

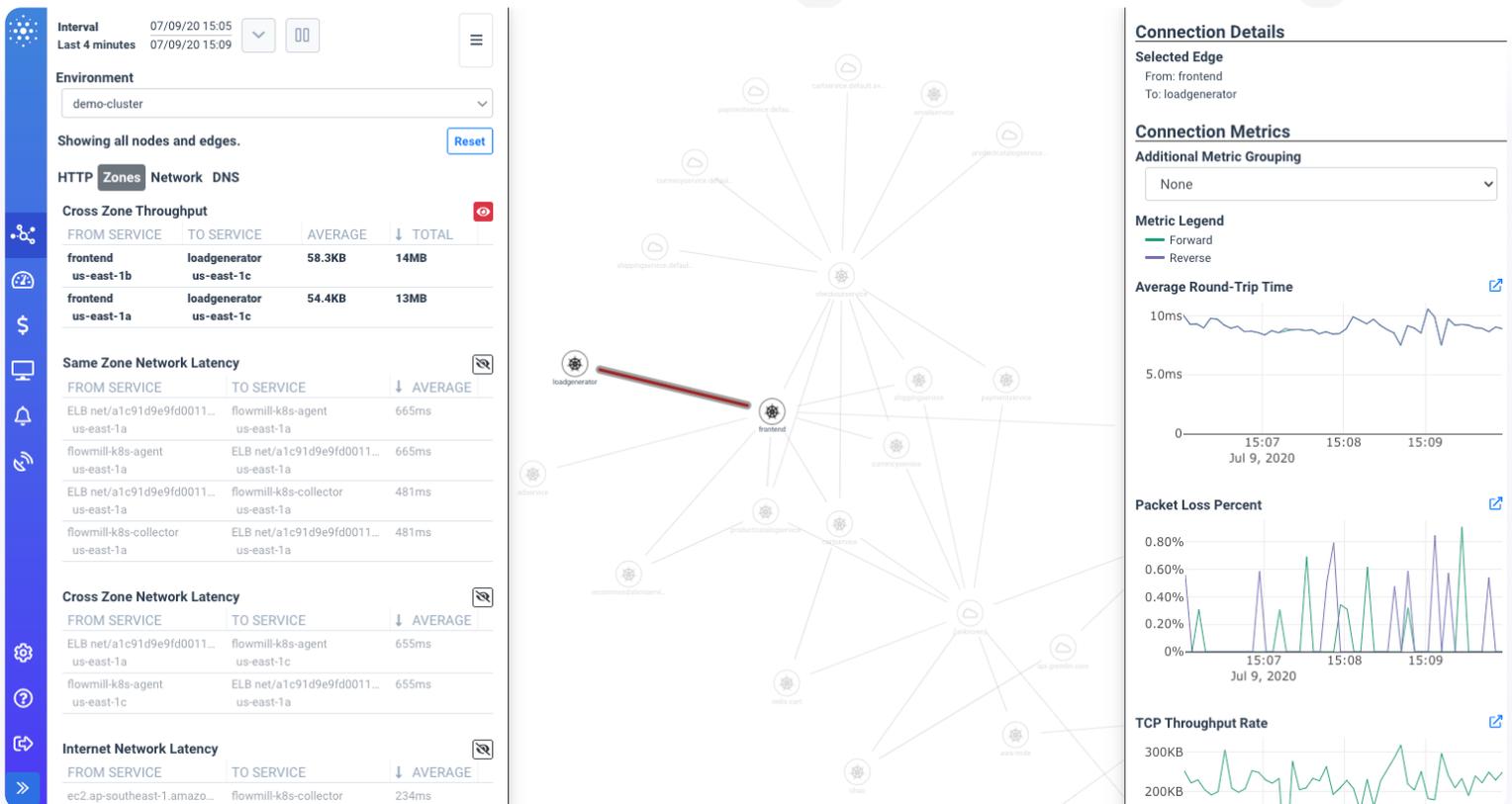
# Observability for Cloud Networks

Flowmill is a network observability solution explicitly designed for distributed, service-based environments.

Flowmill automatically traces every network connection from the operating system to build a complete, real-time view of a distributed system.

Unlike traditional metrics, logs, tracing, and service mesh technology, Flowmill tracks the behavior of every container, pod, and deployment using eBPF — a high performance, secure interface into the Linux kernel.

It requires no changes to application code or container images, can be deployed cluster-wide in minutes, and operates with negligible CPU overhead and no additional latency.



FLOWMILL

No Code Changes • Negligible Overhead • Real Time • Complete Coverage



### Detect cloud infrastructure problems

Measure how network connectivity and performance issues, misconfigured services, external providers, security settings, and DNS impact your services.



### Reduce network costs

Measure cross zone and egress traffic by service pair so you can correlate network cost and performance issues with your services.



### Analyze application traffic in real-time

Programmatically collect traffic and error rates for all of your service dependencies and identify unknown or unwanted connections.



### Complete coverage

See beyond your application into cloud infrastructure and managed services



### Real-time

Sub-second data on every connection quickly identifies edge conditions



### No code changes

Data gathered transparently from the OS, cloud provider, and orchestration platform



### Negligible overhead

Minimal CPU and network impact so you can deploy in production

## Rob Cameron

Technical Director, Roblox



“Orchestrators do their best at packing as many jobs as possible into hosts. This is amazing from a compute perspective, but it can strain the network of a device. It can become impossible to determine how applications interact with each other on a network level. This can lead to unexpected results for applications leaving teams scratching their heads to figure out what is going on.

Using Flowmill I can easily determine how applications communicate not only on a device level, but across my entire infrastructure. This deep knowledge can resolve finger pointing with real-time network tracing.”



### About Flowmill

Flowmill is a venture-backed company based in Sunnyvale, California founded in 2016

### Learn more

[www.flowmill.com](http://www.flowmill.com)  
[docs.flowmill.com](http://docs.flowmill.com)