

SOLUTION BRIEF

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# Future-proof your Business with Cribl LogStream™ + Amazon Web Services



## SOLUTION BRIEF



## THE CHALLENGE

Enterprises that have turned to Amazon Web Services (AWS) for its flexibility, cost-effectiveness, and reliability need an observability solution to match the scale without blowing their budget.



## THE SOLUTION

Cribl LogStream is an essential part of observability, providing a pipeline that works with all tooling, keeps costs down, and scales with any business – making it the perfect complement to AWS.



## THE BENEFITS

- Route observability data from any source to any destination
- Replay S3 data ad hoc or on a schedule to existing tooling
- Reduce log and/or metric data volume and remain compliant
- Seamless workload migration to or within the cloud

## Future-proof your Business with Cribl LogStream™ + Amazon Web Services

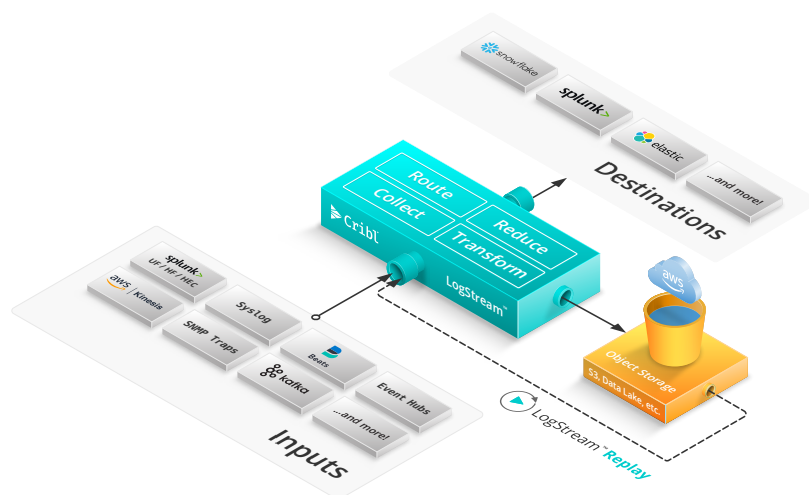
Together, Cribl LogStream and Amazon Web Services enable companies of all sizes to plan for the road ahead, regardless of the amount of data they have, the solutions they use today, or the tools they may turn to in the future.

### The Power of Cribl LogStream and Amazon Web Services

The cloud already plays a huge role in the way data is architected today, with many companies running completely in the cloud, supporting hybrid architectures, or considering migrating workloads to the cloud. Enterprises that want to optimize their resources while planning for long-term success are choosing Amazon Web Services (AWS), because of its flexibility, cost-effectiveness, and reliability.

Those same enterprises use Cribl LogStream for similar reasons. They need an observability pipeline with the flexibility to get data into multiple tools from multiple sources without adding new infrastructure and agents. These companies also need a cost-effective strategy for retaining data long-term. At the same time, they need an observability solution that is reliable and scalable, regardless of the amount of data they have, the products they use today, or the tools they may turn to in the future.

Together, Cribl LogStream and Amazon Web Services can help future-proof businesses of all sizes, whether they're leveraging Amazon Kinesis for data streaming, S3 for object storage, SQS for queuing in transit, or all of the above.



LOGSTREAM CAN HELP  
REDUCE AS MUCH AS  
50% OF INGESTED  
LOG VOLUME TO  
CONTROL COSTS AND  
IMPROVE SYSTEM  
PERFORMANCE.

AWS CUSTOMERS CAN  
EASILY ELIMINATE  
DUPLICATE FIELDS,  
NULL VALUES, AND  
ANY ELEMENTS THAT  
PROVIDE LITTLE  
ANALYTICAL VALUE.

## The Benefits of Using AWS with LogStream

### ROUTE DATA FROM ANY SOURCE TO THE MOST COST-EFFECTIVE DESTINATION

Send data to the most effective destinations including low-cost storage locations like S3 for long-term retention. Route data to the best tool for the job – or all the tools for the job – by translating and formatting data into any tooling schema they require. Let different departments choose different analytics environments without having to deploy new agents or forwarders.

### REPLAY DATA FROM AMAZON S3 AT ANY TIME

Cribl LogStream is the best way to replay multiple data formats to your analytics tools. Use LogStream as a universal receiver to collect from any machine data source and schedule batch collection from multiple APIs, or recall data from your S3 buckets, and “replay” those logs to analytics tools for later investigations with ad hoc data collection.

### REDUCE DATA VOLUME: KEEP COSTS DOWN WHILE REMAINING COMPLIANT

LogStream can help reduce as much as 50% of ingested log volume to control costs and improve system performance. AWS customers can easily eliminate duplicate fields, null values, and any elements that provide little analytical value. In the same interface, they can filter and screen events for dynamic sampling, or aggregate log data into metrics for volume reduction at scale – all while keeping a full-fidelity copy in Amazon S3 to replay if needed.

#### 🔦 *Spotlight: CloudTrail*

CloudTrail Logs are valuable audit logs from AWS that tend to be higher volume. With Cribl LogStream, you can easily reduce data ingestion from CloudTrail by 50% with a simple pipeline; more complex pipelines can result in 55 to 60% reduction. This both lowers costs and improves analysis by filtering logs you’re not interested in.

#### 🔦 *Spotlight: VPC Flow Logs*

VPC Flow Logs provide great information on IP traffic, but can be voluminous and therefore costly to maintain in a logging solution. Cribl LogStream enables aggregation of these logs into summary metrics, allowing AWS customers to continue gaining insight from the data while keeping licensing and infrastructure costs down.

### SEAMLESSLY MIGRATE WORKLOADS TO OR WITHIN THE CLOUD

Because Cribl LogStream is a universal receiver and router, new AWS customers can smoothly and securely migrate on-premises workloads to a cloud environment – without worrying about dropping or losing data. The same approach works wonders for AWS users looking to upgrade existing cloud infrastructure or move over to AWS from a competitor solution.

CRIBL LOGSTREAM IS AN OBSERVABILITY PIPELINE THAT WORKS WITH ANY TOOLING, KEEPS COSTS DOWN, AND PERFORMS WELL WITH EVEN THE LARGEST AMOUNTS OF DATA - MAKING IT THE PERFECT COMPLEMENT TO AWS.

## Summary

On a quest for a cost-effective solution that can scale with their business on all fronts, many companies have turned to Amazon Web Services (AWS). These same enterprises now need an observability tool to match: flexible, cost-effective, and reliable. Cribl LogStream is an observability pipeline that works with any tooling, keeps costs down, and performs well with even the largest amounts of data – making it the perfect complement to AWS.

With Cribl LogStream, AWS customers can:

- *Route data from any source to the most cost-effective destination*
- *Replay data from Amazon S3 at any time*
- *Reduce data volume to keep costs down while remaining compliant*
- *Seamlessly migrate workloads to or within the cloud*

Together, Cribl LogStream and Amazon Web Services enable companies of all sizes to plan for the road ahead, regardless of the amount of data they have, the solutions they use today, or the tools they may turn to in the future.

To get started with AWS and Cribl LogStream today, visit us on the [AWS Marketplace](#) and check out our [AWS Quick Start Guide](#). The [Cribl Slack Community](#) is also a great place to connect with leaders from other teams leveraging both AWS and Cribl.

## ABOUT AWS

Amazon Web Services (AWS) offers IT infrastructure services to businesses in the form of web services – now commonly known as cloud computing. With the cloud, businesses no longer need to plan for and procure servers and other IT infrastructure weeks or months in advance. Instead, they can instantly spin up hundreds or thousands of servers in minutes and deliver results faster. Find out more at [aws.amazon.com](https://aws.amazon.com).

## ABOUT CRIBL

Cribl is a company built to solve customer data challenges and enable customer choice. Our solutions deliver innovative and customizable controls to route security and machine data where it has the most value. We call this an observability pipeline, and it helps slash costs, improve performance, and get the right data, to the right destinations, in the right formats, at the right time. Join the dozens of early adopters, including market leaders such as TransUnion and Autodesk, to take control and shape your data. Founded in 2017, Cribl is headquartered in San Francisco, CA. For more information, visit [www.cribl.io](https://www.cribl.io) or our [LinkedIn](#), [Twitter](#), or [Slack](#) community.