OVERVIEW

The application of Wasm has already started expanding in cloud-native infrastructure to Kubernetes, Envoy Proxy, and Envoy based solutions like Istio and Gloo. In particular, the Envoy project has been working to integrate and stabilize the use of Wasm as the model going forward for extensibility. Envoy is popular for its cloud-native architecture, performance, and that it can be extended in many ways through the use of filters, tracers, monitors, and more. Specifically, the filters are what’s used to modify the behavior of the proxy to manipulate the traffic that flows through it. The proxy ships with some filters out-of-the-box and with the open nature of Envoy, any end user can write and add their own filter to extend Envoy.

TWEETS

"Incredibly excited for my first in-person #KubeCon and to talk at #CloudNativeWASM day. Hope to see you there!" @kategoldenhorn - Oct 11

"There is no edge in the new cloud." @ralph_squillac evoking the Matrix at #CloudNativeWasm #WebAssembly The future is distributed! @hecteman

Fantastic quote by @solomonstre seen at #CloudNativeWasm day during a talk about Akri by @KateGoldenhorn and Rodrigo Rodrigues

Dev-centric vs operator-centric models: let’s solve this pendulum-swing by meeting both groups where they are. @technosphes with @oftaylor at #CloudNativeWASM

If WASM+WASI existed in 2008, we wouldn’t have needed to created Docker. That’s how important it is. WebAssembly on the server is the future of computing.

--- Solomon Hykes (Creator of Docker), March 27, 2019
ATTENDEE DEMOGRAPHICS

Total Registration: 313
- VIRTUAL Attendees 91%
- IN-PERSON Attendees 9%

COUNTRY
Cloud Native Wasm Day North America 2021 attracted attendees from all over the world, with the highest concentration coming from:
- 38% United States
- 38% India
- 5% Canada
- 3% Germany
- 2% United Kingdom

GENDER
- 66% Men
- 10% Women
- 1% Other Gender Identity
- 23% Preferred Not to Answer

ATTENDEE JOB FUNCTION
- 34% Students
- 25% Developers
- 11% DevOps/SRE/Sysadmin
- 9% Architect
- 5% Executives
- 2% Media/Analyst
- 2% Product Manager
- 1% Business Operations
- 1% Sales and Marketing
- 10% Other

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MOST POPULAR SESSIONS ON THE EVENT SCHEDULE

- Distributed Computation with WASM and WASI - Bailey Hayes & Carl Sverre, SingleStore
- Sponsored Keynote: The Next Epoch of Technology: Wasm & Actors - Liam Randall, Founder, Cosmonic
- Panel Discussion: National Association of W Lovers: How We Can Create a Thriving Wasm Ecosystem - Moderated by Matt Butcher, Microsoft Azure; Taylor Thomas, Cosmonic; Bailey Hayes, SingleStore; Oscar Spencer, Grain
- Paving the Way of WebAssembly in the Intersection of Machine Learning and Cloud Native - Shivay Lamba, Layer5; Mritunjay Sharma, Hackerrank

SURVEY RESULTS

- Overall Experience Rating: 4.4/5
- Most influential session: Create an Extensible Cloud Native Application with WebAssembly - Connor Hicks, Suborbital Software Systems
- 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: 4.7/5

WATCH SESSIONS ON DEMAND