



THE LINUX FOUNDATION
OPEN SOURCE SUMMIT
NORTH AMERICA


JUNE 20-24, 2022 | AUSTIN, TEXAS + VIRTUAL

2022 EVENT
REPORT

BRINGING OPEN TOGETHER

This year, **Open Source Summit North America** was held as an umbrella conference, composed of a collection of 14 events covering the most important technologies, topics, and issues affecting open source today. OSS NA gathered **2,771** total attendees with **1,286** of those attending **in person** in Austin, from **1,041** organizations across **68** countries around the globe.

The event attracted a diversified mix of open source community members from across the ecosystem, not a surprise given the range of topics offered to attendees. **54% of attendees were in technical positions**, and **developers** comprised more than a **quarter** of attendees.



“AS A FIRST-TIME ATTENDEE, THE OSS NA EXCEEDED MY EXPECTATIONS. THE KEYNOTES. THE SESSION SPEAKERS. THE QUANTITY OF RICH CONTENT—FROM EVERYTHING OPEN SOURCE TO DEI AND MENTORSHIP. I LOVED EVERY MINUTE OF IT.”

-LISA MAE DEMASI, OPEN SOURCE CONTENT WRITER, VMWARE

Attendee Survey Results:

97% of respondents found the conference content and sessions to be informative and useful

95% of respondents would recommend attending the event to a friend or colleague

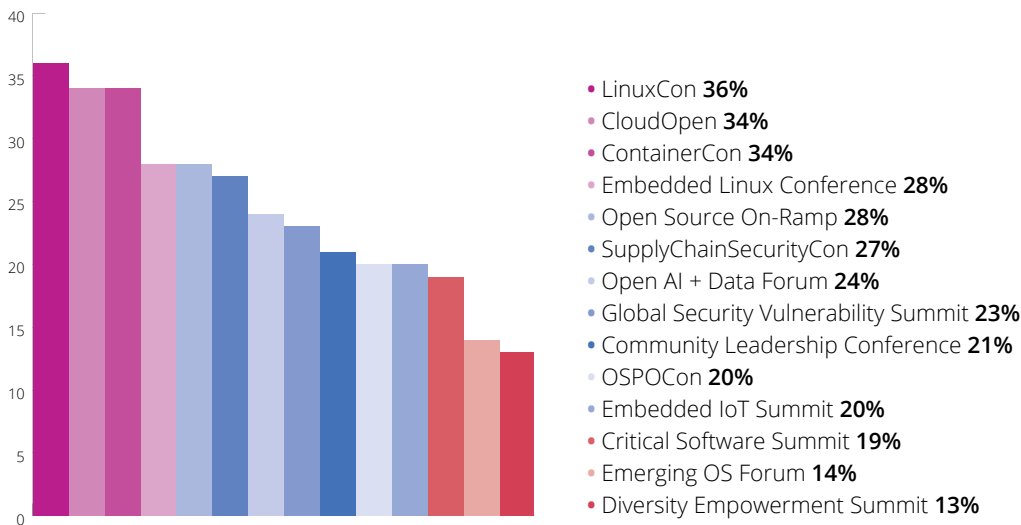
85% of respondents made valuable connections/were able to build relationships at the event

93% of respondents felt they had the right amount of time for networking/collaboration

93% of respondents said they are likely to join the event **in person** in the future

60% of respondents attended the event in person and **40%** attended virtually

When asked which of the events they were interested in, attendees responded with:



Attendees had the ability to select multiple events

Content

Featuring **288** talks including keynotes, tutorials, workshops, breakout sessions, BoFs, and lightning talks, **Open Source Summit North America** delivered exceptional content across the **14 micro-conferences** that made up the event - LinuxCon, Embedded Linux Conference, CloudOpen, ContainerCon, OSPOCon, Global Security Vulnerability Summit, SupplyChainSecurityCon, Critical Software Summit, Community Leadership Conference, Emerging OS Forum, Embedded IoT Summit, Diversity Empowerment Summit, Open AI + Data Forum and Open Source On-Ramp.

This year's Program Committee included **83** community members with a range of expertise. Together, they reviewed **790** submissions from our CFP, and ultimately accepted **288** talks - a **36.4%** acceptance rate.

“OPEN SOURCE SUMMIT IS A KNOWLEDGE-PACKED POWERHOUSE WHERE YOU CAN LEARN ALL THE COOL THINGS HAPPENING IN THE OPEN SOURCE WORLD.”

-GAURAV RAMAKRISHNA



Top Attended Sessions

Status of Embedded Linux

Tim Bird, Sony Corporation

Addressing Cybersecurity Challenges in Open Source Software

Stephen Hendrick, The Linux Foundation & Matt Jarvis, Snyk

K8s in a Submarine: Optimizing Delivery for Some of the Hardest-to-reach Systems on Earth

Jeff McCoy, Defense Unicorns

OSPOCon Keynote: OSPO News by TODO Group

Ana Jimenez Santamaria & Chris Aniszczyk, TODO Group

Assessing the Risk of Open-source Components Using OpenSSF's Scorecard

Laurent Simon, Google & Naveen Srinivasan, Endor Labs

OSPOCon Keynote: F5's Open Source Journey

Christine Abernathy, F5, Inc.

"Did You Miss My Comment or What?": Understanding Toxicity in Open Source Discussions

Courtney Miller, Carnegie Mellon University

Build, Run, and Share Your First EBPf Program in 5 Minutes

Lin Sun, solo.io

Delving into the Linux Boot Process for an ARM SoC

Ajay Kumar & Thiagu Ramalingam, Samsung

Global Security Vulnerability Summit Welcome & Opening Remarks

Brandon Lum, Google

**“THERE IS ALWAYS SOMETHING TO SEE, DO, AND LEARN AT THIS SUMMIT!
IT WAS AN EXTREMELY EDUCATIONAL AND ENJOYABLE EXPERIENCE.”**

Sponsor Showcase

In addition to content provided by industry leaders, OSS NA hosted both an in-person and virtual sponsor showcase with **67** of our sponsors hosting in-person exhibit booths and **50** hosting virtual booths.

Average in-person badge scans: **90**

Highest in-person badge scans: **423**

Total in-person badge scans: **5,587**

Average virtual booth visits: **23**

Highest virtual booth visits: **101**

Total virtual booth visits: **1,171**

“IT’S LIKE DOING A CRASH COURSE ON “WHAT’S NEW IN OPEN-SOURCE!””

-NEHA, KEPLO



Online Networking & Virtual Platform

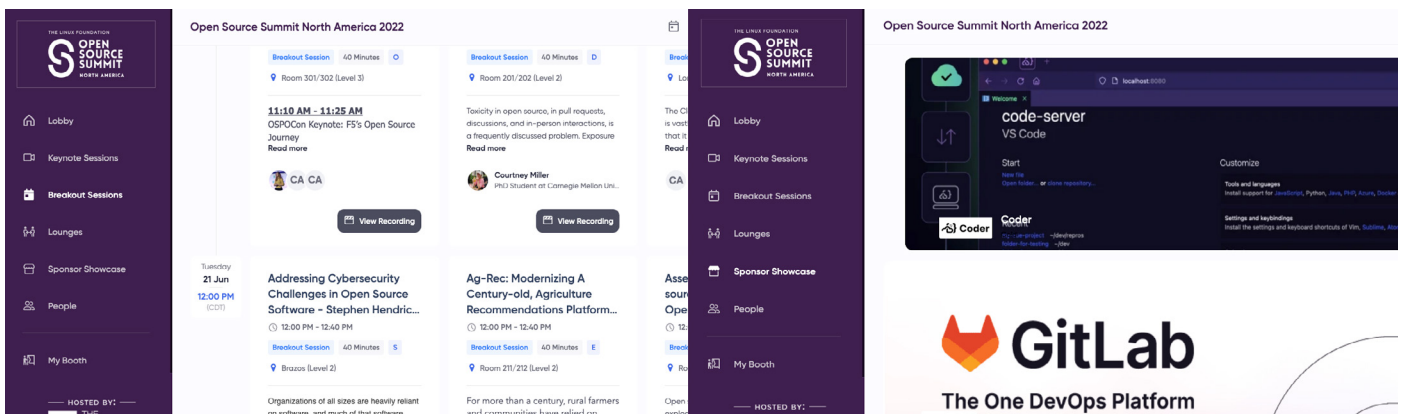
89% of respondents rated the quality of the virtual event component as “Good” or “Excellent”

83% of respondents felt the virtual event platform was easy to understand, access, and navigate through

70% of all attendees participated in the virtual experience

Virtual attendees were able to watch all content live in the platform as sessions aired, and could ask real-time questions to the speakers. Virtual attendees were able to network in topic-based lounges, and connect with sponsors in the sponsor showcase. All sessions will be available on-demand in the virtual platform for 30-days after the event, and then will move to The Linux Foundation YouTube for viewing.

“ THIS WAS A GREAT EVENT TO ATTEND VIRTUALLY, WITH SOMETHING FOR EVERYONE. ”
 -GAIL DILLARD



Event Experiences

Beyond enriching educational content, the event offered a plethora of activities designed to connect and strengthen our community and attendees' experiences, including these events/activities:

- 17 Attendees gathered for a special screening of the **MAMA BEARS Documentary**, which included Q&A with Equality Texas, Transgender Education Network of Texas and local Mama Bears
- The **Better Together Diversity Social**, which welcomed 25 underrepresented minorities in tech and invited allies
- **First-Time Attendee Breakfast**, which welcomed 188 newcomers and alumni
- **Women in Open Source Lunch**, which connected over 85 women and non-binary attendees
- 11 mentors were able to connect, and impact, 23 mentees in **Speed Mentoring**
- Attendees had the opportunity to meet with 9 subject-matter experts during **Ask the Expert Sessions**
- 8 attendees enjoyed a moment of zen during **Morning Yoga & Meditation**, 32 attendees got to experience the sights of Austin during the **5K Fun Run**, 27 attendees got to experience the art of Downtown Austin on the **Pedicab Tour**, and 42 attendees participated in the **Double-Decker Bus Tour**
- Attendees had the opportunity to have some iconic Texas BBQ and enjoy local musicians at the **Attendee Reception at Stubb's Bar-B-Q**

“ THIS WEEK I HAD A REALLY COOL EXPERIENCE SPENDING A WEEK IN AUSTIN FOR THE OPEN SOURCE SUMMIT NORTH AMERICA. AS ALWAYS, A VERY WELL ORGANIZED EVENT BY THE LINUX FOUNDATION. GOOD TALKS, I MET OLD FRIENDS AND MADE NEW ONES.”

-SERGIO PRADO, CONSULTANT & TRAINER AT EMBEDDED LABWORKS

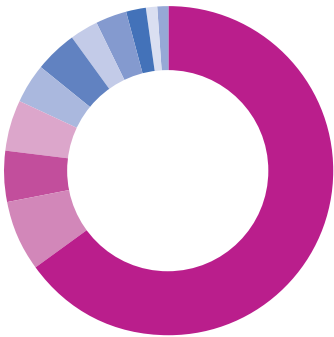
- Attendees gathered at the first-ever **Security Acronym Social Event at Pelon's Tex-Mex**
- The Dronecode Foundation & UVify lit up the night sky with a **Drone Light Show**
- Attendees had the opportunity to meet **Orion Jean, Keynote Speaker, Time Magazine's 2021 Kid of the Year and Author** of *A Kids Book About Leadership*, for a meet & greet and book signing
- Attendees were able mingle with some furry friends during **Puppy Pawlooza**

“ I REALLY ENJOYED THE OPTIONAL CONFERENCE ADD-ONS LIKE THE FIRST-TIME ATTENDEE BREAKFAST, WOMEN'S LUNCH, AND GROUP RUN, ETC. AS A SHY, FIRST-TIME ATTENDEE IT REALLY HELPED ME MEET/ TALK TO MORE PEOPLE!”



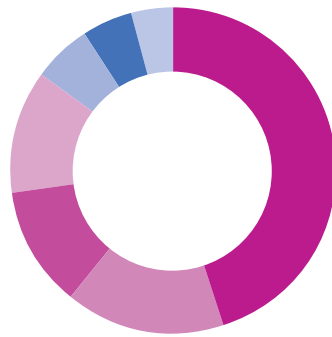
Attendee Demographics

- **2,771** total attendees: **1,286** In-person and **1,485** virtual
- Attendees from **1,041** organizations
- Attendees from **68** countries
- **70%** of registered attendees participated in the virtual experience
- **77%** of all attendees were from the United States, Canada, and Mexico



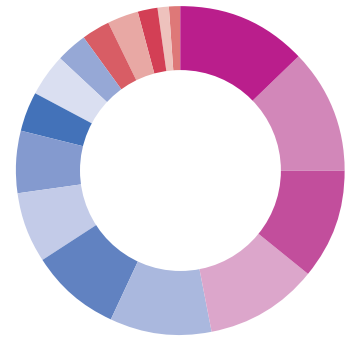
Industry

- Information Technology **65%**
- Non Profit Organization **7%**
- Financials **5%**
- Professional Services **5%**
- Automotive **4%**
- Telecommunications **4%**
- Consumer Goods **3%**
- Industrials **3%**
- Health Care **2%**
- Energy **1%**
- Materials **1%**



Job Level

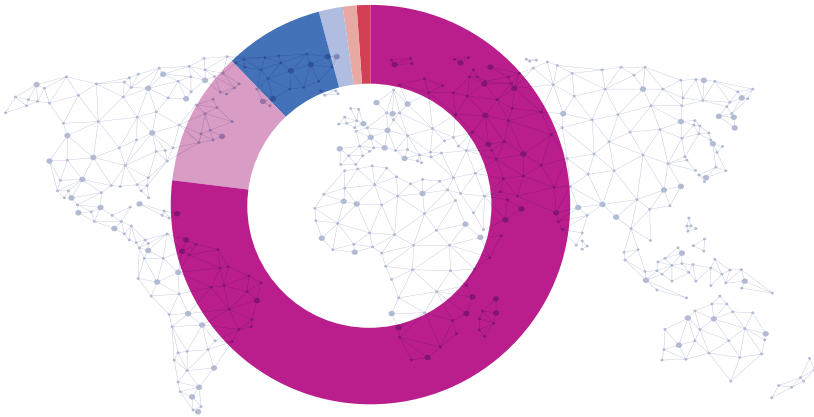
- Individual Contributor **45%**
- Manager **16%**
- Director **12%**
- Other **12%**
- CXO / ED **6%**
- VP / SVP / GM **5%**
- Academic **4%**



Job Function

- Other **13%**
- Architect **12%**
- Application Developer (Front-end/Back-end/Mobile/Full Stack) **11%**
- Systems/Embedded Developer **11%**
- Executive Leader **10%**
- DevOps/SRE/Sysadmin **9%**
- Manager - Technical Teams **7%**
- Marketing **6%**
- Kernel/Operating Systems Developer **4%**
- Manager - OSPO **4%**
- Product/Biz Dev **3%**
- Student **3%**
- Manager - Other **3%**
- Professor/Academic **2%**
- Media/Analyst **1%**
- Legal/Compliance **1%**

Attendee Demographics



Country

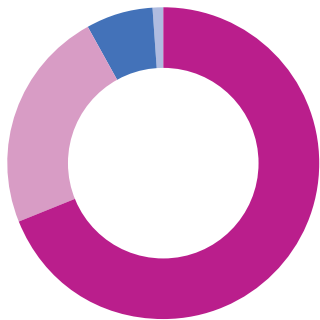
- **North America 77%**
Canada, Mexico, USA
- **Europe 11%**
Armenia, Austria, Belarus, Belgium, Bolivia, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kosovo, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom
- **Asia 8%**
Azerbaijan, Bangladesh, Cambodia, China, Hong Kong (SAR China), India, Iraq, Israel, Japan, Kazakhstan, Nepal, Pakistan, Philippines, Republic of Korea, Russian Federation, Singapore, Taiwan, Saudi Arabia, Turkey, United Arab Emirates
- **South America 2%**
Aruba, Argentina, Brazil, Chile, Colombia, Costa Rica, Ecuador, Mexico, Paraguay, Peru, Uruguay
- **Oceania 1%**
Australia, New Zealand
- **Africa 1%**
Cameroon, Ethiopia, Gambia, Kenya, Nepal, Nigeria, Senegal, Uganda



Diversity

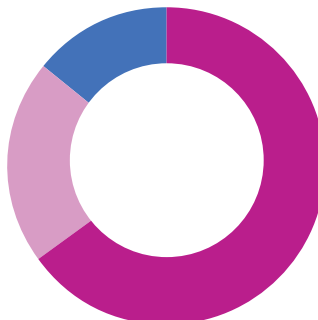
- **36%** of Keynote Speakers identified as women or non-binary
- **33%** of Program Committee members identified as women or non-binary
- **26%** of all conference speakers identified as women or non-binary
- An estimated **25%** of conference speakers identified as a person of colour
- **23%*** of attendees identified as women and non-binary
- **21%** of registered attendees identified as a person of color

**These are optional questions on our registration form that also include 'prefer not to answer' as an option, or can be skipped entirely, thus these numbers may be higher than reflected here.*



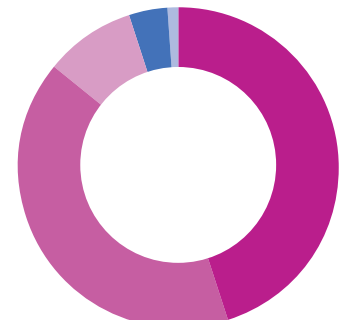
Gender Identity

- Male **69%**
- Female **23%**
- Other gender identity **1%**
- Prefer not to answer **7%**



Identifies as a person of color

- No **65%**
- Yes **21%**
- Prefer not to answer **14%**



Age

- 0-19 **1%**
- 20-39 **45%**
- 40-60 **41%**
- 61+ **4%**
- Prefer not to answer **9%**

Community Support

To encourage and increase the participation of a diverse community, The Linux Foundation offered diversity and need-based registration scholarships and travel funding for the event this year, providing **\$77,645** in funding for:

- **43** Diversity Scholarships
- **16** Need-Based Registration Scholarships
- Awarded **19** Diversity Travel Scholarships
- Awarded **15** Need-Based Travel Scholarships



Health & Safety

The health and safety of all conference attendees remains a critical focus and of utmost importance to us. Leading up to, and during the event, we continued to monitor the COVID-19 situation closely, and worked to put many measures and protocols in place. To keep everyone at the event safe, all were required to provide proof of vaccination, wear a mask throughout the event, get their temperature taken daily, and confirm a health attestation in order to participate.

In total, over the weeks since the event concluded, we have been made aware of 32 positive tests. This is 2.49% of the total attendance onsite. Fortunately, we have not been made aware of any serious cases and hope that everyone who tested positive is feeling better.

Social Media Highlights

Twitter

From June 16 - 27, 2022, Linux Foundation Twitter amassed **2.7M impressions**, with an **average of 245K impressions per day**. This was a dramatic increase from the previous year's OSS NA, which amassed 945K impressions on Twitter between September 24-October 4th, 2021.

During the period from June 17-27, Linux Foundation Twitter had **1.4K Link clicks**, **3.3K Retweets**, and **12.7K Likes**. Making great use of live video content uploaded frequently throughout the week, video shared on Twitter amassed **209K Media Views** and **25K Media Engagements**.

Altogether, Linux Foundation Twitter added **3500 new followers** over the course of OSSNA 2022.

Event-specific hashtags used during OSS NA include: #OSSUMMIT, #OTelDay, #OSSNA, #FinopsX, #OpenSSFDay, and #OSPOCON. Non-event specific hashtags used were: #Linux and #OpenSource.

Total impressions for event hashtags were:

#OSSUMMIT: 23M Impressions

#OSSNA: 1.7M Impressions

#OTELDAY: 900K Impressions

#FINOPSX: 2M Impressions

#OPENSSFDAY: 3M Impressions

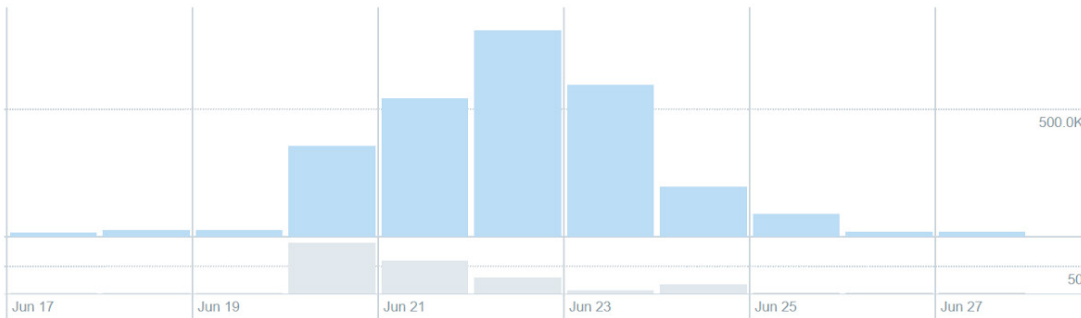
#OSPOCON: 63K Impressions

Total Event Hashtag Impressions: 30M

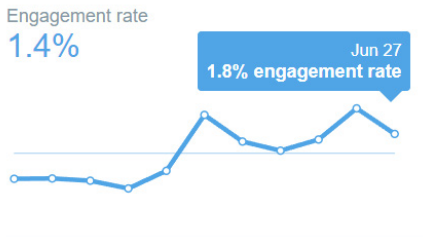
Social Media Highlights

2022 (June 17-27):

Your Tweets earned **2.7M impressions** over this **11 day** period



YOUR TWEETS
 During this 11 day period, you earned **245.6K impressions** per day.



On average, you earned **299 Retweets without comments** per day



On average, you earned **128 link clicks** per day



On average, you earned **1.2K likes** per day

Below are this year's most viewed tweets:

1. [Welcoming Cardano Foundation as a Linux foundation Gold Member](#): 549K Impressions, 14K Engagements.
2. [Linus Torvalds and Dirk Hohndel Fireside Chat](#): 586K Impressions, 19K Engagements.
3. [Cardano Joins Linux Foundation \(Live Announcement\)](#): 290K Impressions, 13K Engagements.

Social Media Highlights

Facebook

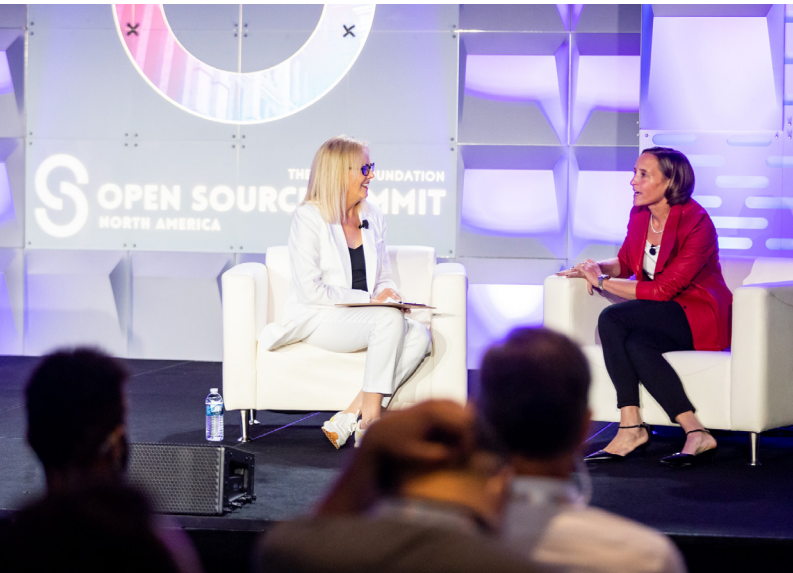
Posts on The Linux Foundation Facebook page garnered **200K Impressions** from June 17-27, 2022, **down from 300K Impressions** during OSS NA 2021 (September 24-October 4, 2021). Over the course of OSS NA 2022, **Linux Foundation Facebook saw no net change in followers.**

LinkedIn

Posts on The Linux Foundation LinkedIn garnered **279K Impressions** from June 17-27, 2022. This is a **28% increase from last year's OSS NA**, which saw 217K Impressions on LinkedIn between September 24- October 4, 2021. Over the course of OSS NA, **Linux Foundation LinkedIn added 2000 new followers.**

Media & Analyst Results

Important tech and open source reporters joined both in-person and virtually from outlets including: **ZDNet, O'Reilly Media, IBL News, WSJ, Politico, MIT Technology Review, Industry Dive, Dark Datanami, TFIR Media, The New Stack, The Register, TechStrongTV, and more.**



What Attendees Are Saying:

Jen Madriaga @JenInnovate · Jun 24
 Had a great week catching up with folks at #OSSummit in #Austin! Grateful to work in #opensource! #LifeAtRedHat @SirHairold @Thingee @amye @quaid @thomasdcameron @OSTIFamir

Bianca Trinkenreich @biancatrink · Jun 24
 The most wonderful part of doing this talk was having people coming to me after the session to say "thank you for bringing this up". 😊 I am the one to say thank you to the #OSSummit organizers, and to all in-person and online attendees. See you next time!

Colleen stands w/ @colleencoll · Jun 24
 The future looks bright...in Open Source. #OSSummit #networking #techtwitter #opensource #DevOps @HowDevelop

Shivay Lamba

Nithya Ruff @nithyaruff · Jun 24
 Spectacular is the word! Loved it. #OSSummit

The Linux Foundation @linuxfoundation · Jun 24
 Highlights from the #drone show last night! @Dronecode @PX4Autopilot 1/4
 Show this thread

Dustin Ingram @di_codes · Jun 23
 Loving @WhyHiAnnabelle's four steps towards open-source security's future at #OSSummit:

- Build for the need, not the what
- Implement small risks that can evolve
- Challenge assumptions about solutions at scale
- Focus on the human elements and connections

Ado Kukic @KukicAdo · Jun 27
 The #ossummit is a wrap! It was so much fun representing @digitalocean and getting to see so many familiar faces back in person!

Mritunjay Sharma @mritunjay394 · Jun 22
 It was such an amazing meeting two of my inspirations- @stephenaugustus and @JuliaFerraioli at the #OSSummit Austin 🥳
 Love what you both do for Open Source ❤️

Heather Joslyn @ha_joslyn · Jun 23
 #Linux over the Congress Avenue Bridge, Austin. #ossummit

Mritunjay Sharma @mritunjay394 · Jun 21
 Let's goooo #ossummit Austin ❤️

Shivay Lamba and Ashwin Kumar Uppala (He/Him)

Mark Atwood @Mark_Atwood · Jul 1
 One reason I go to tech events is about every other year I see a tech demo that I see is utterly transformative. This year it was at the Open Source Summit - Austin, and the project is @fermyontech

What Attendees Are Saying:

elenalape @elena_lape
#OSSummit has been a great experience so far. one, i got to jam with a number of super smart, super kind people.
two, it's my first time in texas, and austin totally has red dead redemption 2 vibes. i am "very" entertained by the saloons and the cowboy hats.

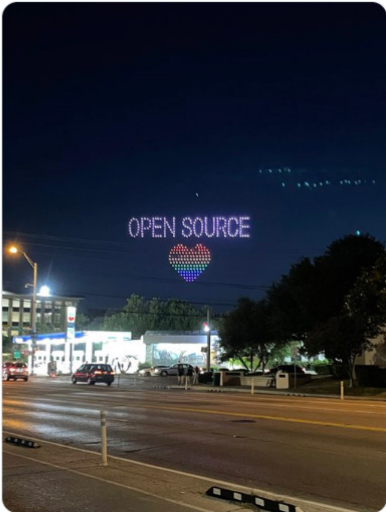
Vandana Salve · 2nd
Engineering Lead | Architect
3w · [Follow](#)

It's always a pleasure mentoring and guiding folks and 'Speed mentoring' was such a fun at Open source submit for 2022!!

<https://lnkd.in/dJj4rbVv>
#opensource #ossummit #linuxfoundation



Amir Montazery @OSTIFamir · Jun 23
SO cool! We are in the sky! Can't avoid us now #opensource



jacquie grindrod @devojsjacquie
Leaving a day early as our flight tomorrow was cancelled. I didn't get to finish everything I wanted to 😞 but it was so nice to meet friends, both old and new at #OpenSourceSummit ❤️

I loved the sessions I joined & hope you all have safe trips home 🙌🏻

Emily Jiang @emilyhjiang
Leaving #OSSummit #Austin and heading home 🏠! Great experience! Managed doing an early morning run along the river 😊! So pleased to meet up with a few colleagues @IBMDeveloper for the first time! It's awesome 😊 Even managed to sign some books to non #java #developers 😊



“ WHAT A GREAT WEEK OF SECURITY TALKS AT OPEN SOURCE SUMMIT 2022! GLAD TO REPRESENT JPMORGAN CHASE AND OPENSSEF AS A BOARD MEMBER TO DISCUSS IMPORTANCE OF OPEN SOURCE SECURITY IN THE MULTIPLE SESSIONS.

....THANKS LINUX FOUNDATION AND BRIAN BEHLENDORF FOR THE AWESOME CONFERENCE AND THE OPPORTUNITY. LOOKING FORWARD TO THE NEXT EVENT!”

-RAO LAKKAKULA, DIRECTOR, PRODUCT SECURITY AT JPMC, OPENSSEF BOARD MEMBER

Press Coverage

ZDNet - [At Open Source Summit, Linus Torvalds hosts another fireside chat](#)

Venture Beat - [OpenSSF details advancements in open-source security efforts](#)

Linux Insider - [Open-Source Technologies, Issues on Display at Linux Foundation Summit](#)

Yahoo Finance - [Linux Foundation Rewards StepSecurity's Impact on CI/CD Pipeline Security Fixes for Critical Open Source Projects](#)

Coinspeaker - [Cardano Joins The Linux Foundation as the First Non-Profit Gold Member](#)

Computer World - [Should you start going to business conferences again?](#)

ZDNet - [Slim.AI introduces beta software supply chain container security as a service](#)

Tech Radar - [WSL 2 distros now supported on Windows Server](#)

TechTarget - [Linux Foundation to standardize, simplify the DPU ecosystem](#)

BetaNews - [Popularity of open source software leads to security risks](#)

CSO Online - [Open-source software risks persist](#)

Cybersecurity Dive - [Organizations lag on confidence and policies to manage open source security](#)

CyberWire - [Open Source Software Security Begins to Mature](#)

Dark Reading - [Open Source Software Security Begins to Mature](#)

DevOps.com - [Survey Uncovers Depth of Open Source Software Insecurity](#)

Digital Information World - [Organizations Are Losing Faith in Open Source Security](#)

Infosecurity Magazine - [Less Than Half of Organizations Have Open Source Security Policy](#)

Neowin - [Open-Source code is unsafe and risky because of its rampant use](#)

POLITICO - [The problem with Roe digital security advice](#)

RT Insights - [Open Source Security Ubiquity May Be Its Undoing](#)

SD Times - [Indirect dependencies are increasingly causing trouble for organizations](#)

SDxCentral - [Will Vendor Responsibility Improve Open Source Security?](#)

Tech Radar - [Open source security is rapidly becoming a major concern](#)

TFiR - [Organizations Lack Confidence In Their Open Source Software Security](#)

The New Stack - [Inside a \\$150 Million Plan for Open Source Software Security](#)

The New Stack - [What's the State of Open Source Security? Don't Ask](#)

Venture Beat - [Researchers discover lack of confidence in state of open-source security](#)

Virtualization Review - [Open Source Security Ignored by Many Organizations](#)

ZDNet - [Blind trust in open source security is hurting us](#)



SAVE THE DATE FOR OTHER 2022 OPEN SOURCE SUMMIT EVENTS!

OPEN SOURCE SUMMIT LATIN AMERICA 2022

August 22-23, 2022 | Virtual Experience

OPEN SOURCE SUMMIT EUROPE 2022

Sep 13-16, 2022 | Dublin, Ireland + Virtual

OPEN SOURCE SUMMIT JAPAN 2022

December 5-6, 2022 | Tokyo, Japan + Virtual

SAVE THE DATE FOR OPEN SOURCE SUMMIT NORTH AMERICA 2023!

May 9-12, 2023

Vancouver Convention Centre | Vancouver, BC, Canada