



CLOUD NATIVE Wasm DAY

May 4, 2021 | Virtual

OVERVIEW

Cloud Native Wasm Day Europe 2021 was held virtually on Tuesday, May 4, 2021 on the MeetingPlay platform. Speakers answered live questions and interacted with attendees via the Event Platform and in Slack. Cloud Native Wasm Day was comprised of 15 sessions focusing on the intersection of cloud native and WebAssembly. The event concluded with an interactive BoF that allowed attendees to openly discuss the webAssembly usage in the cloud native space and to create a brand new landscape diagram about cloud native possibilities with WASM and the forthcoming WASI.

TWEETS

Liam Randall (hiring @ Stacklet.io) @Hectaman · May 4
 For Cloud Native, WebAssembly means letting go of some of the assumptions incumbent in our current choices - @wasmcloud takes it one step further. #kubcon #CloudNativeWasm

FORMAT:	PC	CLOUD	CONTAINER	WEBASSEMBLY
EXECUTION:	Image - Datacenter	VM - Public Cloud	Container - Kubernetes	Wasm - Distributed
Developer	Full	OS, App, Lib	App, Lib	Wasm
Shared	-	CPU	Linux Kernel	-
Compatibility	All	Most	Most	Most
Size	Large	Mid	Small	Tiny
Portability	-	Low	Med (CPU, Linux)	High
Security	System	OS	Process Boundary	Capability
Where	-	Proprietary Cloud & Edge	Dev, Edge, Cloud, K8s	Dev, App, Edge, Cloud, K8s, Browser, Devices

Legend: ■ Developer Provided, ■ Device / Computer

Tetrate @Tetratio · May 4
 .@nullpo_head Takaya Saeki on what Wasm can do for app security and extensibility. Wasm is propelling cloud native!! #MakeTMesh #CloudNativeWasm

Summary

1. The Embeddable, Safe, Polyglot, and Portable properties of Wasm give rise to a variety of Wasm interfaces
2. The secure extensibility mechanism is a typical interface
3. Proxy-Wasm is an extensibility mechanism for Proxy. It allows you to extend your application mesh securely
4. Wasm will continue to bring new secure extensibility mechanisms to the cloud native world

Liam Randall (hiring @ Stacklet.io) @Hectaman · May 4
 Opening #CloudNativeWasm at #kubcon kicking off the day with @ColinEberhardt and @cra

Opening Remarks - Chris Aniszczuk, CTO, Cloud Native Computing Foundation; Colin Eberhardt, Technology Director, Scott Logic

home skillet @ralph_squillace · May 10
 Hot on the heels of the @CloudNativeFdn Cloud Native WASM day at #KubeConEU2021, we added a few features to help make the cloud native experience clearer with WAGI, the #WebAssembly CGI implementation. A really fun experiment in HTTP and WASM using OCI registries.

Radu M @matei_radu · May 10
 Since our release, we've been adding new features to WAGI trying to make sure building #WebAssembly microservices is as easy as possible. Now modules can be pulled from OCI registries and make outbound HTTP connections, among other features.
 deislabs.io/posts/wagi-upd...

ATTENDEE DEMOGRAPHICS

Total Registration: 344

Attendees 94% | Speakers 6%

COUNTRY

Cloud Native Wasm Day attracted attendees from all over the world, with the highest concentration coming from:

39% United States

14% India

9% Germany

5% United Kingdom

5% France

GENDER

61% Men

11% Women

28% Preferred Not to Answer

ATTENDEE JOB FUNCTION

35% Developers

18% Architect

14% DevOps/SRE/Sysadmin

6% Students

6% Executives

2% Product Manager

1% IT Operations

1% Professor/Academic

1% Sales and Marketing

16% Other

SPONSORS

Tetrate	Diamond Sponsor
Cosmonic	Diamond Sponsor
Microsoft Azure	Gold + BOF Sponsor
Bytecode Alliance	Community Partner
Calyptia	Session Recording Sponsor

SURVEY RESULTS

- Overall Experience Rating: **4.5/5**
- Most influential sessions:
From Napkin to the Cloud: A WebAssembly Journey - Kevin Hoffman, Capital One
- Session content matched abstract: **4.3/5**
- Length of sessions: **Just Right**
- What types of content delivery would you like to see at future events?:
Workshop, Training, Lightning Talks
- What is the primary reason you attended the event?:
For sessions/education