



THE CHALLENGE

While endpoint detection and response (EDR) data underpins multiple functions in the SOC, the large data volumes often put a strain on organizations' SIEM platforms.



THE SOLUTION

Cribl Stream enables teams to route full-fidelity EDR data to low-cost object storage for long-term retention and investigation needs, optimizing the data for SIEM consumption and streamlining workflows across the SOC.



THE BENEFITS

- Increase alignment with popular CSFs such as MITRE ATT&CK
- Route to multiple destinations, including object storage for long-term retention
- Format, filter, reduce, and enrich EDR data as needed for any tooling schema
- Optimize EDR data to reduce infrastructure budget and improving the analytic tool performance
- Provide deeper visibility and response capabilities at the endpoint

SOLUTION BRIEF

Better Together: Cribl Stream and Endpoint Detection and Response (EDR)

Leveraging Cribl Stream with EDR data forms the foundation for a defense-in-depth strategy while aligning to popular cybersecurity frameworks (CSFs) like MITRE ATT&CK.

The Challenge

EDR solutions provide deep visibility and response capabilities at the endpoint and are now more relevant than ever considering the move from corporate networks to a remote workforce. This increased visibility results in a large increase in data volumes and processing requirements for enterprise SIEM platforms. EDR vendors will typically provide access to the data via a cloud storage bucket which is then ingested by the SIEM platform for processing and analysis.

This EDR data generally consists of the following types of events:

- Behavioral Alerts
- Information about processes (create, listen, termination, modification)
- Commands and scripts run
- Registry modifications
- Domain Name Service (DNS) activity
- Netflow
- File activity (create, modify, delete)
- Scheduled task or start-up modifications
- HTTP activity

Achieve Best-in-Class SIEM Optimization and Data Reduction

While these security-relevant event types are among the most important sources to the security and compliance organizations, the verbosity of the events is usually too taxing for most analytics platforms such as a SIEM. A solution for satisfying long-term investigative and compliance requirements while also optimizing the data sent to the analytics platforms is needed.

Solution

Cribl Stream complements EDR data by providing the ability to make strategic choices instead of compromises while architecting next-gen workflows. EDR data can now be optimized and routed to multiple destinations such as a SIEM, UEBA, or low-cost object storage. By providing the ability to optimize, filter, and enrich on a per-destination basis, you can now better manage costs and improve system performance while preserving insights and remaining compliant.

Cribl Stream simplifies the process of replaying data from long-term object storage to SIEM platforms should investigative or threat hunting timelines extend beyond the SIEM retention period. With Stream, organizations can also utilize a single console to encrypt or mask sensitive data in real-time before it is forwarded to and stored at a destination, keeping PII safe.

