OVERVIEW

eBPF is transforming Cloud Native. Co-located with KubeCon + CloudNativeCon, Cloud Native eBPF Day is a vendor-neutral conference that explores this transformational technology and its impact on the future of Cloud Native.

By making the Linux kernel programmable, eBPF has resulted in the development of a completely new generation of tooling in areas such as networking, security, application profiling/tracing, and performance troubleshooting. No longer is it necessary to rely on existing kernel functionality; now, it's possible to actively reprogram runtime behavior without compromising execution efficiency or safety.

The highly dynamic nature of orchestrated container environments, like Kubernetes, creates challenges for traditional networking, monitoring, and security tools. Leveraging eBPF allows for significantly greater scalable and performant connectivity, observability that has native understanding of Kubernetes constructs, and security that leverages the Linux kernel to enforce Kubernetes-native network segmentation and continuously validate compliance. This conference will explore both eBPF itself and the use of eBPF-based open source tools to enhance Cloud Native deployments.

TWEETS

ATTENDEE DEMOGRAPHICS

Total Registration: 586

VIRTUAL Attendees 87%

IN-PERSON Attendees 13%

COUNTRY

Cloud Native eBPF Day North America 2021 attracted attendees from all over the world, with the highest concentration coming from:

45% United States

27% India

4% Canada

3% Germany

3% United Kingdom

GENDER

64% Men

10% Women

1% Other Gender Identity

25% Preferred Not to Answer

ATTENDEE JOB FUNCTION

24% Students

22% DevOps/SRE/Sysadmin

19% Architect

18% Developers

4% Executives

4% Business Operations

3% Product Manager

1% IT Operations

5% Other

SPONSORS

Sysdig	Diamond Sponsor
Isovalent	Diamond Sponsor
Microsoft Azure	Diamond Sponsor
Tigera	Gold Sponsor Session Recording Sponsor

MOST POPULAR SESSIONS ON THE EVENT SCHEDULE

- A Beginner's Guide to eBPF Programming for Networking – Liz Rice, Isovalent

- Welcome + Opening: Why Everyone is Excited about eBPF in Cloud Native in 2021 – Moderated By: Dan Papandrea, Sysdig; Loris Degioanni, Sysdig, Thomas Graf & Liz Rice, Isovalent; Sarah Novotny & Andrew Randall, Microsoft

- Using BPF Iterators to Gain Insight into Kubernetes – Alban Crequy, Microsoft

SURVEY RESULTS

- Overall Experience Rating: 4.4/5

- Most influential session:

  A Beginner's Guide to eBPF Programming for Networking – Liz Rice, Isovalent

- Length of sessions: Just Right

- What types of content delivery would you like to see at future events?: Workshops, Lightning Talks + Training

- I felt included in the event: 4.2/5

WATCH SESSIONS ON DEMAND