

AWS
re:Invent

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

Sustainability

Attendee Guide 2021

Welcome!

We're excited to announce that re:Invent 2021 is back in person this year and live from Las Vegas, NV! The event is sure to be as engaging as it is informative with opportunities to join virtually for those that can't be with us in person.

Join the breakout sessions in this guide to learn how organizations are building solutions on AWS to support their sustainability goals and delivering sustainability solutions for their customers. You'll also learn how AWS continues to innovate on sustainability across our infrastructure and operations and how builders can accelerate the sustainability of their workloads through optimization and informed architecture patterns.

In this AWS Sustainability attendee guide, you'll find the full list of relevant sustainability sessions and activities to help you make the most of your time at re:Invent 2021. We're excited to engage with you on the topic of Sustainability!



Kara Hurst
Amazon, VP of
Worldwide
Sustainability



Adrian Cockcroft
Amazon, VP of
Sustainability
Architecture



Chris Wellise
AWS, Director of
Sustainability

Breakout Sessions

Hear from customers implementing sustainability practices in their organizations

You won't want to miss these sessions! Join us to hear from customers implementing sustainability practices.

Learn how Starbucks optimized its AWS usage and focused on digital sustainability, following an AWS sustainable architecture assessment. Next, learn how Amazon and Climate Pledge Arena are designing and operating sustainable buildings.

ARC325

Architecting for sustainability

AWS is focused on efficiency in every aspect of our infrastructure, and builders can accelerate the sustainability of their workloads through optimization and informed architecture patterns. 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. As an example, discover how Starbucks optimized its Kubernetes cluster, increased spot usage, and focused on digital sustainability across the organization following an AWS sustainable architecture assessment.

Featured speakers:

Adrian Cockcroft – Amazon, VP of Sustainability Architecture
Drew Engelson – Starbucks, Director Engineering
Steffen Grunwald – AWS, Principal Sustainability Solutions Architect
Margaret O'Toole – AWS, Lead Sustainability Solutions Architect

AMZ202

Driving sustainable operations at Amazon and Climate Pledge Arena

As Amazon works toward a net-zero carbon goal, the organization is designing buildings that enable improvement in the resource efficiency of facilities and prioritize the health and wellness of occupants. 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.

Amazon is also working with the Seattle Kraken to build solutions to help make Climate Pledge Arena the most progressive, responsible, and sustainable arena in the world. In this session, learn about carbon methodology, data discovery, security, and design patterns.

Featured speakers:

Julia Raish – Amazon, Sustainable Building Program Manager
Rob Johnson – Climate Pledge Arena, VP Sustainability & Transportation
Rahul Sareen – AWS, Global Practice Manager, Sustainability

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.

Featured speakers:

Mark Zimring – The Nature Conservancy, Large Scale Fisheries Director
Nelson Gonzalez – AWS, Head of GTM Global Impact Computing

IOT206

Scaling sustainability solutions with IoT

Organizations are deploying billions of connected devices in commercial buildings, factories, homes, cars, and other locations to improve operational efficiency. They're also building these IoT solutions to support a wide range of sustainability initiatives, including optimizing manufacturing processes, creating intelligent and efficient buildings, transforming transportation and logistics, scaling energy management, and increasing sustainable agriculture practices. 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.

Featured speakers:

Sandy Coleman – Enlighted (Siemens), SVP
Mark Relph – AWS, Director IoT GTM

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.

Featured speaker:

Nat Sahlstrom – AWS, Director, Energy Strategy

STP213

How startups are building solutions for a sustainable future

Across all industries and the public sector, many organizations are seeking solutions to help them achieve sustainability goals. Startups, in particular, are using AWS to innovate quickly as they develop technologies and materials that enable a low-carbon 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.

Featured speakers:

Akhil Aryan – ION Energy, Co-founder & Chief Executive Officer

Dani Traphagen – AWS, Sr. Startup Solutions Architect

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.

Featured speakers:

Adam Lewis – Digital Earth Africa, Managing Director

Clive Charlton – AWS, Sr. Solutions Architect Manager, Public Sector

Deepen your knowledge

Join these sessions to learn how AWS services are being implemented for sustainability use cases.

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.

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. By providing access to HPC engineering resources, Intel and AWS can help enable builders and leaders in these new markets with R&D opportunities. 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.

ENT215

Transforming agriculture at John Deere with SAP on AWS

John Deere continues to lead the agriculture industry's shift toward smart farming that drives greater sustainability, efficiency, and safety, and Deere is increasingly collaborating with AWS to support mission-critical systems. In this session, get an inside look into Deere's smart industrial transformation and their ongoing migration of SAP workloads to AWS. Hear key successes and lessons learned across people, insights, and technology that are helping Deere meet its customers' agriculture, construction, and power system needs.

Interactive Sessions

Hands-on experience

Join us for these interactive sessions and get hands-on experience with sustainability datasets and architecture optimization.

HJS304

Code Green! The sustainability data hackathon and workshop

Code Green! is an all-day coding event for builders to solve a sustainability-related technical challenge. Entries use sustainability data available in the Amazon Sustainability Data Initiative (ASDI) or the AWS Data Exchange. In the spirit of collaborating to help solve the global climate crisis, all submitted code for this hackathon will be open source.

In this hackathon, learn from other attendees, gain hands-on AWS experience, and build functioning prototypes to address relevant sustainability challenges. For attendees seeking a more guided opportunity, there is workshop-type support to learn more about using ASDI with AWS.

Monday, November 29
8:00 AM – 8:00 PM

GMD201-R1

GMD201-R2 (Repeat)

AWS GameDay— Reuse, Recycle, Reduce, Rearchitect

AWS GameDays are collaborative learning exercises that test your skills as you implement AWS solutions to solve real-world problems in a gamified, risk-free environment. They're a completely hands-on opportunity for technical professionals to explore AWS services, architecture patterns, best practices, and group cooperation.

This particular GameDay focuses on sustainability best practices and teaches AWS users how to be mindful of energy efficiency in their AWS infrastructure. Attendees can expect to get hands-on with AWS services such as Amazon Athena, Amazon S3, Amazon EC2 Auto Scaling, and more.

Tuesday, November 30
1:45 PM – 6:15 PM

Thursday, December 2
7:45 AM – 12:15 PM

Learn from experts

Attend these chaltalks to discuss topics with experts and peers.

WPS202

Methods for analyzing climate and weather data

The AWS Open Data Sponsorship Program hosts an increasing amount of weather and climate data from national hydrometeorological agencies that can be accessed by anyone at no cost. 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.

PNU305

How volt-VAR optimization on AWS can cut utility emissions

Decarbonization is a key business goal for most utilities around the world. While a growing portfolio of DERs and an evolving electricity generation mix will address this goal over the next several years, volt-VAR optimization (VVO) can help utilities lower their carbon footprint today. VVO is extremely effective, as illustrated by Ameren Illinois's report to the Illinois Commerce Commission, which targets a VVO solution to deliver 422 gigawatt-hours of annual energy savings by 2025.

PNU303

Real-time wind farm health: AWS IoT and Greenko case study

With the accelerating deployment of wind generation comes the need for cost-effective and highly scalable solutions to match the high volume and velocity of data these assets produce. Using AWS IoT services, this proof of concept is securely connecting 100 wind turbines (over 90 tags per turbine) from Kepware/edge gateway devices, streaming near-real time turbine data to the cloud, and hydrating an IoT data lake and powering live dashboards for real-time situational awareness.

PNU301

Electric load forecasting on AWS

Load forecasting plays a key role across a utility, from supply chain and market participation to grid planning and customer engagement. It directly impacts business goals such as carbon neutrality. The accuracy of these forecasts is of critical importance, as 1% reduction in errors can lead to hundreds of thousands of dollars in savings. This chalk talk dives deep on architectural patterns that enable highly accurate and easy-to-implement customer-level and feeder-level load forecasting.

Further your insight

Join these workshops and sessions for knowledge sharing.

IOT307

Race to generate IoT-connected wind energy

Enter a friendly competition where teams race to safely generate clean wind energy. In this workshop, you learn how to connect a virtual wind turbine to AWS by working through the different needs of an engineer, operations person, and data analyst. Establish a connection to AWS IoT Core for your wind turbine and determine whether it is operating safely using AWS IoT Events. Use AWS IoT Things Graph to build a simple turbine brake control solution that optimizes safe energy production. Finally, detect operational anomalies with AWS IoT Analytics and Amazon SageMaker.

PNU304

AWS Quick Start: Meter reads to insights in ML minutes

Gaining insights from smart meters requires efficiently collecting, storing, and processing meter reads. The AWS Quick Start Utility Meter Data Analytics on AWS deploys a best-practice architecture and prepackaged processing pipeline to prepare meter data and train ML models for forecasting and anomaly detection. This workshop focuses on the Quick Start itself. Work hands-on with the different components ranging from data ingestion, data processing, and ML model training to data visualization.

PNU306

Centrica: Balancing the grid with innovative technology

A carbon-neutral world demands a new approach to energy. Higher customer expectations and evolving markets are increasing pressure on many businesses to be environmentally responsible and causing these businesses to prioritize the importance of implementing net-zero energy solutions. In this session, learn about Centrica's drive to reach net zero by 2045 and their use of distributed energy resources (DERs) to meet these objectives.

Other recommendations

***Climate Next* premiere screening at re:Invent**

AWS technologies help customers address climate change and drive sustainability. *Climate Next* is an original documentary series about AWS customers using the cloud to fight climate change. The short-form documentaries feature inspiring stories and engaging cinematography.

We will host a Q&A reception with featured customers and the creative producer immediately following the screening.

**Join us for this special screening premiere at re:Invent
Tuesday, November 30 at 6:30–8:30 pm**



Search the catalog for sustainability sessions and activities

Make sure to check out all sustainability topics in the catalog. Once you are registered, you can search the catalog and select **Sustainability** under the Topic/Industry to view results.

Search [the catalog here](#) after you register.

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:



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



Serverless

David Richardson
Vice President, Serverless



Training & Certification

Maureen Lonergan
Director of AWS Training and Certification

Live stream sponsored by:



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

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Sessions

All sessions | My favorites | My reservations

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 eye on the prize 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 surprised and shares lessons on

Session type: Breakout

Topics: BuildOn.AWS

Session level: 200 - Intro

Job Role: Developers, A

★ 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.



ations



15 years of AWS with Jeff Barr

BCA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP of this breakout session, have a chat with him about how AWS was born, how customers keep surprising us with their amazing projects. Along the way, 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 shared his perspective on how the developer experience has evolved over the years, and how customers keep surprising us with their creativity. Jeff will share his perspective on 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

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

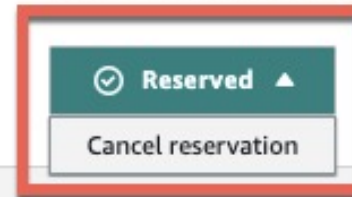
AIM307

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



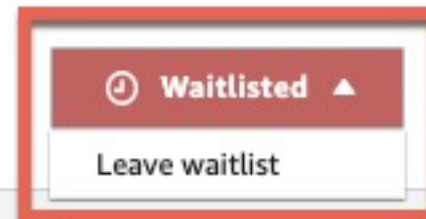
BOA201

Amazon S3 and Amazon EC2 are turning 15 this year, and Jeff Barr, VP and Chief Evangelist, shares 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



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

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Reserved Seating Demo 2021 > Event > My calendar

< November 2021 >

	Mon 29	Tue 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.

60%

30%

20%

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!**

