SOLUTION BRIEF

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

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 Stream 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

SOLUTION BRIEF

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

Together, Cribl Stream 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.

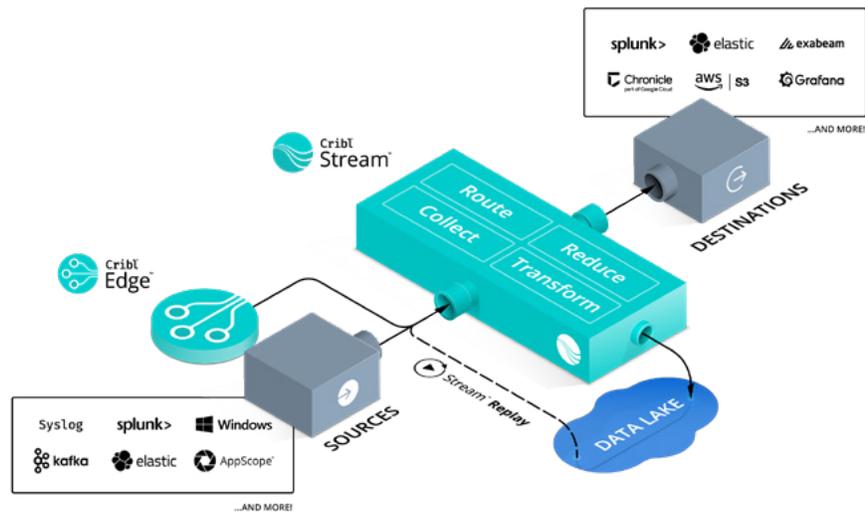**The Power of Cribl Stream and Amazon Web Services**

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 organizations are also turning to Cribl for similar reasons. They need an observability solution with the flexibility to get data into multiple tools from multiple sources without adding new infrastructure and agents. These companies also need a tool that can flex with them – deployable on-premises or in the cloud. At the same time, they need an observability solution that gives them the ability to make new business decisions and test out new use cases at scale, regardless of the amount of data they have. Cribl addresses these concern with a dual offering of Cribl Stream and Cribl Edge. Cribl Stream is an observability pipeline that you can seamlessly plug into the middle of an existing environment. Providing the flexibility to route, shape, restructure, and enrich data from any source to any destination, without having to add new infrastructure or agents. Cribl Edge is a next generation observability agent, allowing administrators to collect and process observability data – logs, metrics, application data, etc. – in real time, from Linux machines, apps, microservices etc., and deliver them to Cribl Stream or any supported destination. Now companies requiring an observability solution can leverage Cribl Stream or Edge, independently or in combination, to gain control over their data and simplify observability efforts.

Together, Cribl Stream 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.

The Benefits of Using AWS with Cribl's Observability Solution

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's observability solutions are the best way to replay multiple data formats to your analytics tools. Use Stream 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

Using Cribl Stream or Edge can help reduce as much as 50% or more 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. From the same interface, they can filter and screen events 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. Using Cribl Stream or Edge, 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 Stream 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 Stream 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 STREAM 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 Stream 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 Stream, 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 observability solutions 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 Stream 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**.

ABOUT CRIBL

Cribl makes open observability a reality for today's tech professionals. The Cribl product suite defies data gravity with radical levels of choice and control. Wherever the data comes from, wherever it needs to go, Cribl delivers the freedom and flexibility to make choices, not compromises. It's enterprise software that doesn't suck, enables tech professionals to do what they need to do, and gives them the ability to say "Yes." With Cribl, companies have the power to control their data, get more out of existing investments, and shape the observability future.Founded in 2017, Cribl is a remote-first company with an office in San Francisco, CA. For more information, visit **www.cribl.io** or our **LinkedIn**, **Twitter**, or **Slack** community.