the need for extensive logging, and automatically capture necessary data.

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3

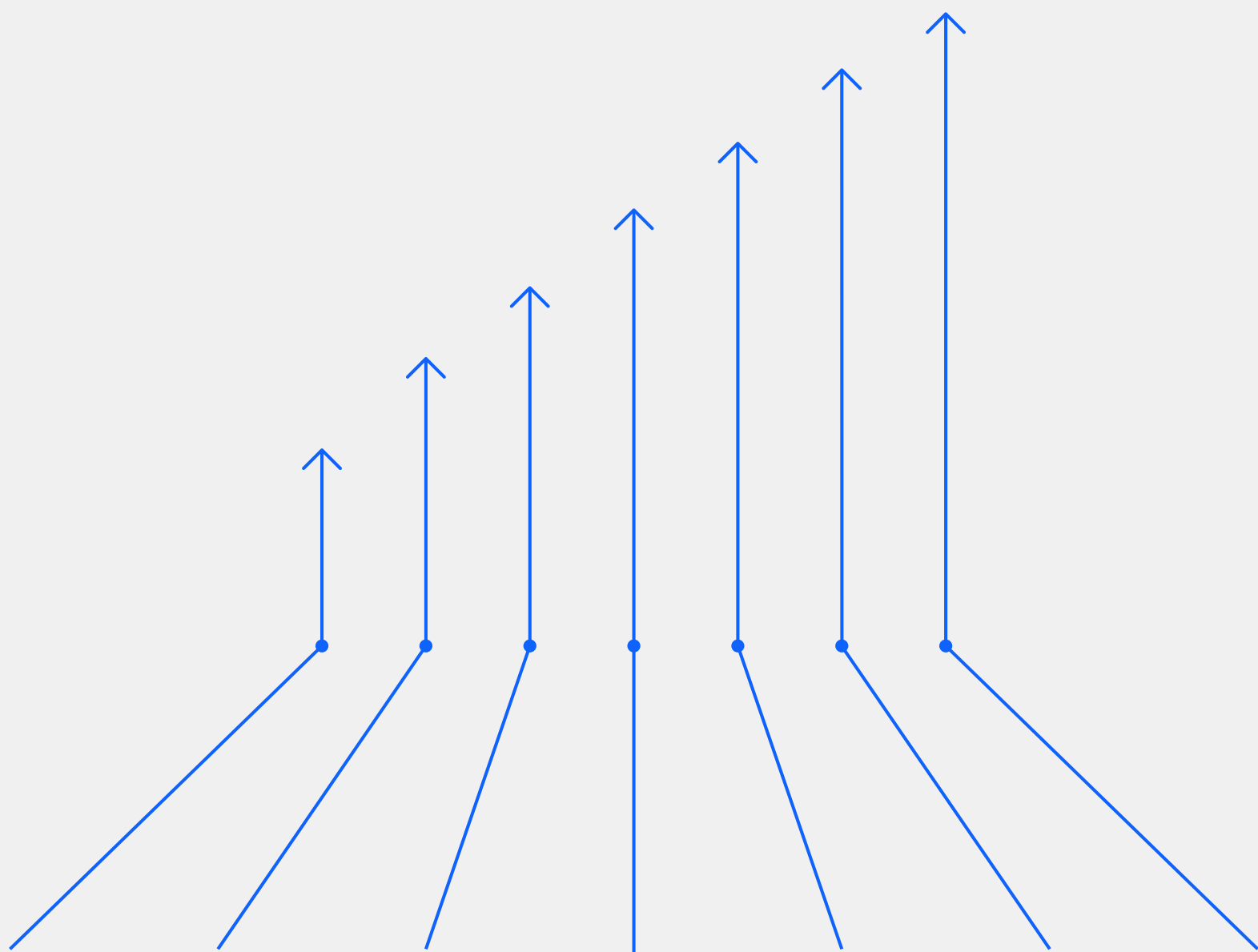
Myth

Observability is only useful for large-scale systems or complex architectures

Fact

Observability helps systems of all sizes. It is valuable for everything from small applications to large-scale distributed architectures. Observability provides proactive monitoring and early detection of anomalies.

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2

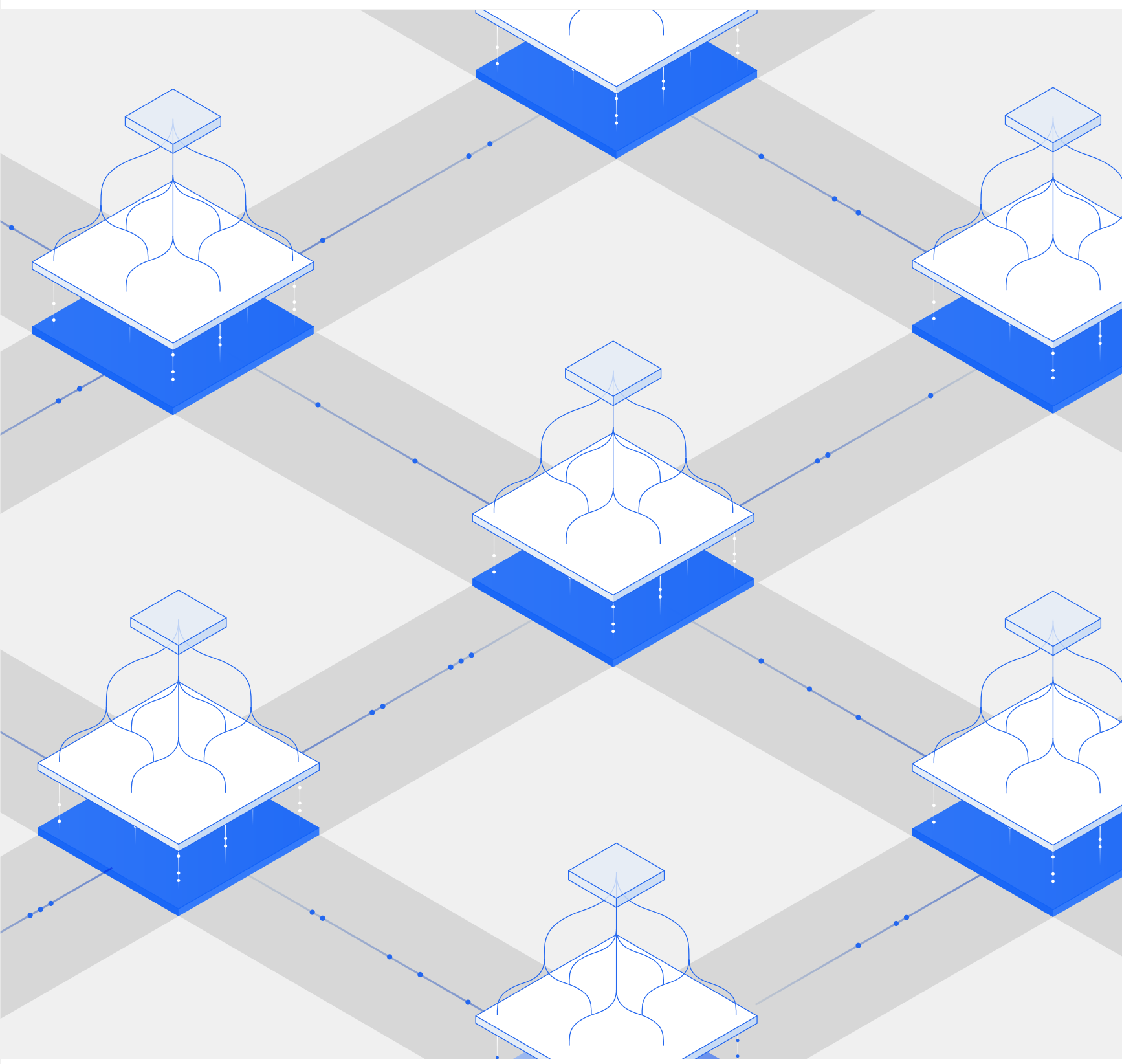
Myth

Observability is built for only SREs

Fact

Observability benefits all teams. DevOps, SRE, Platform, ITOps, and Development teams deserve access to data with context across various components, enabling immediate feedback and issue identification.

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4

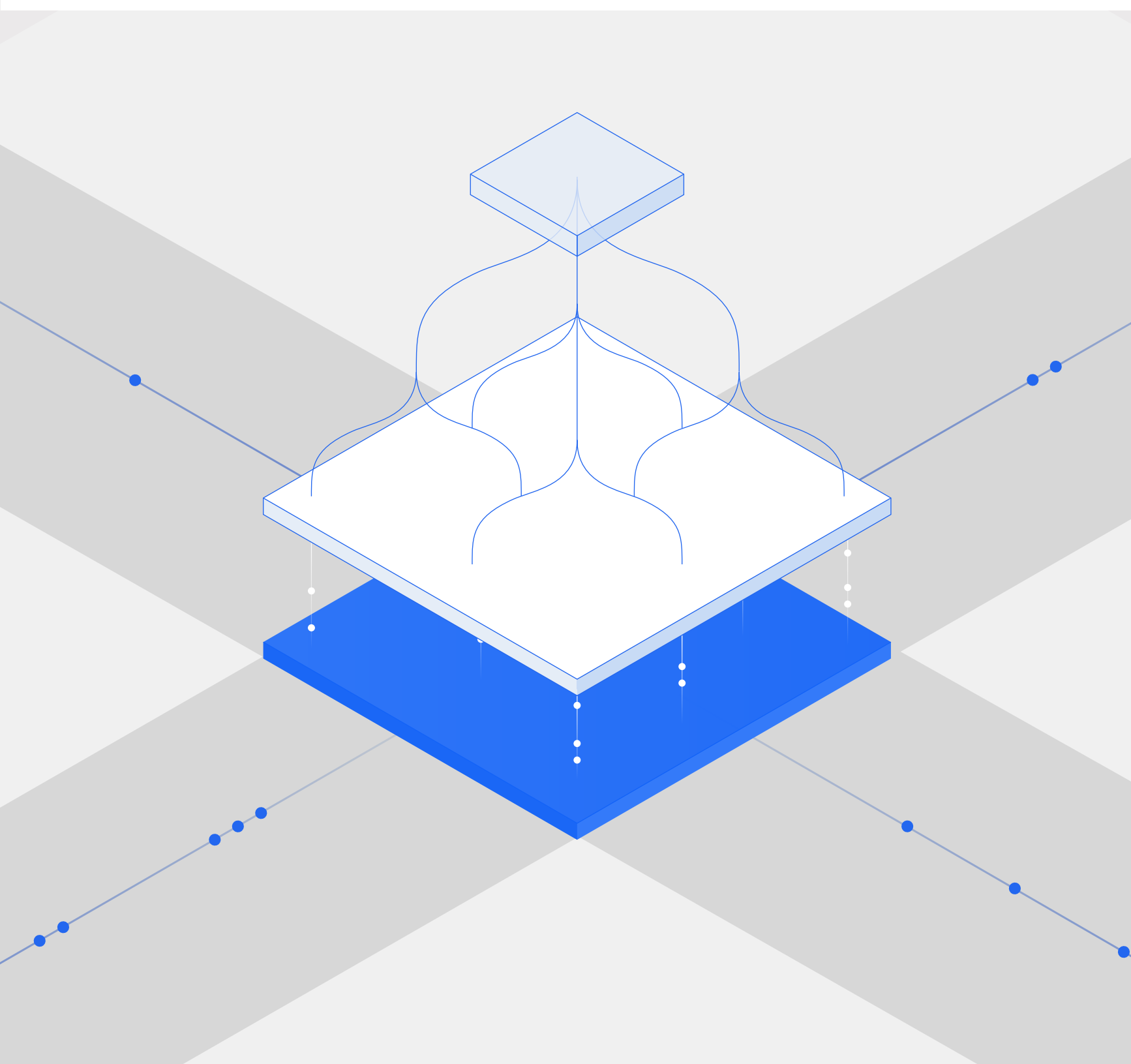
Myth

Observability is expensive

Fact

Observability can be affordable. Various pricing models exist, including fixed subscriptions and open-source solutions. Understanding the total cost of ownership helps you choose a suitable solution.

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5

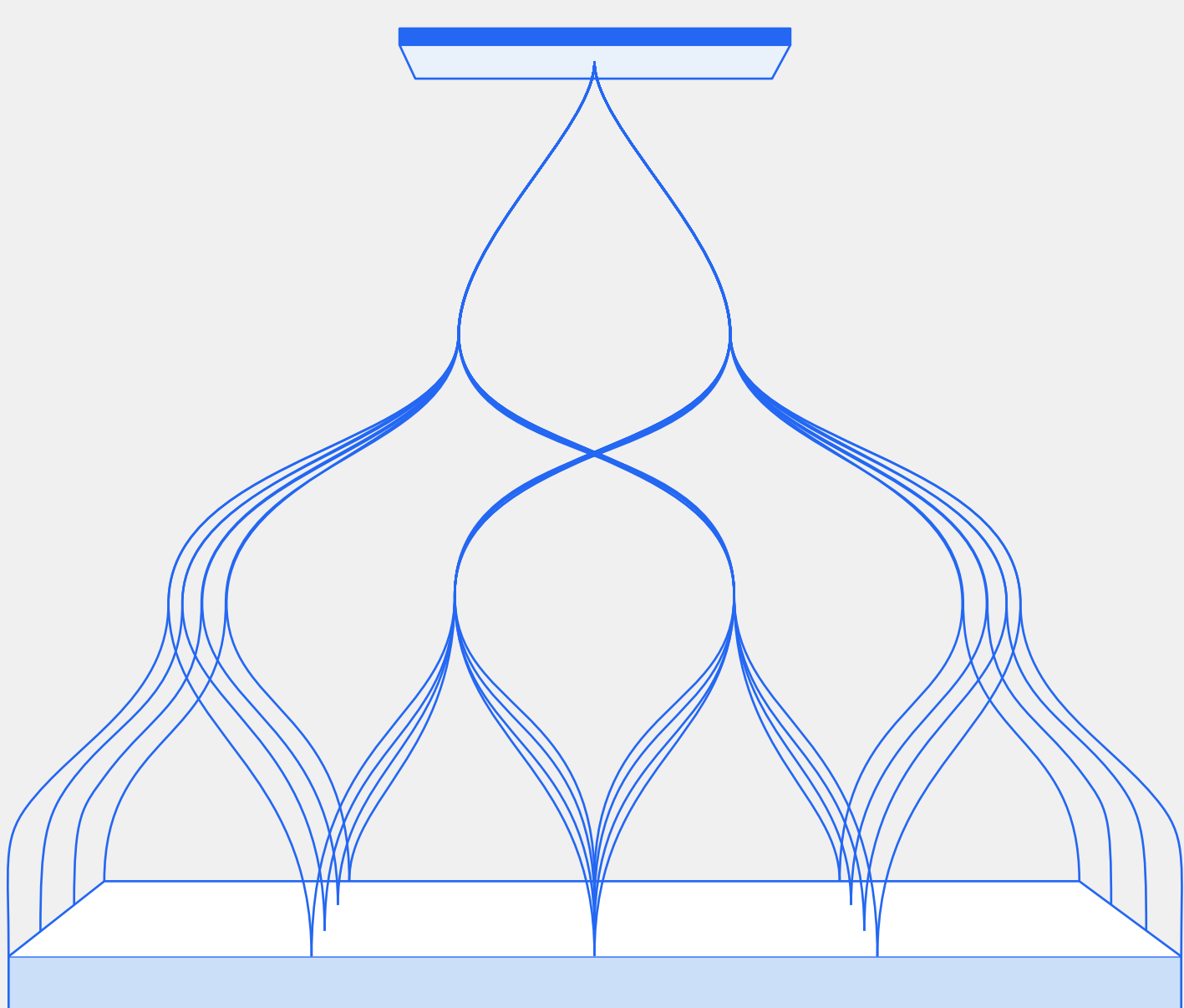
Myth

You can create an observable system without observability-driven automation

Fact

Automation is crucial in modern IT organizations, including observability. Automated setup and installation reduce errors and deployment time. It streamlines root-cause analysis and improves resolutions.

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6

Myth

Observability is about one part of your stack

Fact

Observability is applicable from mobile to mainframe. It is applicable across various platforms, including mobile, web, cloud, and mainframe systems, as it encompasses a wide range of technologies and environments.

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