



Architecture Diagrams

Observability with Logs, Traces, and Metrics



Observability with Logs, Traces, and Metrics: Architecture Diagrams

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Table of Contents

Logs, Traces, and Metrics **i**

Observability with Logs, Traces, and Metrics 1

Further reading 2

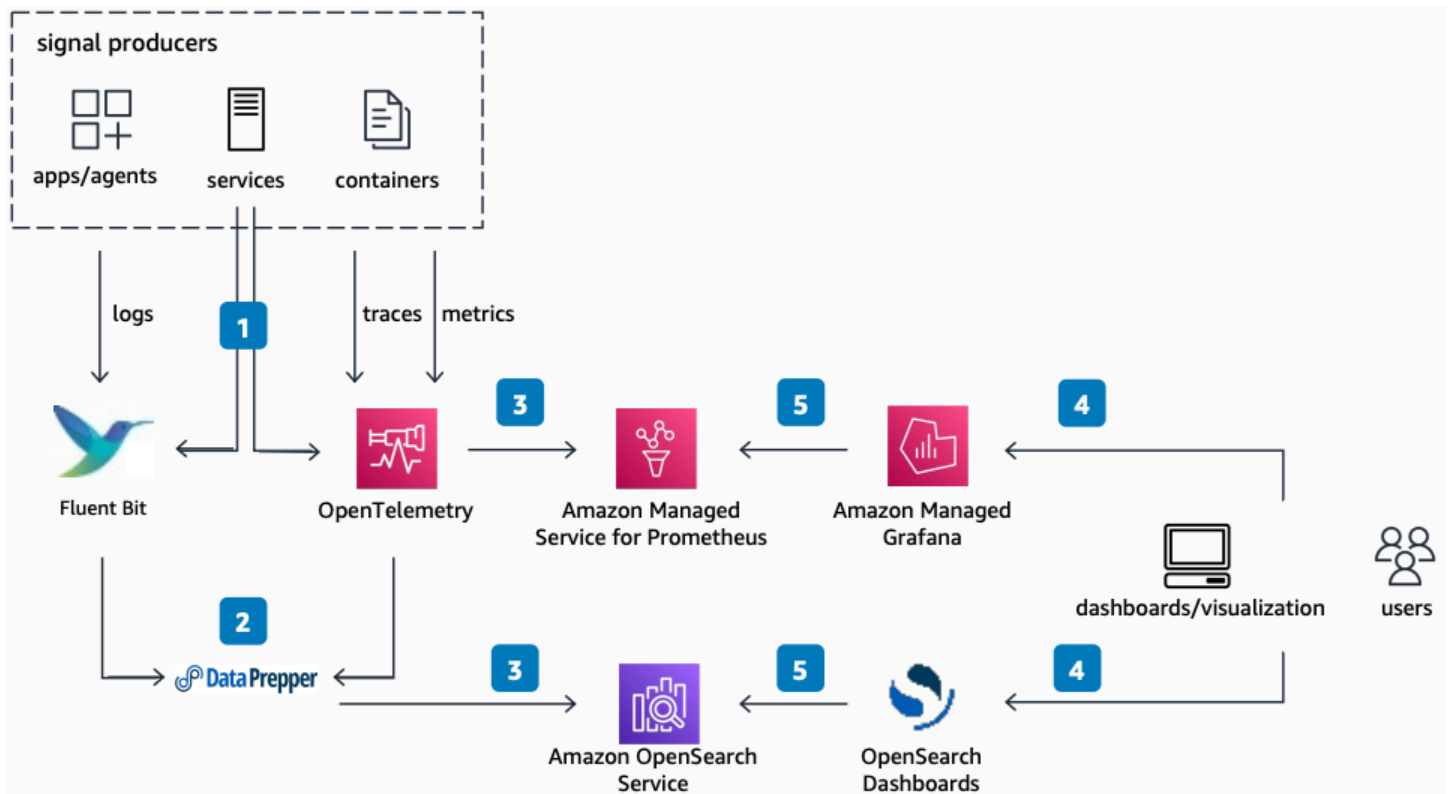
Diagram history 2

Observability with Logs, Traces, and Metrics

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This architecture shows how to use for application performance monitoring and infrastructure observability.

Observability with Logs, Traces, and Metrics



1. Applications, services, and containers produce three types of signals: logs, metrics, and traces.
2. Collectors such as Fluent Bit and Data Prepper transform and enrich these signals.
3. The collectors forward the data to different data stores. <https://docs.aws.amazon.com/opensearch-service/latest/developerguide/what-is.html> stores traces and logs received from OpenSearch Data Prepper. Amazon Managed Service for Prometheus stores metrics received from AWS Distro for OpenTelemetry metric scrapers.
4. Users create interactive dashboards and visualizations with this signal data. They use tools such as Amazon OpenSearch Dashboards and Amazon Managed Grafana.

5. These visualization tools use data stored in and Amazon Managed Service for Prometheus to present information.

Further reading

For additional information, refer to

- [AWS Architecture Icons](#)
- [AWS Architecture Center](#)
- [AWS Well-Architected](#)
- [product page](#)

Diagram history

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