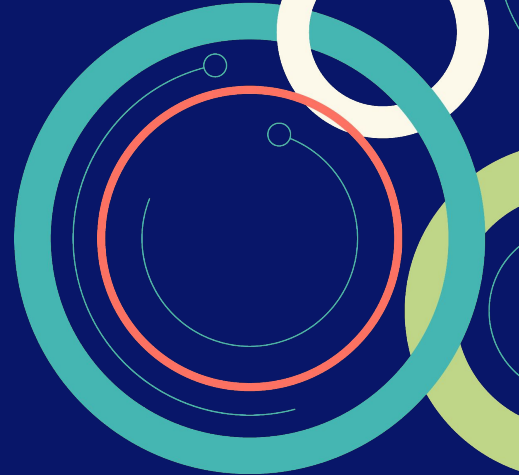


The logo consists of a central teal circle with three lines extending from it to three smaller teal circles, one above and two below, forming a stylized network or data flow icon.

Observability Summit North America 2026

Show Me The Receipts: A Forensic Hunt for Observability

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Datadog



Agenda

- The Crime Scene
- Why the Traditional Approach is Broken
- The Forensic Hunt for Observability
- OpenTelemetry (OTel) + Vector
- Key Takeaways
- Q&A



The Crime Scene



By sampling key traces, storing only important logs, and moving less critical data to lower-cost storage, businesses can cut costs by 60-80%.

** Source: CNCF's Observability Trends in 2025*



Why the Traditional Approach is Broken?

OK. What should we collect?

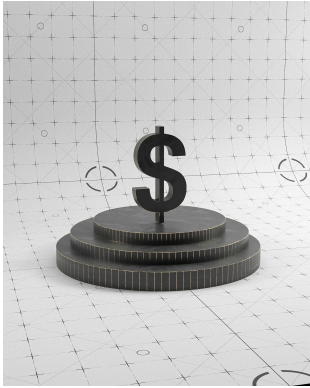
- Everything
- I don't know

Just because your observability platform is so powerful and can store and process massive amount of telemetry data, that doesn't mean you should keep *everything*

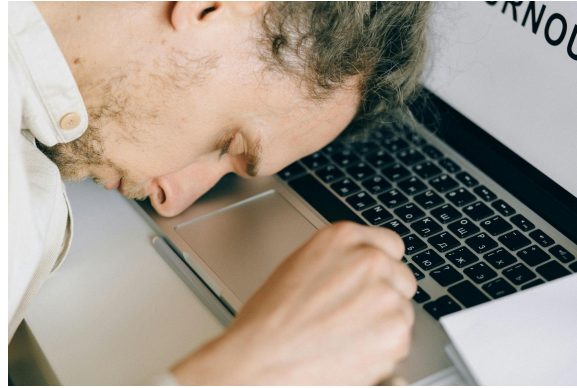


Why the Traditional Approach is Broken?

Let's Look at the Total Cost



Platform Cost



Cognitive Load

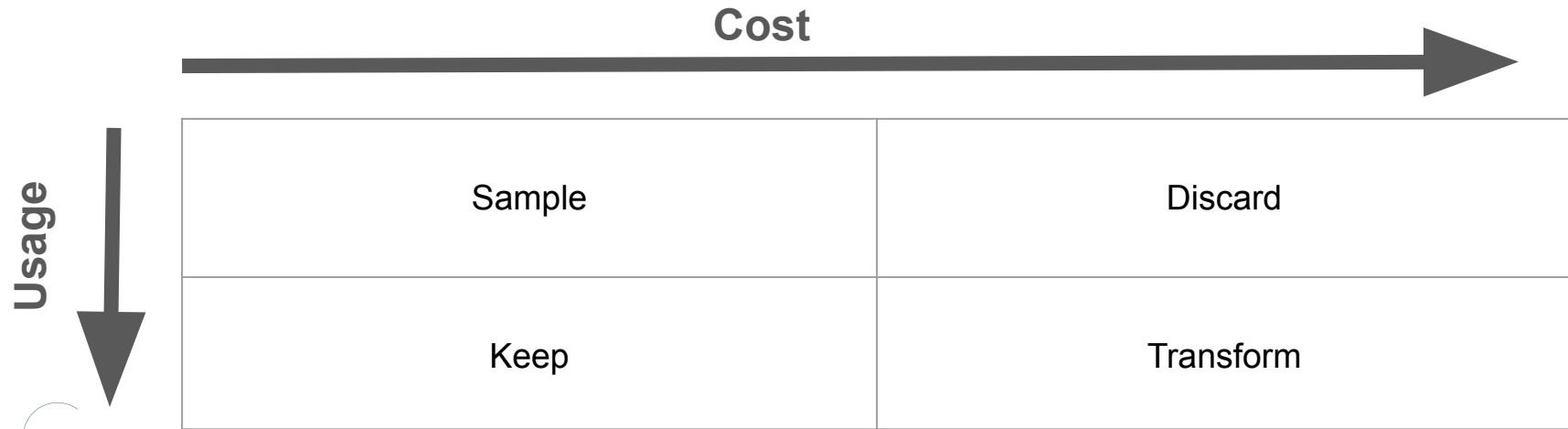


Time



The Forensic Hunt for Observability

- What did we actually use in the past ?
- What worked and what didn't ?
- Can we trace it back ?



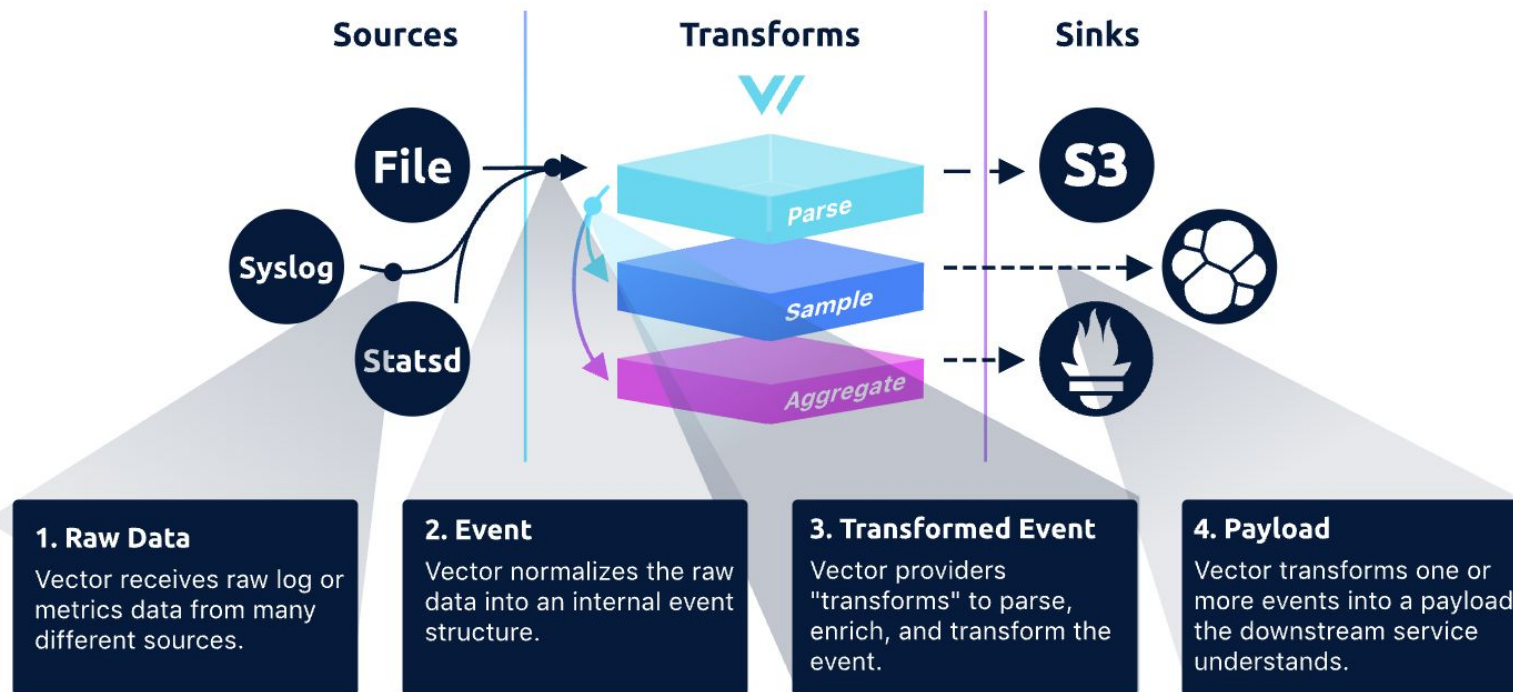
What We Used + Why



+



Observability Pipelines – Vector



Example – OTel Source

```
sources:  
  my_source_id:  
    type: opentelemetry  
    grpc:  
      address: 0.0.0.0:4317  
    http:  
      address: 0.0.0.0:4318  
      headers: []  
      keepalive:  
        max_connection_age_jitter_factor: 0.1  
        max_connection_age_secs: 300
```



Example – Loki Sink

```
sinks:  
  my_sink_id:  
    type: loki  
    inputs:  
      - my-source-or-transform-id  
    endpoint: http://localhost:3100
```



- OpenTelemetry (OtTel) + Observability Pipelines are powerful together
- Audit and Clean your Observability Data (Waste)
- Always Hunt for Those Receipts
- Less is more

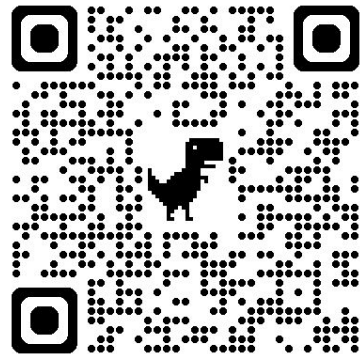




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To Learn more about Vector:



Thank You

