Cribl

AppScope®

Open-Source operations-centric instrumentation for today's applications.

AppScope gives operations, security, and SRE teams black box instrumentation for any Linux binary. Deliver events, metrics, and payloads to any platform, or combine it with Cribl Stream and Edge for best-of-breed observability.

Hassle-free instrumentation

- Instrument containers, applications and infrastructure without needing to recompile code, deploy agents across thousands, or hundreds of thousands, of servers, or without performance-robbing sidecars.

Data freedom

- Send events, metrics, and payloads to existing log analytics and APM systems, or combine AppScope with Cribl Stream/Edge™ for the full control and power of an observability pipeline.

Consumable results

- Route to multiple destinations without having to install new agents or collectors with a vendor agnostic solution that gives you flexibility with the vendors that are right for you.
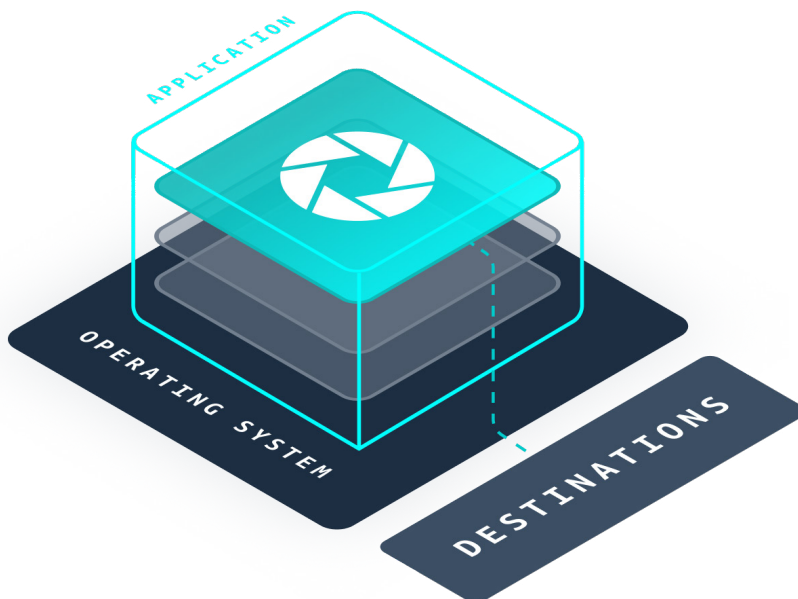
APPSCOPE IS PRE-INSTALLED AND INTEGRATED WITH CRIBL EDGE!

Download here.

Product Features

ARCHITECTURE

- Statically-linked AppScope command-line interface for interactive data exploration.
- Loadable library for remote monitoring and transmission of events, metrics, and payloads to consuming systems or Cribl Stream.
- Works against any Linux binary.
- Data collection.
- Filesystem events .
- Opens, closes, bytes read and written.
- Log file interception and forwarding.
- Network events:
  - Connections, DNS activity, bytes read and written.
  - Payload capture and interrogation, both encrypted and cleartext.
- HTTP:
  - User agents, content length, duration, method, source and destination.
  - HTTP 2.0

WORKING WITH DATA

- Dataset partitions in S3 (and other data stores).
- On-demand instrumentation of any process or executable.
- Terminal-centric interactive dashboard.
- Pre-aggregated metrics with configurable summarization.
- AppScope has full routing capabilities allowing data to be sent to a file, local unix socket ,network destination or to the Cribl Stream observability pipeline for additional processing. When co-located on the host with the Cribl Edge agent, Edge can provide distributed data processing and routing capabilities at the source.
- Integration with any StatsD-compliant or JSON-compatible receiver.
- Built-in support for live payload capture and forwarding.
- Multiple transport types, including UDP, TCP, Unix sockets, files and syslog.
- HTTP header extraction.
- Filtering by event type.
- Full Routing capabilities allowing data to be sent to a file, local unix socket, network destination, Cribl Edge or Cribl Stream.

TECHNICAL REQUIREMENTS

- NEW! AppScope is pre-installed and integrated with Cribl Edge.
- Supported Operating Systems (Linux Only).
- AppScope runs on:
  - Ubuntu 16 and later.
  - Alpine and other distributions based on musl libc.
  - RedHat Enterprise Linux or CentOS 7 and later.
  - Amazon Linux 1 and 2.
  - Debian.
- When building AppScope from source, use:
  - Ubuntu 18.04
  - This restriction is imposed to make the resulting executable more portable.

System

- CPU: x86-64 and ARM64 architectures
- Memory: 1GB
- Disk: 20MB (library + CLI)

Only these runtimes are supported:

- Open JVM 7 and later, Oracle JVM 7 and later, go1.9 through go1.19.