

AWS re: Invent

TELECOMMUNICATIONS ATTENDEE GUIDE 2019

Welcome!



Hello,

On behalf of the AWS Telecom Industry Business Unit, **welcome to re:Invent 2019!** This year's conference is going to be our biggest yet, with 60,000+ attendees and more than 2,500 technical sessions.

To get the most out of re:Invent, we encourage you to take advantage of the resources outlined in this document, including our ["How to re:Invent"](#) video series. Keep in mind that **reserved seating is now live**. You can start planning your schedule at any time by logging into your account, visiting the [session catalog](#), and marking sessions of interest.

Although re:Invent is a big conference, we will have plenty of sessions specific to the Telecom community to make you feel welcome. We have added a new Telco networking lounge in the MGM which will be co-located with the Telecom track sessions. Please make use of this area to meet with AWS experts and network with other Telco colleagues.

We look forward to seeing you in Vegas!

Carla Stratfold

WW Head- Telecom Industry Business Unit

Let's get started.

This guide is designed to help attendees of AWS re:Invent 2019 plan their experience and identify breakout sessions and events of interest. It is intended to complement the re:Invent app, which will help attendees navigate the conference on-site.

[Click on the links in presentation mode to navigate this guide.](#)

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Overview

About re:Invent

What

AWS re:Invent is a learning conference hosted by Amazon Web Services (AWS) for the global cloud computing community. The event features keynote announcements, training, and certification opportunities. At the conference, you'll have access to over 2,500 technical sessions, a partner expo, after-hours events, and so much more.

When

December 2 – 6, 2019 . Onsite registration desk opens on Sunday, December 1, at 9AM.

Where

We are taking over Las Vegas--with events at the ARIA, Bellagio, MGM Grand, Mirage, and The Venetian.

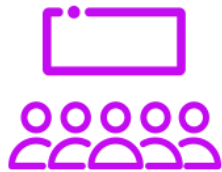
Who

60,000+ attendees from around the world including 500+ from the Telecom industry and others from Manufacturing, Transportation & Logistics, Marketing and Advertising and many other Telecom-adjacent industries.

How

Register [here](#), book your travel and hotel [here](#), check out our [justification letter](#) (if you need one), and watch the How to re:Invent videos [here](#).

What's new in 2019?



Deeper technical content and more hands-on learning opportunities.



A bigger and better Partner Expo, with over 2,500 breakout sessions.



For the first time, attendees will be able to reserve seats using both the re:Invent registration app and the re:Invent mobile app.



More unique events: broomball, the Tatonka Challenge, fitness activities, and the re:Play party!

Online resources

[HOMEPAGE](#)[SESSION CATALOG](#)[FAQ](#)[SCHEDULE](#)[GETTING AROUND](#)[RESERVED SEATING & MOBILE APP](#)[OVERVIEW OF RE:INVENT CONTENT](#)[BOOKING MEETING SPACE](#)

Make a Plan

Design your own experience

This year, there will be **over 2,500 sessions** focused on a diverse range of topics and a track focused on the **Telecom Industry**. In the following sections, we have highlighted some of them that may be of interest to Telecom customers, to help you find relevant sessions and add them to your schedule.

How to use the session catalog

1.



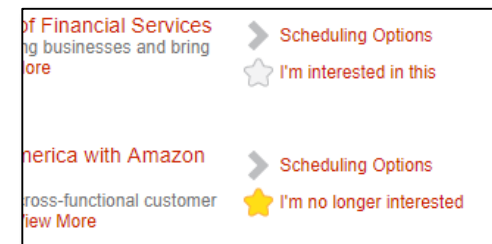
Visit the **event catalog** and make sure you are logged in.

2.



Scroll down the left-hand navigation bar, find **Industry**, and check **Telecom** and then find **Topic** and choose any topics of interest.

3.



Favorite sessions by clicking “I’m interested in this” or click on the arrow at right to pursue different scheduling options.

Hierarchy Of A Plan

Explore the session catalog

Step One

Step one, search topics you are interested in and start favoriting sessions you think you might be interested in attending.

Step Two

Remember to ensure you have roughly 80% of your favorites be breakout sessions!

Step Three

Get crazy! Once you have your core topics explored and sessions favorited, explore by other topics! You never know what you might discover!

Types of Breakout Sessions

Know your sessions types

Sessions

re:Invent breakout sessions are **lecture style and 60 minutes long**. These sessions will take place throughout 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.

Workshop

Workshops are **two-hour**, hands-on sessions where you **work in teams** to solve problems using AWS. 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 10–15-minute lecture by the main speaker, and the rest of the time is spent working as a group. **Come prepared with your laptop** and willingness to learn! AWS will provide credits.

Builders Session

Builders Sessions are **60-minute small groups sessions** with up to five customers and one AWS expert, who is there to help, answer questions, and provide guidance. You will use your laptop to experiment and build with the AWS expert after a short demonstration. There is **reserved seating** for builders sessions.

Chalk Talks

Chalk talks are a highly interactive content format with a **smaller audience**. They begin with a 10–15-minute lecture delivered by an AWS expert, followed by a 45–50-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** and are presented by AWS experts. They have **expert level content**.

The Hierarchy Of Making A Plan

Pick your topics – *refer to the sessions in this guide*



PRO TIP: Think about topics that are currently mission critical to your team and topics you're interesting in learning more about.

ADM - Advertising and Marketing

AIM - Artificial Intelligence & Machine Learning

ALX - Alexa

ANT - Analytics

API - Application Integration

ARC - Architecture

ARV - AR/VR

AUT - Telecom

BLC - Blockchain

CMP - Compute

CMY - AWS Community

CON - Containers

DAT - Databases

DOP - DevOps

ENT - Enterprise

EUC - End User Computing & Business Apps

FSI - Financial Services

GAM - Games/Game Tech

GPS - Global Partner Summit

HLC - Healthcare

IOT - IoT

LFS - Life Sciences

MDS - Media Solutions

MFG - Manufacturing

MGT - Management Tools & Governance

MKT - Marketplace

MOB - Mobile

NET - Networking

OIG - Oil & Gas

OPN - Open Source

PNU - Power & Utilities

RET - Retail

ROB - Robotics

SEC - Security, Compliance, and Identity

STG - Storage

STP - Startup

SVS - Serverless

TLC - Telecommunications

TRH - Travel & Hospitality

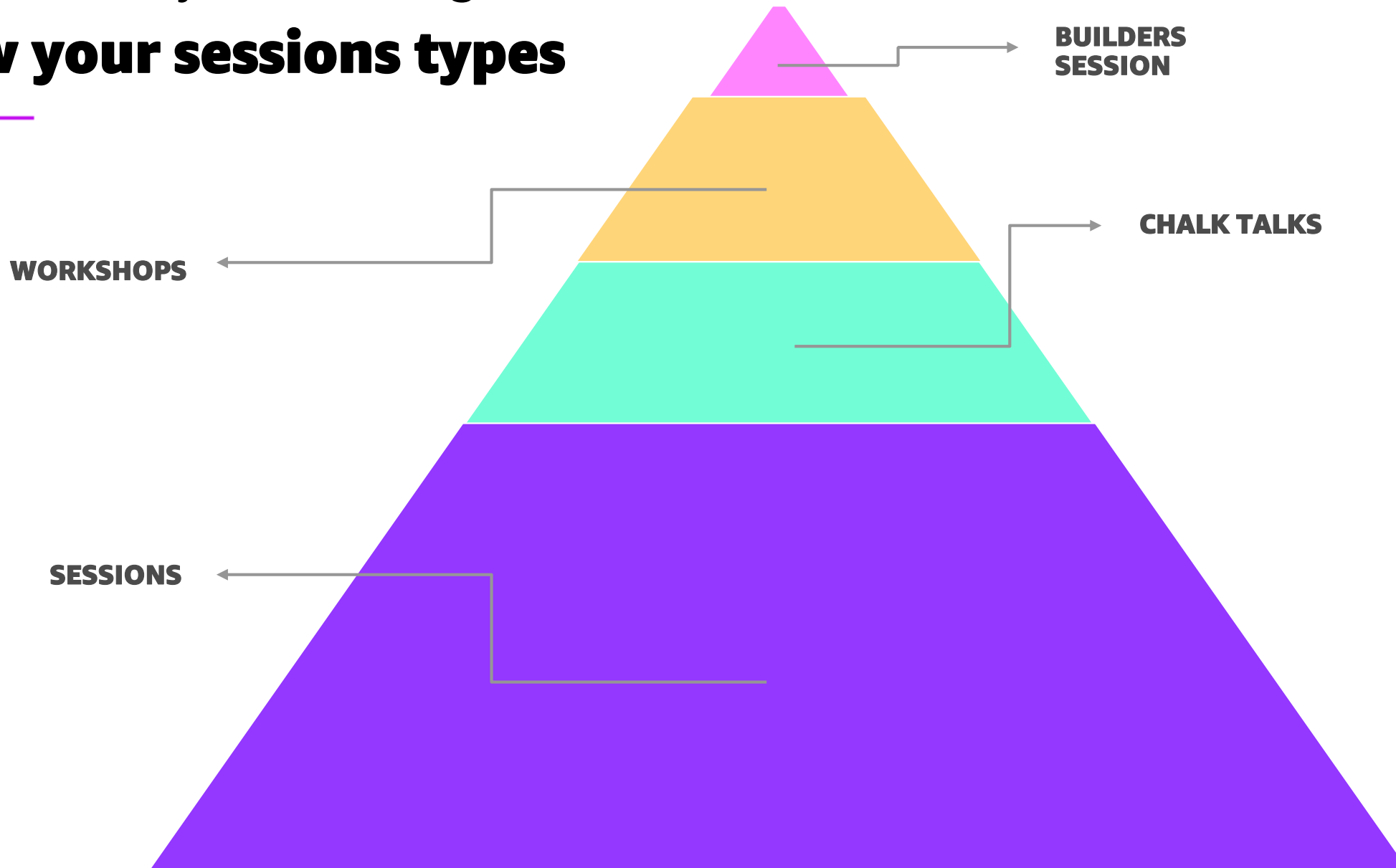
WIN - Windows & .Net

WPS - Public Sector

WPT - We Power Tech

The Hierarchy Of Making A Plan

Know your sessions types



PRO TIP:

Breakout sessions should make up the bulk of your plan. They have the most seats too!

PRO TIP:

Chalk Talks and Workshops are interactive and can accommodate fewer people per sessions. Builders Sessions are the smallest. These are the your bonus sessions!

The Hierarchy Of Making A Plan

Importance of Sessions

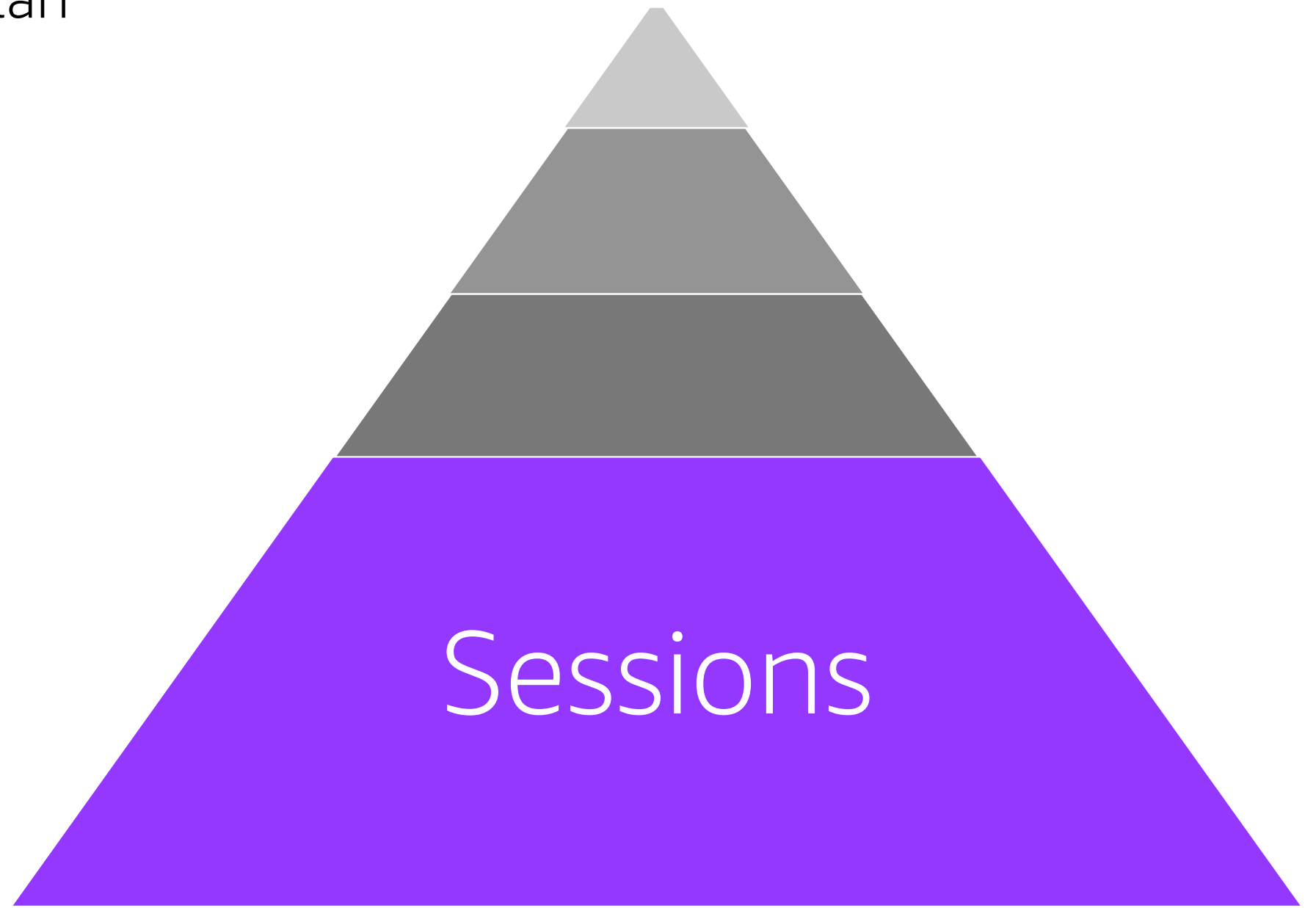


PRO TIP:

re:Invent always tries to feature as many customers directly speaking about their real world experiences of using AWS products and services. Find them in sessions!

PRO TIP:

Check out **Leadership Sessions** which are the State of the Unions of those topic areas and are led by AWS leadership who will share the vision and direction for these topic areas. Really important!



Hierarchy Of A Plan

More ways to learn

Telecom Networking Lounge

Hacks & Jams

ML Summit

DeepRacer

Paid Bootcamps

Certification Exams

Spotlight Labs

Hands on Labs*

Builders Fair*

Demo Theaters*

*these activities do not require reserved seating



Hierarchy Of A Plan

Know your timing



PRO TIP:
The maximum number
of 60 minute sessions
you could attend
across the week is 24!

Monday	Tuesday	Wednesday	Thursday	Friday
Sessions 10:00AM – 6:00PM • ARIA, Bellagio, Mirage, MGM, Venetian	Sessions 11:30AM – 6:00PM • ARIA, Bellagio, Mirage, MGM, Venetian	Sessions 8:00AM – 6:00PM • ARIA, Bellagio, Mirage, MGM, Venetian	Sessions 11:30AM – 6:00PM • ARIA, Bellagio, Mirage, MGM, Venetian	Sessions 8:00AM – 12:30PM • Mirage, Venetian
Late Night Sessions, Workshops, Chalk Talks 7:00PM – 9:00PM • ARIA & Venetian	Late Night Sessions, Workshops, Chalk Talks 7:00PM – 9:00PM • ARIA & Venetian	Late Night Sessions, Workshops, Chalk Talks 7:00PM – 9:00PM • ARIA & Venetian		

Hierarchy Of A Plan

Know the campus



PRO TIP:
Plan at least an hour to get from one venue to another across campus. This includes walking, waiting

PRO TIP:
New this year, the session MAKE A PLANr will not let you book back to back sessions in different venues with only 30 minutes

Hierarchy Of A Plan

Everything Else

Re:Invent is an industry event and there's lots to do outside of breakout sessions. Don't forget to leave room on your calendar for:

- Stopping by the Telecom Industry Lounge in the **MGM, Level 3, Pre-Function Foyer** to meet AWS industry leaders or talk to speakers after their sessions. See the full schedule [HERE](#)
- Meetings with your account team and other AWS experts.
- Time to explore the Telecom Demos in the Connected World Exhibition, inside the Quad at the Aria
- Time to explore our partner expo, including the AWS Village and hundreds of AWS partners there to help you learn more about how their solution can benefit your business.
- Daily debriefs with your team. Divide and conquer but don't forget to find time to reconvene your team and debrief on the daily learnings. Breakfast is a great time for this!
- Meetings with your professional network. Let people know you'll be at re:Invent through LinkedIn and ensure you're taking advantage of the entire cloud computing industry being in the same city!
- Fun! Don't forget there are a lot of fun things to do at re:Invent. Check out the Keynotes & Play page to learn more and expect your evenings to fill up on site!


Now Build Your Dream Schedule

If the max number of sessions you can attend in the week is 24 and you think you want to attend 14, you should have a robust list of preferred sessions, and wish list sessions and all of your back ups.

You should have a lot of pre-selected back ups during the time windows you are trying to fill. That will enable you to quickly pivot should the session you wanted to get into fills up. By favoriting them, you can check back post-re:Invent for the slides if you don't get to see it live.

Check for repeats! Repeats are a critical component to how we build our session catalog each year and we strive to offer repeats on our most popular sessions. If you have a session you are really committed to attending, make sure you favorite all of the repeats so that you can mix and match to get in.





Telecom Industry Sessions

Telecom Track Sessions Overview

Sessions

<u>TLC205-L</u>	LEADERSHIP SESSION: Join AWS Leadership and T-Mobile CIO Cody Sanford in a rapid AWS cloud-native journey
<u>TLC303</u>	How Vodafone's Intelligent Care Platform utilizes AWS
<u>NET208-S</u>	Unleashing 5G Power
<u>TLC304</u>	British Telecom's Journey
<u>TLC305</u>	Telecom Special Session Announced after Andy Jassy Keynote

Chalk Talks

<u>TLC203</u>	SMS to 5G: Out of the Box IoT
<u>TLC202</u>	Telco Assurance Cloud
<u>TLC302</u>	Securely Scale your VoIP

Workshops, Builders Sessions

<u>TLC301</u>	AI-driven churn & fraud detection
<u>TLC204</u>	Implementing Telco Analytics



Telecom Session Recommendations

TLC205- LEADERSHIP SESSION

Join AWS Leadership and T-Mobile CIO Cody Sanford in a rapid AWS cloud-native journey

FEATURING: T-MOBILE

Cody Sanford, EVP & CIO T-Mobile
Amir Rao, Sr. Manager, Telecom IBU

Learn how T-Mobile embraced the AWS Cloud to improve business agility, enhance development approaches, transform a culture, and humanize the customer experience. Cody shares T-Mobile's story around how they transformed a complete business ecosystem into a public and cloud-native reality.

**Wednesday, Dec 4, 11:30 AM - 12:30 PM-
MGM, Level 1, Boulevard Ballroom 158 -
T1**

**Meet the Speakers after the session:
Telco Lounge MGM, Level 3 Pre-Function Foyer**

[LINK TO SESSION](#) | **SESSION**

TLC303

How Vodafone's Intelligent Care Platform utilizes AWS

FEATURING: ACCENTURE & VODAFONE

Karl Woodrow, Big Data Lead, Vodafone
Marc Fabrace, Accenture
George Rammos, Customer Solutions, AWS

Vodafone UK, partnering with Accenture, built its Intelligent Care Program utilizing AWS's big data and AI capabilities to predict customer behavior and provide a game-changing digital experience for Vodafone's customers. The program enables an analytically driven IVR, an omni-channel customer analytics capability, and a new experience-led design framework that improves customer satisfaction. Intelligent Care cuts the time it takes to deliver AI models in half.

**Thursday, Dec 5, 1:00 PM - 2:00 PM- MGM,
Level 3, Chairman's Ballroom 366 - T1**
**Meet the speakers after the session
Telco Lounge, MGM. Level 3 Pre-Function Foyer**

[LINK TO SESSION](#) | **SESSION**

TLC302

Securely Scale your VoIP

FEATURING: AMAZON CHIME & RIBBON

Tipu Qureshi, Principal Engineer, AWS
Suyash Karmarkar, Ribbon

You can securely scale your VoIP with Amazon Chime Voice Connector and Ribbon's Session Border Controller (SBC) on AWS Quick Starts. Together, they provide enterprise customers with a less expensive, simpler-to-manage, on-demand SIP trunking solution for connecting on-premises private branch exchanges (PBXs) to the public switched telephone network (PSTN).

**Tuesday, Dec 3, 1:00 PM - 2:00 PM
MGM, Level 3, Room 35**

**Meet the Speaker after the session
Telco Lounge, MGM, Level 3 Pre-Function
Foyer**

[LINK TO SESSION](#) | **CHALK TALK**

NET208-S

Unleashing 5G Power

FEATURING: COMCAST & ACCENTURE

Eric Schaefer: SVP of Comcast

Amol Phadke: Director, Accenture

The new 5G technology is poised to be a far bigger transformational shift for the Telecommunications industry than previous mobile technologies. With its proclaimed greater speed and capacity, ultra-low latency, and lower power consumption, 5G promises an astonishing new array of innovative, industry-specific product and service solutions (such as smart city, smart grid, and smart manufacturing) that are powered by the intelligent network. In this session, listen to executives from Comcast, Accenture, and AWS speak about how 5G will transform the future.

Monday, Dec 2, 12:15 PM - 1:15 PM– MGM, Level 1, Grand Ballroom

Meet the speakers after the session

Telco Lounge, MGM, Level 3 Pre-Function Foyer

[LINK TO SESSION](#) | **SESSION**

TLC304

Zero to Cloud: BT's Journey

FEATURING: BRITISH TELECOM

Guy Ben Baruch: SA, AWS

Simon Howe: British Telecom

British Telecom (BT) selected AWS in December 2018 as its preferred provider for cloud services. Since then, BT has been on a cloud adoption journey with AWS. Learn about BT's Cloud Center of Excellence, from building a landing zone that incorporates security and governance requirements to considering design patterns and unique hybrid scenarios. BT shares the challenges of operating within a traditional enterprise faced with decades of build-up legacy technology. He also explains how BT uses education to enable organizational and process transformation.

Wednesday, Dec 4, 9:15 AM - 10:15 AM– MGM, Level 3, Chairman's Ballroom 360

Meet the speakers after the session

Telco Lounge, MGM, Level 3 Pre-Function Foyer

[LINK TO SESSION](#) | **SESSION**

TLC301

AI-driven churn & fraud detection

FEATURING: AWS AI/ML EXPERTS

Ross McWalter, AI/ML Lead, AWS

Guy Ben Baruch, SA, AWS

Did you know that you can leverage machine learning to solve problems like fraud detection, churn prediction, and even self-healing to improve customer experience? Join this session to learn about different use cases where Amazon SageMaker and Amazon QuickSight have been utilized to facilitate anomaly detection and apply self-correcting procedures. This workshop shows you how to implement fraud detection, self-healing, and churn prediction with a leading Telecommunications provider using AWS artificial intelligence services.

Tuesday, Dec 3, 6:15 PM - 8:30 PM– Venetian, Level 4, Delfino 4003 - T2

[LINK TO SESSION](#) | **WORKSHOP**

TLC202

Telco Assurance Cloud

FEATURING: MYCOM

Dirk Michel: SVP, Engineering, MyCOM
Robin Harwani: Lead Partner SA, AWS

Come hear how Globe and MYCOM are breaking the legacy paradigms for telecom service assurance with a cloud-native solution powered by AWS. With 5G, network virtualization, and SD-WAN, telecom networks are evolving away from appliance-based implementations and toward cloud-native software applications. You can learn about the MYCOM Assurance Cloud solution, which is powered by AWS services like AWS Systems Manager, Amazon CloudWatch, AWS CloudTrail, Amazon RDS, Amazon EFS, and Amazon EBS for real-time data processing at large scale.

**Wednesday, Dec 4, 10:00 AM - 11:00 AM–
MGM, Level 3, South Concourse 301 - T1
Meet the speakers after the session
Telco Lounge, MGM, Level 3 Pre-Function Foyer**

[LINK TO SESSION](#) | **CHALK TALK**

TLC203

SMS to 5G: Out of the Box IoT

FEATURING: AI/ML EXPERTS

Andrei Ivanov: Lead Architect, Telus
Yuri Gorienco: Solutions Architect, AWS

Learn how to set up out-of-the-box connectivity and activate service for e-Commerce and IoT for a telecommunications or mobile network operator. We share our recipe for launching two sub-brands for TELUS in Canada and how we plan to evolve cloud control plane (CCP) toward “all core.” This will serve generations of mobile networks from 3G to 5G, providing future telecommunications services such as 3G voice and SMS to VoLTE, IoT, network slicing, and multi-access edge computing.

**Tuesday, Dec 3, 4:00 PM - 5:00 PM– MGM,
Level 1, Boulevard Ballroom 161 - T1
Meet the speakers after the session
Telco Lounge, MGM, Level 3 Pre-Function Foyer**

[LINK TO SESSION](#) | **CHALK TALK**

TLC204

Implementing Telco Analytics

FEATURING: AWS ANALYTICS EXPERTS

Sigit Priyanggoro: TAM. AWS
John Cupit: Principal Architect. AWS

By attending this session, you gain an understanding of telecommunication-specific data analytics by using AWS services such as: Amazon S3, AWS Glue, Amazon Athena, and Amazon QuickSight. In this session, we use simple network management system/operation support system (NMS/OSS)-generated call data records (CDR) as an example and analyze them with AWS services so that you can apply this in your own organization.

Attendees are required to have an AWS account with access to Amazon S3, AWS Glue, Athena, and Amazon QuickSight.
**Tuesday, Dec 3, 2:30 PM - 3:30 PM
Mirage, Events Center C1 - Table 6 - T1 &
Wednesday, Dec 4, 9:15 AM - 10:15 AM–
Aria, Level 1 West, Bristlecone 4 - Table 3 -
T2**

[LINK TO SESSION](#) | **BUILDERS SESSION**

Additional Telecom Topics of Interest

CMP201-L

What's New in Compute?

Matt Garman, vice president of AWS compute services, introduces the latest innovations in the compute space.

[Link to session](#) | Session

CMP302-1

Outposts

AWS Outposts extends AWS to your on-premises and connected edge environments to support applications with latency and local data processing requirements.

[Link to session](#) | Session

CMP337-R

Outposts and Low Latency

Some applications need to run on premises due to low latency or because of local data processing needs. Learn how AWS Outpost extends to customer sites.

[Link to session](#) | Chalk talk

NET340-R

Networking for Outposts

AWS Outposts enables you to extend AWS to your on-premises and connected edge environments, supporting applications with low latency and local data processing requirements. Considerations can include: LAN and WAN connectivity design, dynamic or static routing configuration, high availability, and latency or performance requirements.

[Link to session](#) | Chalk talk

ENT212-S

Transform with VMware

VMware and AWS are making hybrid cloud architecture a reality. Learn about the latest innovations in our jointly architected hybrid cloud services and how these services can benefit your workloads and applications.

[Link to session](#) | Session

STG213

Hybrid Cloud

If you want to use cloud storage, but still have applications in a data center, or remote field operations that require computing and storage capabilities, this session is for you. In it, we explain the services that can make AWS storage a seamless extension of your existing on-premises infrastructure and application investments to support business operations almost anywhere in the world.

[Link to session](#) | Session

Additional Telecom Topics of Interest

MDS202-R

Optimizing live video feeds to the cloud and the consumer

This talk explores how today's top content providers like Discovery are serving audiences with media solutions, machine learning, and core services from AWS.

[Link to session](#) | Session

MDS306-R

Building resilient live streaming video workflows

In this session, learn how to use the AWS Cloud and AWS Media Services to build highly available and reliable live video workflows in a cost-effective and scalable way, complete with monitoring, alerts, and security.

[Link to session](#) | Chalk talk

MDS303-R

Evolution of personalization/recommendation for video workflows

Learn how successful media companies have tackled the massive amount of data from their audience and content using AWS data lake solutions and analytics tools for increased engagement and monetization.

[Link to session](#) | Session

MDS307-R

Streaming media workloads within the AWS Well-Architected Framework

Join AWS solutions architects for an interactive discussion that examines streaming media workloads alongside the architectural pillars and best practices found within the AWS Well-Architected Framework.

[Link to session](#) | Chalk talk

MDS305

Breaking news: Deploy global content distribution in minutes

In this session, learn how MediaConnect can be used to facilitate unplanned or late-breaking content distribution requirements and can be a viable alternative to over-provisioned and expensive distribution infrastructure.

[Link to session](#) | Chalk talk

MDS311-R

Live broadcasting on AWS

In this session, attendees will learn how a large broadcaster uses AWS to create, distribute and monetize live television at scale.

[Link to session](#) | Session

Additional Telecom Topics of Interest

MDS312-R

Launch media workflows quickly with AWS Media & Entertainment solutions

In this chalk talk, learn about the suite of AWS Media & Entertainment solutions designed to provide a fast, easy path to launching media workflows.

[Link to session](#) | Chalk talk

MDS402-R

Media analysis evolved

This workshop shows how you can use AWS services for content analysis, including Amazon Rekognition, Amazon Transcribe, Amazon Comprehend, Amazon SageMaker, and machine learning products offered by AWS Marketplace.

[Link to session](#) | Workshop

MDS313-R

Hotstar: Live streaming at record scale

Hear about the challenges and solutions needed to manage backend and analytics systems to serve ads at scale to 15 million users, track live streaming usage in real time, and build broadcast-level resiliency into their architecture to handle world-record-level traffic.

[Link to session](#) | Session

MDS403

Launch a live video channel in minutes

Learn how to customize a video workflow for live streaming to meet specific requirements, such as adjusting bitrate, adding outputs to social media, enabling content protection, adding a scheduler for input switching, and inserting ad markers for monetization.

[Link to session](#) | Workshop

MDS401-R

Achieve ultra-low latency for live video streaming

This session shows how content providers can deliver live video at ultra-low latency, featuring a proven video workflow architecture that achieves 2.5-second glass-to-glass latency with AWS Elemental MediaStore and Amazon CloudFront.

[Link to session](#) | Chalk talk

MDS404

Automate, accelerate, and appreciate your VOD workflows

In this workshop, you learn how to deploy and customize the video-on-demand (VOD) on AWS solution and expand it to include QC, digital rights management (DRM), and other advanced capabilities.

[Link to session](#) | Workshop

Telecom Lounge: MGM Level 3: Pre-Function Foyer

Take in an extra Telco Session after Andy Jassy's Keynote

Telecom Session

Look for a new session release [here](#)

Thursday, 2:30 PM-3:30 PM

MGM, Level 1

Boulevard Ballroom 158 - T1

Telco Social to follow in the
Telco Networking Lounge

3:30 PM-5:30 PM

MGM, Level 3, Pre-Function Foyer



Telco Networking Lounge- MGM, Level 3- Pre-Function Foyer

**AWS Digital Storefront
"Smart Factory Demo"**

[Monday 11:00-11:30 AM]

**Following Featured Session - Sponsored by Accenture
Discover 5G Use Cases
Meet Speakers from
Comcast and Accenture**

[Monday 1:30-4:30 PM]

**AWS Digital Storefront
"Smart Retail Demo"**

[Tuesday 11:30-12:30 PM]

AWS Marketplace for CSP's

[Tuesday 1:30-2:00 PM]

**AWS Digital Storefront
"Smart Factory Demo"**

[Tuesday 2:00-3:00 PM]

**AI/ML for Telco
Chalk Talk**

[Tuesday 3:00-3:30 PM]

**Meet the Speaker
Amazon Chime and Ribbon**

[Tuesday 3:30-4:00 PM]

Telco Networking Lounge- MGM, Level 3- Pre-Function Foyer

CenturyLink
Milliseconds Matter on the Edge

[Tuesday 4:00-4:30 PM]

Meet the Speaker
Telus and AWS

[Tuesday 5:00-5:30 PM]

AWS Digital Storefront
"Smart Retail Demo"

[Wednesday 9:00-10:00 AM]

Meet the Speaker
British Telecom

[Wednesday 10:15-10:45 AM]

Meet the Speaker
MYCOM and AWS

[Wednesday 11:00-11:30 AM]

Meet the Speaker
Cody Sanford- T-Mobile CIO

[Wednesday 12:30-1:00 PM]

Telco Networking Lounge- MGM, Level 3- Pre-Function Foyer

Sharing Data in the Cloud- A new service	[Wednesday 2:00-2:30 PM]
OSS/BSS Chalk Talk	[Wednesday 2:00-2:30 PM]
Meet the AI/ML AWS Expert	[Wednesday 2:30-3:00 PM]
Exploring OSS/BSS Options	[Wednesday 3:00-3:30 PM]
Meet the NFV Expert	[Wednesday 4:00-5:00 PM]
AWS Marketplace for CSP's	[Thursday 11:00-11:30 PM]
AWS Digital Storefront "Smart Retail Demo"	[Thursday 11:30-12:30 PM]
Meet the Speaker Vodafone , Accenture and AWS	[Thursday 2:00-2:30 PM]
TELCO SOCIAL AND FINALE	[Thursday 3:30-5:30 PM]

Other Topics

Other Recommended Sessions

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Other Topics of Interest

<u>AIM410</u>	Deep learning applications with TensorFlow, featuring Mobileye
<u>AIM422</u>	Machine learning at the edge with Amazon SageMaker Neo
<u>AIM428</u>	Under the hood of AWS DeepRacer: Advanced RL driving course
<u>AIM221</u>	Transform operations and enable predictive maintenance with ML
<u>AIM314</u>	Computer vision at the edge
<u>AIM416</u>	Deploy an ML model on the cloud and at the edge
<u>AIM422</u>	Machine learning at the edge with Amazon SageMaker Neo
<u>AIM205</u>	Getting started on the enterprise machine learning journey
<u>AIM218-L</u>	Leadership session: Machine learning
<u>AIM307</u>	Amazon SageMaker deep dive: A modular solution for machine learning

AI/ML

<u>AIM312</u>	Build more accurate forecasting models with machine learning
<u>AIM323</u>	Real-time personalization and recommendation using AI
<u>AIM413</u>	Deep dive on Project Jupyter
<u>MLS201</u>	Machine Learning Summit
<u>AIM328</u>	Build predictive maintenance systems with Amazon SageMaker
<u>AIM330</u>	Build custom data labeling workflows with Amazon SageMaker
<u>AIM343</u>	Build computer vision models with Amazon SageMaker
<u>AIM344</u>	Crafting a conversational platform strategy
<u>AIM346</u>	Personalized user engagement with machine learning
<u>AIM366</u>	SpaceNet: ML to solve mapping challenges
<u>AIM421</u>	Use unsupervised learning for anomaly detection

Other Topics of Interest

IOT305-L	Leadership session: IoT
IOT326	Deep dive into what's new with AWS IoT in 2019
IOT217-S	Making the CASE: Cloud-based innovation in the Telecom industry
IOT204-S	More than rubber on the road: Tires in an IoT world, featuring Pirelli
IOT318	Audit your device fleet with AWS IoT Device Defender
IOT316	Building an end-to-end, real-time IoT analytics pipeline
IOT312	Bringing AWS IoT and robotics together
IOT311	Combining camera feeds, edge computing, and ML for remote monitoring

IoT

IOT309	Combining IoT and machine learning for predictive maintenance
IOT325	Managing security of large IoT fleets with AWS IoT cloud services
IOT405	Performing analytics at the edge
IOT207	Digital transformation and IoT monetization
IOT208	What's new with AWS IoT data services?
IOT216	The circular supply chain, and the drive for sustainability
IOT306	Designing secure IoT solutions from the edge to cloud
IOT314	Driving operational performance across industrial facilities with AWS
IOT331	Integrating industrial robots with the cloud

Other Topics of Interest

Data Lakes and Analytics

<u>ANT204</u>	How Amazon leverages AWS to deliver analytics at enterprise scale
<u>ANT206</u>	Leadership session: Trends with data lakes and analytics
<u>ANT227</u>	Preparing data for reporting, ML, and AI on AWS
<u>STG359</u>	Best practices for implementing a data lake on Amazon S3
<u>ANT326</u>	Building a streaming data platform with Amazon Kinesis
<u>GPSTEC343</u>	Build and automate a modern serverless data lake on AWS

Compute

<u>CMP328</u>	How Uber automates efficient & scalable vehicle simulations with AWS Batch
<u>CMP204</u>	HPC on AWS: Innovating without infrastructure constraints
<u>CMP302</u>	AWS Outposts: Extend the AWS experience to on-premises environments
<u>CMP304</u>	Amazon ML infrastructure: Cost & performance optimizations

Blockchain

<u>BLC204</u>	Building enterprise solutions with blockchain technology
<u>BLC301</u>	Dive deep into Managed Blockchain
<u>BLC206</u>	Smart supply chain management systems based on blockchain, IoT & AI

Mobile Applications and Telecom

<u>MOB309</u>	Develop serverless GraphQL architectures using AWS AppSync (BMW)
<u>NET208</u>	Unleashing the 5G value

Other Topics of Interest

AR/VR

<u>ARV203</u>	Create digital twins using AWS IoT Core and Amazon Sumerian
<u>ARV302</u>	What's new in AR, VR, and 3D development on AWS
<u>ARV303</u>	Create an Augmented Reality Web App
<u>ARV304</u>	Architect multiuser 3D, AR, and VR apps with AWS

Enterprise

<u>ENT204</u>	Managing your cloud financials as you scale on AWS (Lyft)
<u>ENT216</u>	Differentiation through innovation
<u>ENT224</u>	Amazon culture of innovation
<u>ENT236</u>	Best practices to become data-driven with AWS
<u>ENT319</u>	Migration to AWS: A foundation for enterprise transformation

Smart City

<u>WPS307</u>	Building a serverless GIS/geo-positioning and alerting solution
<u>WPS319</u>	Best practices for working with large-scale geospatial data
<u>WPS309</u>	Aiding natural-disaster responses with Amazon SageMaker and Amazon Comprehend
<u>WPS323</u>	Monitoring the Earth without costing the world

Advertising and Marketing

<u>ADM201-L</u>	Leadership session: Digital marketing and ad technology
<u>ADM203</u>	Reimagining advertising analytics & identity resolution at scale
<u>ADM303</u>	Implementing Amazon Personalize across marketing channels

Amazon

<u>AMZ305</u>	Building a virtual fob with Amazon Key for Business and AWS IoT
<u>AMZ303</u>	Modernizing Amazon warehouse device connections with AWS IoT
<u>AMZ306</u>	Amazon.com automates machine learning life cycle on AWS

Alexa

<u>ALX201</u>	How developers can build natural, extensible voice conversations
<u>ALX202</u>	Alexa, what can I do now?
<u>ALX316</u>	Alexa Conversations
<u>ALX402</u>	Building a multimodal Alexa skill with Alexa Presentation Language

Keynotes

Overview



Monday Night Live
with Peter DeSantis

Monday, December 2
7:30pm – 9:00pm

The Venetian, Level 2



Andy Jassy,
CEO, AWS

Tuesday, December 3
8:00am – 11:00am

The Venetian, Level 2



Global Partner Summit
with Doug Yeum

Wednesday, December 4
8:30am – 10:30am

The Venetian, Level 2



Dr. Werner Vogels,
CTO, Amazon

Thursday, December 5
8:30am – 10:30am

The Venetian, Level 2

Play

Overview

MIDNIGHT MADNESS

TATONKA
SCAVENGER HUNT
AIR BAND
AND MORE!

Sunday, December 1

10:30PM – Midnight | Venetian

RESTAURANT RECEPTIONS

Tuesday, December 3

6:00PM – 8:00PM | ARIA

• Mirage • Venetian

4K/8K RUN

Wednesday, December 4

6:30AM | Mirage

QUIRKY ACTIVITIES

MOVIE NIGHT
CHOIR!CHOIR!CHOIR
SIP AND PAINT
AND MORE!

Wednesday, December 4

6:00PM – 9:00PM | Venetian • ARIA

RE:PLAY

Thursday, December 5

8:00PM – Midnight | MGM Festival Lot



Your re:Invent Checklist

Worksheet

- Registered for re:Invent
- Booked my hotel
- Booked travel reservations
- Uploaded my badge photo
- Connected with account team
- Favorited sessions
- Reserved seats to the sessions I want
- Reviewed list of open boot camps
- Reviewed the Expo & Quad maps
- Downloaded the mobile app
- Familiar with the shuttle & walking routes
- Watched all How-to-re:Invent videos on YouTube
- Marked my calendar with critical dates
- Familiarize myself with sponsors in the Expo & Quad
- Check out the quirky programs (Bingo Night, Choir!Choir!Choir!, Sip and Paint, Tatonka Challenge, 4k/8k Run, Ping Pong, etc.)
- Read the Know-Before-You-Go info
- Attended Know-Before-You-Go webinar

Want to Connect With an Expert?

AWS Account & Business Leaders

If you'd like to arrange a meeting with **AWS subject matter experts**, please reach out to your account teams to coordinate. Emails are included.



Carla Stratfold
WW Head of Telecom IBU
carlastr@amazon.com



Todd McGlaughlin
Head of Sales- Americas
Telecom IBU
todmclau@amazon.com



Fabio Cerone
Head of Sales- EMEA
Telecom IBU
fccerone@amazon.com



Amir Rao
Head of Portfolio
Solutions, Telecom IBU
raoamir@amazon.com



Geeta Chaudhary
Head of Global
Professional Services,
Telecom IBU
geetac@amazon.com



Craig Stevenson
WW Head of BD,
Telecom IBU
rcsteven@amazon.com



Diana Krupa
Head of Global
Marketing, Telecom IBU
dkrupa@amazon.com

See you in **Vegas!**