



As the growth of data continues to rise exponentially, it's no surprise that 96% of businesses – including 99% of Fortune 500 companies¹– utilize open source software¹ to fuel business growth.

Open source is transforming the way data is managed, stored and analyzed. And with open source's inherent flexibility and innovative capabilities, it's becoming a critical enabler for modern data flow management.

67% of enterprises increased their use of open source software²

- Cost efficiency** – Reduction in licensing costs and infrastructure spend
- Visibly and control** – Robust monitoring and analytics tools that provide real-time visibility
- Flexibility** – Ability to customize technology to specific business requirements
- Unparalleled security** – Backed by a strong and active community, open source remains the leader in keeping data infrastructure secure

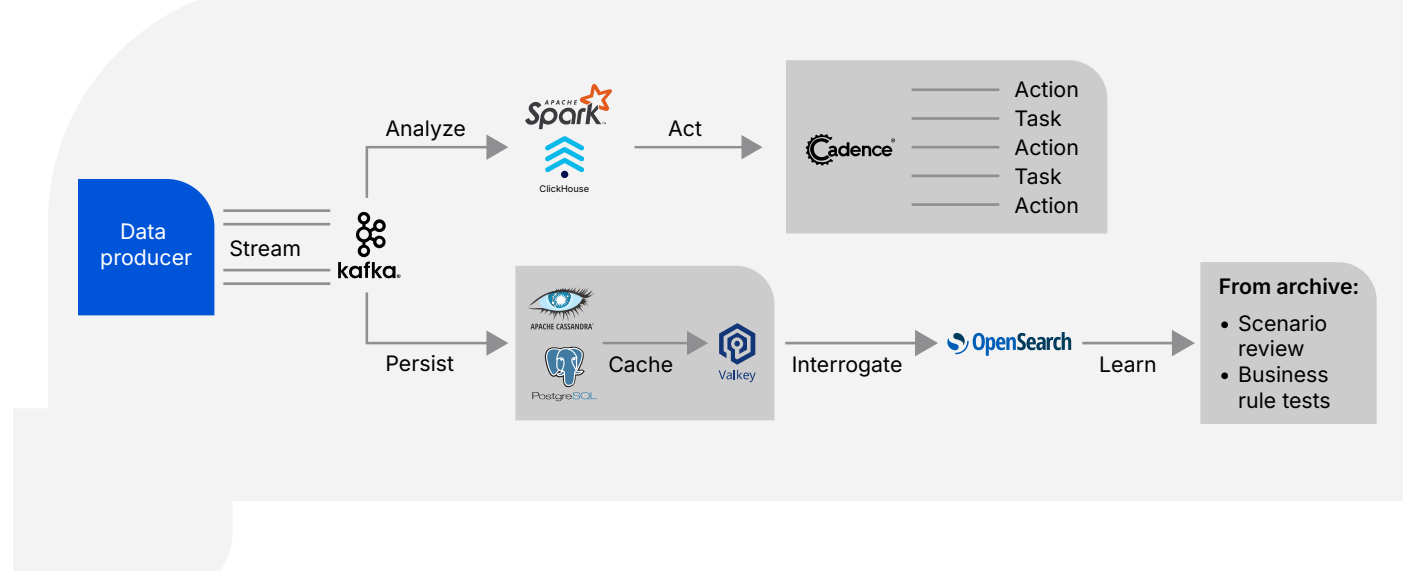
Despite its advantages managing data infrastructure, open source comes with its own challenges³

Here's what companies noted:

- 30%** Highlight **security concerns** as the top challenge organizations face
- 25%** Lack the **internal skills** required
- 24%** The **lack of product vendor support** is a constant painpoint
- 21%** The ongoing challenge of **compliance requirements** from regulating bodies

The modern approach to STREAMLINING DATA FLOW MANAGEMENT

Despite the complexity of open source, enterprises that design data infrastructures with a strategic partner can build any number of data flows based on business requirements. Here's an example:



BALANCING INNOVATION With management

To fully harness open source in their data flow management strategies, organizations of all sizes and industries are turning to **managed open source platforms**.

These platforms simplify the operational complexity by offering automated patching, updates and scaling. They also provide faster deployment and expert support, freeing IT teams to focus on business value rather than technical maintenance.

NETAPP INSTACLUSTER
Store. Stream. Search. Analyze. Orchestrate.

- 18+ Petabytes of data under management
- 24x7 Support
- 400M+ Node hours of management experience
- 100% Open source
- Available on NetApp storage

The future of data management lies in harnessing the power of open source. With solutions like NetApp Instacluster, your business can confidently take control of its data, reduce complexity and unlock new possibilities.

Whatever you need your data to do, Instacluster has the open source solution.

- Store:** PostgreSQL, Apache Cassandra, Valkey
- Stream:** Apache Kafka, Kafka Connect
- Analyze:** Apache Spark, ClickHouse
- Search:** OpenSearch
- Orchestrate:** Cadence, Apache ZooKeeper

Ready to design and manage an open source data infrastructure for your data solutions?

[Schedule a demo](#)

Read more > IDC Analyst: Solving open source complexity with a managed platform

¹Should Businesses Trust Open Source Software?: The Open Source Dilemma, September 23, 2023
²IDC Analyst Brief: Solving Open Source Complexity with a Managed Data Infrastructure Platform
³OpenSourceforu.com, Open Source on the Rise: Insights from a Survey, February 9, 2024