Google Cloud

Log Analytics with Cloud Dataflow

Real-time log replication and analytics with Cloud Dataflow involves the continuous and efficient transfer of log data from various sources to a centralized log analysis platform
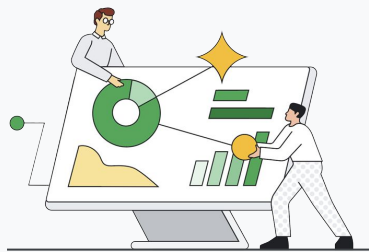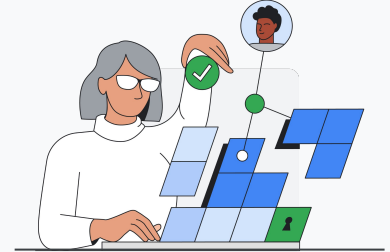
Centralized Log Management

Log replication allows for centralized log management and analytics via the platform of your choice.

Simplify Compliance and Auditing

Simplify your auditing requirements by leveraging the wide array of IO connectors available with Dataflow

Realtime Replication, Faster Insights

Dataflow streaming engine enables low latency, realtime replication and parsing of logs, enabling faster insights
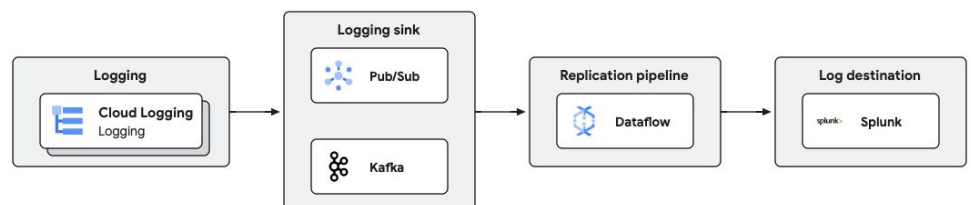
Google Cloud's comprehensive offering helps support log replication

Business impact

- Detect & respond to regressions in real-time
- Integrate Google Cloud footprint with the logging platform of your choice

Technical benefits

- Dataflow templates that make integration as simple as a web form
- Serverless & auto-provisioning experience that delivers performance at any scale

Logging
Cloud Logging
Logging

Logging sink
Pub/Sub
Kafka

Replication pipeline
Dataflow

Log destination
Splunk

Dataflow can uncover hidden patterns with log analytics in real-time

1

Centralized Log Management

Use Cases
- Automate real-time replication of streaming logs to the logging analytics frameworks like Splunk
- Streamlined processing and standardization of all enterprise logs

Value
- Centralized management

2

Compliance and Auditing

Use Cases
- Meet compliance requirements
- Improved capability of audit, forensic tracking and security incident monitoring

Value
- Helps improve developer velocity
- Expedites onboarding

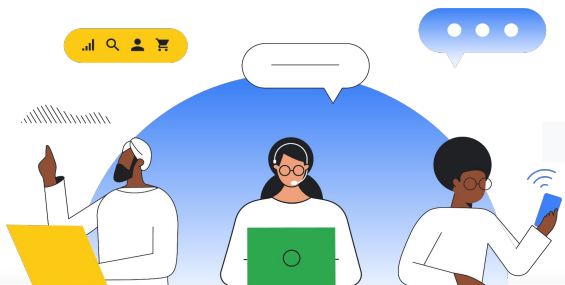### 3

Reduced cost, improved performance

Use Cases
- Unified platform for real-time logging analytics

Value
- Standardization of processing and parsing of logs

Why Google Cloud?

Innovate with **Google's AI** based on decades of research and experience

Build and scale fast with our open and integrated AI portfolio

Help accelerate time-to-production with **enterprise-ready gen AI**

Enterprise-readiness is at our core

Data Privacy: You control your data, not Google

IP Indemnity: Shared fate and indemnification for gen AI

Security & Compliance Support: Committed to your datacompliance journey

Responsible AI: AI Principles guiding foundational model development

Virgin Media O2 combines weblogs and location feeds in real-time with Dataflow to monitor a network of 46 million connections, encompassing broadband, mobile, TV, and home phone services

Learn More

New York City Cyber Command built a resilient, highly secure, and highly scalable data pipeline on Google Cloud to help its cybersecurity experts detect and respond to threats faster.

Learn More

Let's get started

Align on goals for log replication and key use cases

Review reference architecture and **implementation checklist**

Engage with **Google Cloud Consulting** or certified **Google Cloud Partner**

Activate Google Cloud Consulting service packages to **streamline implementation**

Learn more today