

AWS
re:Invent

NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV

Nonprofit Impact

Attendee Guide 2021

Welcome!

On behalf of AWS, we're excited to welcome you to re:Invent 2021!

This year's conference is packed with best practices, usable examples, hands-on labs, and customer stories to help you make the most of the AWS Cloud to achieve your business goals.

In this guide, our AWS Nonprofit team has hand-selected breakout sessions and interactive sessions that explore key use cases driving innovation in the vertical, including use of high performance computing, edge computing, machine learning, and data lakes.

We are happy to have you along for the journey!

During your time at re:Invent, we hope you'll stop by the Impact Lounge by AWS Nonprofits in the Expo at The Venetian. You'll be able to meet our AWS Nonprofits team members and fellow nonprofit customers.

See you in Las Vegas!



Breakout Sessions

AWS re:Invent breakout sessions are lecture-style and 1 hour long.

These sessions take place across the re:Invent campus and cover all topics at all levels (200–400).

Sessions are delivered by AWS experts, customers, and partners, and they typically include 10–15 minutes at the end for Q&A.

AIM207

AI/ML for sustainability innovation: Insight at the edge

As climate change, wildlife conservation, public health, racial and economic equity, and new energy solutions become increasingly interdependent, scalable solutions are needed for actionable analysis at the intersection of these fields. In this session, learn how the power of AI/ML and IoT can be brought as close as possible to the challenging edge environments that provide data to create these insights. Also learn how AWS puts AI/ML in the hands of the largest-scale fisheries on the planet and how organizations can leverage data to support more sustainable, resilient supply chains.

Nelson Gonzalez

Wednesday, December 1 | 7:45 PM - 8:45 PM
Murano 3204, The Venetian

WPS204

Addressing climate change from space

According to a 2021 United Nations special report, climate change and extreme weather events are accelerating rapidly with widespread impacts on all continents. Using AWS, Digital Earth Africa turns continental-scale satellite imagery data of Africa into ready-to-use insights about the continent's environmental conditions in order to address social, environmental, and economic changes as they develop an ecosystem for innovation across sectors. Join this session for a demo of the Digital Earth Africa platform and how it uses Amazon EKS, AWS Lambda, Amazon EC2, and Amazon SNS in its solution architecture to empower African governments, NGOs, businesses, and communities as they address existential challenges like climate change.

Adam Lewis, Clive Charlton

Tuesday, November 30 | 2:00 PM - 3:00 PM
Summit 214, Caesars Forum

EUC301

Architecting for workforce agility with AWS end user computing

IT organizations today must have agile, secure, and reliable solutions to enable a global workforce and ensure that their users can be productive from anywhere. This session provides an overview of and best practices for Amazon WorkSpaces and Amazon AppStream 2.0. It also dives deep into implementing these services, including how to integrate them with your existing identity, security, networking, and storage solutions.

Carla Blickensderfer, Jeff Ferris

Wednesday, December 1 | 6:15 PM - 7:15 PM
Summit 228, Caesars Forum

WPS207

Culture change for accelerated digital transformation

The new normal for government since the start of the COVID-19 pandemic has required public services that can respond rapidly to disruption. Now, many citizens have new expectations from their governments. In this session, learn how leaders are pushing to deliver national modernizing reform programs, and discover how to be a champion by implementing transformation in your own area.

Aaron Snow, Liam Maxwell

Tuesday, November 30 | 5:00 PM - 6:00 PM
Palazzo A, The Venetian

WPS201

Innovating for digital health equity

UC Davis Health recently collaborated with AWS to launch the first Cloud Innovation Center (CIC) situated in a US-based academic medical center. The CIC focuses on digital health equity and uses innovative processes available from AWS to provide a space for clinicians, patients, and developers to exchange ideas, share prototype concepts, and validate open-source solutions focused on making digital health more equitable and accessible worldwide. Join this session to hear how the Digital Health Equity CIC creates physical and virtual spaces where multidisciplinary teams can brainstorm, collaborate, and prototype novel healthcare solutions.

Ashish Atreja, Soo Nadarajah

Monday, November 29 | 1:45 PM - 2:45 PM
Delfino 4002, The Venetian

STG209

Building a sustainable infrastructure with AWS Cloud storage

Sustainability is top-of-mind in IT environments, and cloud storage helps organizations reduce their carbon footprint by optimizing their storage footprint and energy consumption. This session explores these efficiencies and discusses ways to promote them as part of your organization's sustainability initiatives.

Christoph Bartenstein, Wayne Duso

Wednesday, December 1 | 8:30 AM - 9:30 AM
Palazzo C, The Venetian

ARC206

Sustainability in AWS global infrastructure

The global cloud infrastructure helps customers build reliable, available, secure, scalable, and fault-tolerant applications. AWS is also committed to innovating in sustainability as the organization works toward Amazon's goal of achieving net-zero carbon by 2040. In this session, learn how AWS continues to increase efficiency across their operations and review progress toward the goal of powering operations with 100% renewable energy. Also, hear an update on water stewardship programs at AWS and explore how AWS InCommunities is making a positive impact in the regions where AWS global infrastructure is built and operated.

Nat Sahlstrom

Thursday, December 2 | 12:15 PM - 1:15 PM
Delfino 4002, The Venetian

OPN301

Using Rust to minimize environmental impact

Rust is one of the most energy-efficient and safe programming languages. With Rust, it may be possible to reduce the environmental impact of the IT industry by 50% and prevent 70% of all high-severity CVEs. In this session, dive into the "super powers" of Rust, hear about the work ahead to give those powers to every engineer, and hear the ways you can contribute.

Carl Lerche, Shane Miller

Monday, November 29 | 11:30 AM - 12:30 PM
Lando 4202, The Venetian

IOT206**Scaling sustainability solutions with IoT**

In this session, learn how companies are deploying secure IoT solutions on AWS that span from the edge to the cloud and integrate machine learning to enable a more sustainable future. Also, hear from Sandy Coleman, SVP at Enlighted (a Siemens company), on how Enlighted builds sustainable IoT solutions with AWS.

Mark Relph

Wednesday, December 1 | 7:00 PM - 8:00 PM
Delfino 4104, The Venetian

EUC305-S**Engineering for social impact through the power of HPC**

Intel and AWS are collaborating on a new high performance computing (HPC) program to support users who are aiming to find solutions to the world's most urgent social and environmental challenges. This session provides insight into the computing initiative that Intel and AWS are leading with major social impact organizations. This presentation is brought to you by Intel, an AWS Partner.

Tuesday, November 30 | 2:45 PM - 3:45 PM
Lido 3006, The Venetian

**AMZ202****Driving sustainable operations at Amazon and Climate Pledge Arena**

Learn how AWS Professional Services and Amazon Sustainability teams are using AWS services to ingest and analyze energy, water, and air-quality data and build forecasting models. In this session, learn about carbon methodology, data discovery, security, and design patterns.

Rahul Sareen, Julia Raish, Rob Johnson

Wednesday, December 1 | 10:00 AM - 11:00 AM
Summit 214, Caesars Forum

CMP209**Harnessing the power of edge computing to innovate**

In this session, hear directly from AWS customers who are using near real-time access to AWS infrastructure via AWS Wavelength (cloud computing infrastructure embedded within telecommunications networks) and AWS Local Zones (cloud computing infrastructure located in major metropolitan areas) to launch new applications in various fields.

Tuesday, November 30 | 11:45 AM - 12:45 PM
Palazzo B, The Venetian

ARC325**Architecting for sustainability**

This session dives deep into techniques recommended by the AWS Well-Architected Framework and provides direction on reducing the energy and carbon impact of AWS architectures. Learn about user patterns, software design, and AWS service considerations, which organizations of any size can apply to their workloads.

Drew Engelson, Erin McGill, Adrian Cockcroft, Margaret O'Toole, Steffen Grunwald

Thursday, December 2 | 4:00 PM - 5:00 PM
Summit 214, Caesars Forum

STP213**How startups are building solutions for a sustainable future**

In this session, learn how startups are delivering scalable solutions to support a wide range of programs, including energy efficiency, renewable energy, sustainable transportation, and sustainable agriculture. Also, discover how to manage the data needed to measure and share your progress.

Akhil Aryan, Dani Traphagen

Tuesday, November 30 | 5:45 PM - 6:45 PM
Delfino 4006, The Venetian

Interactive sessions

WORKSHOPS

Workshops are 2-hour hands-on sessions where you work in teams to solve problems using AWS services. Workshops organize attendees into small groups and provide scenarios to encourage interaction, giving you the opportunity to learn from and teach each other.

Each workshop starts with a short lecture (10–15 minutes) by the main speaker, and the rest of the time is spent working as a group. There are additional AWS experts in the room to make sure every group has the assistance they need. Come prepared with your laptop and a willingness to learn! We will provide any AWS credits you may need.

LFS304

Accelerate science by unifying data silos across the enterprise

When shifting to data-driven decision-making, customers—especially those in the life sciences—often struggle with the need to access data and free it from organizational silos. In this workshop, learn how to build an effective data fabric/enterprise data platform on AWS that can be used to make data discoverable, secure, and interoperable. Free your data from silos and minimize unnecessary data movement. Utilizing AWS Glue, Amazon Athena, AWS Lake Formation, Amazon S3, Amazon SageMaker, Amazon EMR, and Amazon Redshift, bring together disparate data sources from across the enterprise. Use what you learn to build a scalable data fabric to serve as the foundation for any data science effort.

Navneet Srivastava, David Fletcher

Wednesday, December 1 | 11:30 AM - 1:45 PM
Cristal 3, Wynn

WPS301

Event-driven data processing with AWS Ground Station

Many organizations use AWS to process their satellite data on demand and to scale that data with their mission needs. In this workshop, learn how to use AWS Ground Station to receive satellite data. Then, implement a system to take actual satellite data, complete event-driven data processing, and generate final imagery products and insights that you can keep at the end of the workshop.

Buffy Wajvoda, Nathan McGuirt

Wednesday, December 1 | 12:15 PM - 2:30 PM
Cristal 1, Wynn

BUILDERS' SESSIONS

These are 60-minute small group sessions with up to six attendees per table, and one AWS expert, who is there to answer questions and provide guidance. It's just you, your laptop, and the AWS expert.

Each builders' session begins with a short explanation or demonstration of what you are going to build. There won't be any formal presentation. Once the demonstration is complete, use your laptop to experiment and build with the AWS expert.

ANT312-R1 & ANT312-R2

Building a secure, modern data architecture with AWS analytics

In this builders' session, learn how to build a secure modern data architecture to combine various disparate data sources using AWS Lake Formation, Amazon AppFlow, AWS Database Migration Service, and AWS Glue. Gain an understanding of key architecture tenets for ingestion patterns, design factors for securely storing data, how to apply granular security policies, data cataloging, and transformation for consumption.

Uday Narayanan, Changbin Gong, Amir Basirat, Christopher Sharkey, Babak Darashte, Sakti Mishra, Shree Kenghe

Tuesday, November 30 | 6:30 PM - 7:30 PM
Academy 417, Caesars Forum
Friday, December 3 | 10:45 AM - 11:45 AM
Marco Polo 704, The Venetian

WPS305

Build high-performance research computing environments with AWS

Join this builders' session for an introduction to high performance computing (HPC) on the cloud. Learn how to build a personal, elastic high-performance research computing environment suited for processing biomedical imaging workloads (for example, cryo-EM and cryo-ET). Find out how to use AWS ParallelCluster to deploy GPU-accelerated HPC environments in minutes, and discover how AWS HPC technology helps world-leading groups like the New York Structural Biology Center (NYSBC) and Thermo Fisher reduce time to science.

Brian Skjerven, Natalie White, Drew Dresser, Nihit Pokhrel, Evan Bollig, Chris Pollard, Josiah Bjorgaard

Tuesday, November 30 | 3:30 PM - 4:30 PM
Lafite 9, Wynn

CHALK TALKS

Chalk talks are a highly interactive content format with a small audience. Each begins with a short lecture (10–15 minutes) delivered by an AWS expert, followed by a 45- or 50-minute Q&A session with the audience. The goal is to foster a technical discussion around real-world architecture challenges. Chalk talks are one hour long and contain expert-level content presented by AWS experts.

Chalk talks have one main speaker and one or two additional AWS experts who work through problems and solutions on a whiteboard as the discussion unfolds. There will be hundreds of chalk talks at re:Invent 2021, so be sure to carefully choose the ones that are most interesting to you and come with questions!

WPS208 Delivering citizen insights in real time with Amazon Connect

Learn how to spin up a scalable, secured, and cost-effective contact center quickly to improve overall customer experience using AWS offerings like Amazon Connect and AWS machine learning services. This interactive chalk talk demonstrates current practices for deploying contact center solutions in minutes using AWS serverless architecture. Also, discover how Amazon Connect delivers insights in real time to help agents and supervisors better understand and respond to customer needs.

Ganapathi Chandrasekaran, Ayesha Borker
Monday, November 29 | 4:45 PM - 5:45 PM
Forum 126, Caesars Forum

BOA202-R1 & BOA202-R2 5 ways to stay on top of your cloud learning journey

No matter what project you're building, as a developer, you want to know which building blocks to pick and how to use them. How do you learn, experiment, and build on AWS while keeping your costs low? In this chalk talk, walk through different approaches that you can take to discover AWS and start working with its foundational services. Also learn about best practices, tools, and cost-saving measures to optimize your learning experience in the cloud.

Kunal Batra
Monday, November 29 | 10:00 AM - 11:00 AM
Alliance 311, Caesars Forum
Tuesday, November 30 | 2:00 PM - 3:00 PM
Palmer 2, Wynn

WPS202-R1 Methods for analyzing climate and weather data

Join this chalk talk to learn how AWS services including Amazon S3, Amazon Athena, AWS Fargate, and Amazon EKS can be used to store, process, and analyze weather and climate datasets. See how data analysis can help you solve practical problems, like how hot it will be tomorrow, if your building will flood more frequently over the next 100 years, or how much solar power you will generate in the next hour.

Zac Flamig
Monday, November 29 | 10:45 AM - 11:45 AM
Montrachet 2, Wynn

WPS209-R1 Illustrating changes on the earth with insights from space

In this chalk talk, learn how Ursa Space Systems has integrated Amazon EC2, Amazon S3, Amazon SageMaker, and AWS Ground Station into a complete solution architecture to revolutionize earth monitoring and change detection applications in support of disaster response, pipeline monitoring, and maritime route optimization.

Eric Cote, Tim Sills
Monday, November 29 | 5:30 PM - 6:30 PM
Forum 110, Caesars Forum



Other recommendations

STOP BY THE IMPACT LOUNGE BY AWS NONPROFITS IN THE EXPO AT THE VENETIAN

AWS is dedicated to a world where every person has the opportunity to live a life of dignity on a healthy planet. Tens of thousands of nonprofits and non-governmental organizations use AWS to increase their impact and advance mission goals.

For the first time at re:Invent, you can stop by the Impact Lounge in the Expo at The Venetian to learn how these organizations use AWS to increase impact. Whether you're an executive at a commercial company or AWS Partner or a developer in the public sector, stop by to directly hear from AWS experts and nonprofits about how they're innovating for impact.

Keynotes



Adam Selipsky Keynote

Adam Selipsky is the CEO of Amazon Web Services (AWS), the world's most comprehensive and broadly adopted cloud platform. Having previously led AWS Marketing, Sales, and Support for 11 years, from 2005–2016, Selipsky helped launch and grow AWS from a startup into a multi-billion dollar business. Prior to rejoining AWS in 2021, Selipsky was most recently President and CEO of Tableau Software. He led Tableau through its acquisition by Salesforce, in what was the third-largest software industry acquisition at the time. Selipsky has also held various leadership roles at RealNetworks, and before that, was a Principal at strategy consulting firm Mercer Management Consulting. He has an AB in government from Harvard University and an MBA from Harvard Business School.



Dr. Werner Vogels Keynote

Dr. Werner Vogels is Chief Technology Officer at Amazon.com, where he is responsible for driving the company's customer-centric technology vision. As one of the forces behind Amazon's approach to cloud computing, he is passionate about helping young businesses reach global scale and transforming enterprises into fast-moving digital organizations. Vogels joined Amazon in 2004 from Cornell University, where he was a distributed systems researcher.



Peter DeSantis Keynote

Peter DeSantis is the Senior Vice President of AWS Global Infrastructure and Customer Support. In this role, he leads the AWS teams responsible for designing the data centers, servers, and network that underpin our AWS services and for deploying and operating this infrastructure worldwide as well as for the customer-facing organizations providing support for our AWS products.

Live stream sponsored by:



Machine Learning Keynote

Swami Sivasubramanian is Vice President at AWS in charge of all Amazon AI and machine learning services. His team's mission is "to put machine learning capabilities in the hands of every developer and data scientist." Swami and the AWS AI and ML organization work on all aspects of machine learning, from ML frameworks (TensorFlow, Apache MXNet, and PyTorch) and infrastructure, to Amazon SageMaker (an end-to-end service for building, training, and deploying ML models in the cloud and at the edge), and finally AI services that make it easier for app developers to incorporate ML into their apps with no ML experience required.



Global Partner Summit Keynote

Join us for the Global Partner Summit keynote, presented by Doug Yeum, Head of AWS Partner Organization, Sandy Carter, Vice President, Worldwide Public Sector Partners and Programs, and Stephen Orban, General Manager of AWS Marketplace and Control Services. You'll learn about cloud-powered innovation and the opportunity it creates for AWS Partners, as well as how AWS Partners use the AWS Cloud to build innovative solutions and services, differentiate their businesses, and enable customers in virtually every industry to transform their businesses.

Live stream sponsored by:



Leadership sessions

Leadership sessions*



SPOTLIGHT SESSION

All Builders Welcome

LaDavia Drane

Director, Inclusion, Diversity & Equity



SPOTLIGHT SESSION

AWS Executive Panel

Francesca Vasquez

Vice President, Technology



*Sessions are subject to change

Leadership sessions*



AWS Marketplace

Stephen Orban

General Manager, AWS Marketplace



AWS Public Sector

Max Peterson

Vice President, Worldwide Public Sector



AWS Public Sector Partners

Sandy Carter

Vice President, Worldwide Public Sector
Partners and Programs



AWS Storage

Mai-Lan Tomsen-Bukovec

Vice President, Worldwide Public Sector
Partners and Programs



AI/ML

Bratin Saha

Vice President, Machine Learning

Leadership sessions*



Analytics

Rahul Pathak

Vice President, Analytics



Architecture

Brian Taptich

Vice President, AWS Worldwide
Specialist Organization



Business Applications

Peter Hill

Vice President, Business Applications



Cloud Operations

Bill Vass

Vice President, Engineering – Storage,
Automation, Streaming & Management



Compute

David Brown

Vice President, Amazon EC2

Leadership sessions*



Containers

Deepak Singh

Vice President, Compute Services



Databases

Jeff Carter

Vice President, Relational Databases



Developer

Ken Exner

Director, AWS Developer Tools

Live stream sponsored by:

snyk



Edge

Bill Vass

Vice President, Engineering – Storage,
Automation, Streaming & Management



Enterprise and Migration

Todd Weatherby

Vice President, Professional Services

Leadership sessions*



IoT

Michael MacKenzie
General Manager, AWS IoT



Networking & Content Delivery

David Brown
Vice President, Amazon EC2



Security, Compliance, and Identity

Stephen Schmidt
Vice President and Chief Information
Security Officer

Live stream sponsored by:



Serverless

David Richardson
Vice President, Serverless



Training & Certification

Maureen Lonergan
Director of AWS Training and Certification

Learn



Choose the learning methods that work for you



Breakout sessions

Available from intermediate (200) through expert levels (400), so you can grow your skills, no matter where you are in your career. Select from any track, level, or available session type to tailor your re:Invent experience.



Workshops

Workshops are two-hour hands-on sessions where you work in teams to solve problems using AWS services. Workshops organize attendees into small groups and provide scenarios to encourage interaction, giving you the opportunity to learn from and teach each other.



Chalk talks

Chalk talks are a highly interactive content format with a small audience. Each begins with a short lecture (10–15 minutes) delivered by an AWS expert, followed by a 45- or 50-minute Q&A session with the audience.



Builders' sessions

These are 60-minute small group sessions with up to six attendees per table, and one AWS expert, who is there to answer questions and provide guidance. It's just you, your laptop, and the AWS expert.

Choose the learning methods that work for you



Training and Certification

Learn directly from AWS experts and get practical experience with real-world cloud scenarios. Skill up fast with a bootcamp, show your expertise by earning an AWS Certification, and practice your craft with one of our labs.



AWS DeepRacer

Developers of all skill levels can compete in virtual races during re:Invent for a chance to win prizes and glory! Tune in to AWS DeepRacer TV throughout re:Invent to catch the championship action.



Jams and GameDays

Test your skills in implementing AWS solutions by solving real-world problems in a gamified, risk-free environment. Take part in collaborative and interactive learning exercises—and win prizes!



Expo

Learn from AWS experts and partners. The Expo at The Venetian will be host to AWS Village, AWS Partner Network, AWS Marketplace, Builders' Fair, Developer Lounge, a demo theater, Jam Lounge, Startup Central, and sponsor booths.

Play



Play



Midnight Madness

Once again this year, we will be hosting an AWS-style pep rally to kick off the week and welcome our most dedicated fans. Midnight Madness provides a sneak peek into re:Invent, complete with the first product launch of re:Invent 2021.



Quirky

Experience Amazon's unique culture at one (or more!) of our Quirky events. Whether it's board games, bingo, or a sneak peek of one of your favorite Amazon TV shows, we've got something for everyone.



re:Play party

For our 10th annual re:Play party, we have an amazing lineup, featuring all the classic re:Play activities like dodgeball and office chair grand prix, and we have a very special musical headliner. Stay tuned for more information!



Restaurant receptions

Join the conversation at our vibrant restaurant receptions. Meet people from across the tech world and connect on topics of interest to you at a range of wonderful venues.

Reserved seating

RESERVED SEATING WALKTHROUGH

Navigate to the session catalog

After logging in to the event portal, click on the side nav and click "Sessions".



portal.awsevents.com/events/reInvent2021/dashboard/event/sessions

AWS Events

AWS re:Invent 2021

▼ Event

My calendar

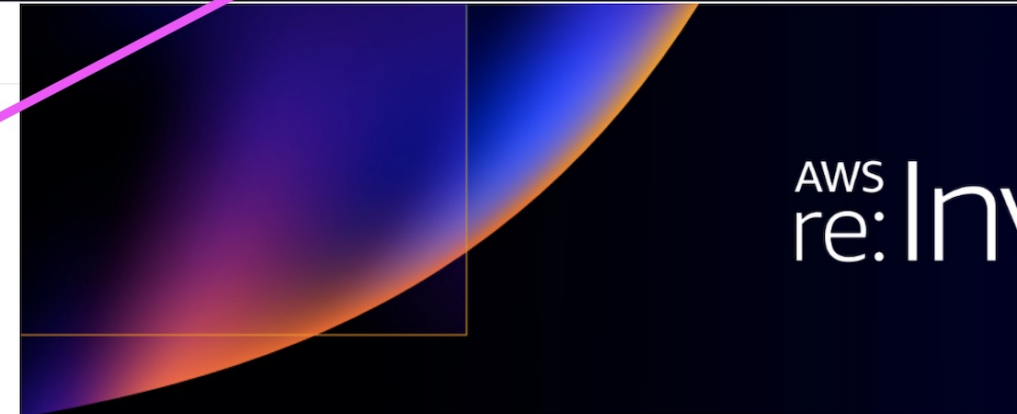
Sessions

► Registration information

► Payment

Contact us

AWS Code of Conduct



AWS re:Invent 2021 > Event > Sessions

Sessions

All sessions

My favorites

My reservations

Q Search sessions by keyword

Showing 25 of 881 sessions

▼ Cost

- ☐ Paid sessions
- ☐ Free sessions

▼ Days

- ☐ Monday



15 years of AWS with J

BOA201

Amazon S3 and Amazon EC2 are...
this breakout session, have a chat...
customers keep surprising us with...
and shares lessons on how to bes...

Session type: Breakout Session

Topics: BuildOn.AWS

Session level: 200 - Intermediate

RESERVED SEATING WALKTHROUGH

Using catalog filters

When viewing the session catalog, there is a set of filters available on the left sidebar of the sessions catalog that shows a variety of filters you can use while browsing. Filters include: price, day of the week, difficulty level, session type, topic, AWS service, and industry.



AWS re:Invent 2021 > Event > Sessions

Sessions

All sessions

My favorites

My reservations

Showing 25 of 881 sessions

▼ Cost

- ☐ Paid sessions
- ☐ Free sessions

▼ Days

- ☐ Monday
- ☐ Tuesday
- ☐ Wednesday
- ☐ Thursday
- ☐ Friday

▼ Session level

- ☐ 100 - Foundational
- ☐ 200 - Intermediate
- ☐ 300 - Advanced
- ☐ 400 - Expert

▼ Session type

★ 15 years of AWS with Jeff Barr

BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and in this breakout session, have a chat with him about how AWS customers keep surprising us with their amazing projects and shares lessons on how to best build on AWS. Last but

Session type: Breakout Session**Topics:** BuildOn.AWS**Session level:** 200 - Intermediate**Job Role:** Developers, Architect

★ 5 ways to stay on top of your cloud learn

BOA202-R1 Repeat

No matter what project you're building, as a developer, you learn, experiment, and build on AWS while keeping your skills sharp to discover AWS and start working with its foundational services to optimize your learning experience in the cloud.

Session type: Chalk Talk**Topics:** BuildOn.AWS

RESERVED SEATING WALKTHROUGH

Using catalog search

At the top of the session catalog, there is a search bar where you can enter freeform text to search the full catalog. The search box searches through all of the displayed text fields of a session, including session ID, title, abstract, and level.

[AWS re:Invent 2021](#) > [Event](#) > [Sessions](#)

Sessions

[All sessions](#)[My favorites](#)[My reservations](#)

Showing 25 of 881 sessions

▼ Cost

- ☐ Paid sessions
- ☐ Free sessions

▼ Days

- ☐ Monday
- ☐ Tuesday
- ☐ Wednesday
- ☐ Thursday
- ☐ Friday

▼ Session level



15 years of AWS

BOA201

Amazon S3 and Amazon S3 Glacier customers keep surprising us with new use cases and shares lessons on how to get the most out of S3.

Session type: Breakout**Topics:** BuildOn.AWS**Session level:** 200 - Intro**Job Role:** Developers, Architects

5 ways to stay

RESERVED SEATING WALKTHROUGH

Favoriting and un-favoriting a session

When viewing the session catalog, any session shown in the results has a star icon on it. Clicking that star will mark it as a favorite. To un-favorite it, simply click the star again.



15 years of AWS with Jeff Barr

BCA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP of AWS, will be leading this breakout session, have a chat with him about how AWS was born, how it has grown, and how customers keep surprising us with their amazing projects. Along the way, Jeff will share and shares lessons on how to best build on AWS. Last but not least, go

Session type: Breakout Session

Topics: BuildOn.AWS

Session level: 200 - Intermediate

Job Role: Developers, Architect

RESERVED SEATING WALKTHROUGH

Reserving a session

For events with reserved seating, when a session has available seats, the button on the session card will say “Reserve seat”.

For sessions with a price greater than zero, the button will say “Buy for <price>”. Clicking purchase will open up the purchase form where you can complete your transaction. Once the transaction is complete, that session will show on your reservations list.



A practical guide to building an industrial data lake on AWS

MFG301

Analyzing the massive quantities and types of data generated in an industrial setting can enable effective into production optimization opportunities. An industrial data lake is foundational to help manage and st insights for their factory digital transformation efforts. This chalk talk walks through the steps to building industrial customer.

Session type: Chalk Talk

Topics: Manufacturing

Session level: 300 - Advanced

[Reserve a seat](#)

Date

Time

Loca



AWS Cloud Technical Essentials (option 1)

TNC101-R2 [Repeat](#)

This bootcamp introduces you to essential AWS services and common solutions. The bootcamp covers fun security. It also explores concepts that increase your understanding of AWS services, so you can make mor apply highly available, fault-tolerant, scalable, and cost-effective cloud solutions.

Session type: Bootcamp

Topics: Training and Certification

Session level: 100 - Beginner

[Buy for \\$1.00](#)

Date

Time

Loca

RESERVED SEATING WALKTHROUGH

Waitlisting a session

When a session has no seats available, because the capacity has already been met, then the button will say “Join waitlist”. If you join a waitlist for a session, and a seat becomes available in that session, you may automatically be placed in that session and we will notify you via email.



15 years of AWS with Jeff Barr

BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP and Chief Evangelist at AWS, has been born, how the developer experience has evolved over the years, and how customers keep surprising us with the AWS community and shares lessons on how to best build on AWS. Last but not least, go back in time as Jeff

Session type: Breakout Session

Topics: None

Session level: 200 - Intermediate

Join waitlist

RESERVED SEATING WALKTHROUGH

Viewing your favorites, reservations, and waitlisted sessions

Along the top of the catalog page, there are 3 tabs: 1) All sessions, 2) My favorites, and 3) My reservations. Clicking on “My favorites” will show you a list of only sessions you have favorited. Clicking on “My reservations” will show you a list of items you have reserved or waitlisted.



[AWS re:Invent 2021](#) > [Event](#) > [Sessions](#)

Sessions

[All sessions](#)[My favorites](#)[My reservations](#)

 *Search sessions by keyword*

Showing 25 of 881 sessions

▼ **Cost**

RESERVED SEATING WALKTHROUGH

Cancelling a reservation or waitlist

When viewing a session, in any tab, if you have reserved or waitlisted, you can cancel that action by simply clicking the button again. It will show a dropdown that says "Cancel reservation" or "Leave waitlist".



Automating content moderation to improve digital safety

AIM307

The volume of user-generated content and third-party content has been exploding in social media, online end users, companies need to find a way to review audio, image, video, and text content at scale for potential content. This chalk talk provides hands-on experience to implement a multimodal AI content moderation solution using speech (Amazon Transcribe), and text (Amazon Comprehend).

Session type: Chalk Talk

Topics: Artificial Intelligence and Machine Learning

Session level: 300 - Advanced



Reserved ▲

Cancel reservation

BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP and Chief Evangelist, will share how the developer experience has evolved over the years, and how customers keep the community and shares lessons on how to best build on AWS. Last but not least, go back to the beginning.

Session type: Breakout Session

Topics: None

Session level: 200 - Intermediate



Waitlisted ▲

Leave waitlist

RESERVED SEATING WALKTHROUGH

Viewing your calendar

In the main navbar on the left of the session catalog, you will see a link that says “My calendar”.



AWS Events

Reserved Seating Demo 2021

Event

[My calendar](#)[Sessions](#)[Speaker dashboard](#)[▶ Registration information](#)[▶ Payment](#)[Contact us](#)[AWS Code of Conduct](#)[Reserved Seating Demo 2021](#) > [Event](#) > [My calendar](#)

< November 2021 >

	Mon	Tue
	29	30
12 am		
1 am		
2 am		
3 am		

RESERVED SEATING WALKTHROUGH

Viewing your calendar

If you navigate to the calendar, you will see all of your favorites, reserved seats, and waitlisted seats on the corresponding days that those sessions are scheduled.



[Reserved Seating Demo 2021](#) > [Event](#) > [My calendar](#)

< November 2021 >

	Mon 29	Tue 30	Wed 01	Thu 02
12 am				
1 am				
2 am				
3 am				
4 am				
5 am				
6 am				
7 am				
8 am				
9 am				
10 am			Achieve high performance and cost-e... 10:00 AM – 11:00 AM	Amazon Lightsail: Move your first ap... 10:00 AM – 11:00 AM
11 am				
12 pm				
1 pm			Automating content moderation to i... 1:00 PM – 2:00 PM	
2 pm				
3 pm				

Make a plan

Building your agenda

SESSIONS

Breakout sessions are lecture-style and one hour long. Sessions are delivered by AWS experts, customers, and partners, and they typically include 10–15 minutes at the end for Q&A.

WORKSHOPS

Workshops organize attendees into small groups and provide scenarios to encourage interaction, giving you the opportunity to learn from and teach each other.

50%

25%

15%

10%

CHALK TALKS

Chalk talks are one hour long and contain expert-level content presented by AWS experts. The goal is to foster a technical discussion around real-world architecture challenges

BUILDERS' SESSIONS

These are 60-minute small group sessions with up to six attendees per table, and one AWS expert, who is there to answer questions and provide guidance.



PRO TIP:

Breakout sessions should make up the bulk of your plan. You can find customers directly speaking about their real-world experiences of using AWS products and services in sessions!

Building your agenda



PRO TIPS:

- Make sure to watch the leadership sessions that are most relevant to your areas of interest to get the most strategic updates.
- Be sure to not miss out on all the keynotes, as that's where you'll catch the biggest AWS launches.
- re:Invent always tries to feature many customers directly speaking about their real-world experiences of using AWS products and services. You'll find them in many breakout sessions, as well as keynotes.
- Think about topics that are currently mission critical to your team, and topics you're interested in learning more about.
- Breakout sessions will be available to watch virtually, even if you are registered for in-person re:Invent.
- Make an extensive list of sessions to watch! Favorite lots of sessions so when reserved seating goes live, you have lots of options.

Got free time on your schedule?

There are many learning opportunities across the re:Invent campus in Las Vegas that require no reservation. Drop by the Expo, visit a content hub, or practice your craft in one of our labs.



Expo

Learn from AWS experts and partners. The Expo at The Venetian will be host to AWS Village, AWS Partner Network, AWS Marketplace, Builders' Fair, Developer Lounge, a demo theater, Jam Lounge, Startup Central, and sponsor booths. Come by and see all that the Expo has to offer!



Content hubs

Breakout session repeats will take place all week in all re:Invent venues, along with overflow sessions in our content hubs (centralized overflow rooms in every venue). We will also stream live content to the content hubs as the sessions fill up.



Labs

Practice your craft in a live AWS sandbox environment. Try any of our 100+ self-paced labs on your own, or reserve time with an AWS expert who can coach and guide you. Whether you're just starting out or honing your technical skills, learn by doing with labs.

Your re:Invent checklist

- ☐ Register for re:Invent / Book your hotel / Book your travel reservations / Upload your badge photo
- ☐ If attending in person, review the [health measures](#) in place for this year's re:Invent
- ☐ Visit the [re:Invent website](#) to stay up to date on announcements
- ☐ Add all five [keynotes](#) to your agenda
Pro Tip: This is where you'll catch the biggest AWS launches
- ☐ Add your favorite leadership sessions to your agenda
- ☐ Get ready for reserved seating: favorite the learning sessions of interest to you
- ☐ Familiarize yourself with sponsors in the [Expo](#), along with the Expo map
- ☐ If you're attending with a team, connect with your colleagues to plan how to conquer the many hours of content
Pro Tip: Don't forget to find time to reconvene with your team and debrief on everyone's learnings
- ☐ Check out the [Play](#) activities and add them to your agenda
- ☐ Watch all the [How to re:Invent](#) videos to prepare for the week
- ☐ Follow Amazon Web Services on Instagram, Facebook, LinkedIn, and Twitter

Useful resources

Useful resources

How to re:Invent

Everything you need to know about how to re:Invent. Insider tips, planning advice, and interviews with re:Invent experts. Stay tuned for more episodes on the road to re:Invent!

[How to re:Invent](#)

Health measures

The health and safety of our customers, partners, and employees remains our top priority. Review our updated COVID-19 vaccination requirements for attending re:Invent in Las Vegas.

[Health measures](#)

FAQs

Get all the info you need on topics such as health and safety, registration, accessibility, and much more.

[FAQs](#)

Thank **you!**