

Agenda at a glance

50 mins																			Keynote																		
15 parallel tracks of sessions, along with activities, running concurrently																																					
	Migration	Databases	Data and Analytics	Data Management	AI/ML	IoT	Security	Industry Solutions	Partnering with AWS	Startups	Developers	Modern Application Development	Government / Public Sector	Coding (Twitich)	Korean Track	Portuguese Track	Spanish Track	Activities																			
30 mins	How to build a migration business case and use AWS in a cost-efficient way (Level 200)	AWS purpose-built database strategy (Level 200)	Building next-generation data lakes and analytics on AWS (Level 200)	Using hybrid and edge computing to migrate your data to AWS (Level 200)	Build business outcomes with artificial intelligence and machine learning (Level 200)	Video streaming and video analytics at the edge (Level 200)	Cloud security fundamentals (Level 200)	Fintech state of the union (Level 200)	Build a scalable migration practice and help customers migrate to AWS (Level 200)	Welcome to Day One (Level 100)	Resiliency and availability design patterns for the cloud (Level 200)	Modern application design (Level 300)	Modernizing government in the cloud (Level 200)	Asia Pacific Timing 1 - Session 1 End-to-end type safety with React.js, GraphQL, and TypeScript (Level 400) Asia Pacific Timing 2 - Session 1 How to load test a web app without provisioning any servers (Level 400) Asia Pacific Timing 3 - Session 1 A tale of two streams: Different approaches to real-time analytics on AWS (Level 400) Europe, Middle East & Africa Session 1 A tale of two streams: Different approaches to real-time analytics on AWS (Level 400) Americas & Latin America Session 1 Build and deploy your first machine learning model with Amazon SageMaker (Level 400)	있는 그대로 자랑하고, 바로 분석 가능한 - 새로운 관점의 데이터 애널리틱 플랫폼 (Level 200)	Construindo Data Lakes e Soluções Analíticas (Level 200)	Construindo Lagos de Datos y Soluciones Analíticas (Level 200)	AWS Showcase (Booths) <ul style="list-style-type: none"> Training and Certification Getting Started Work with AWS Partners Public Sector AWS Marketplace Start Up Intel Ask the experts AWS Builders' Zone <ul style="list-style-type: none"> Intelligent car damage assessor Omni-channel contact center Smart customer authentication Media quality of service simplified Security automation toolkit Digital dermatology Smart parking Serverless healthcare platform Automatic email classifier Plant disease detector Build an AWS DeepLens Project Moving from your laptop to the cloud 																			
30 mins	Innovating with SAP on AWS: Delivering value beyond infrastructure (Level 200)	Managing relational databases on AWS (Level 200)	Need for speed: Build real-time stream processing pipelines on AWS (Level 200)	Build data lakes with Amazon S3 (Level 200)	Open-source ML frameworks on Amazon SageMaker (Level 300)	Designing Well-Architected IoT workloads on AWS (Level 300)	Protecting information with encryption on AWS (Level 300)	Building enterprise solutions with blockchain and ledger technology (Level 200)	Build, market, and sell with the AWS Partner Network (Level 200)	How to build a serverless startup from scratch in just 30 minutes (Level 200)	Mapping and visualizing your cloud infrastructure configuration with the power of a graph database (Level 300)	Spring Boot applications and Eclipse on AWS Elastic Beanstalk (Level 300)	Security at the speed of cloud: From ideation to implementation (Level 200)	Asia Pacific Timing 1 - Session 2 Day in Java Developer's Life, with a taste of Kubernetes using Amazon EKS and AWS AppMesh (Level 400) Asia Pacific Timing 2 - Session 2 Deploying machine learning in the browser (Level 400) Asia Pacific Timing 3 - Session 2 How to load test a web app without provisioning any servers (Level 400) Europe, Middle East & Africa Session 2 How to load test a web app without provisioning any servers (Level 400) Americas & Latin America Session 2 Building an Alexa skill to detect a user's mood (Level 400)	AWS IoT로 예지정비 실현하기 (Level 300)	Reduza os riscos utilizando segurança de infraestrutura nativa da nuvem (Level 200)	Reduza los riesgos mediante la seguridad de la infraestructura nativa de la nube (Level 200)																				
10 mins																			Break																		
30 mins	Smart ways to migrate your Microsoft workloads to AWS (Level 200)	Using non-relational databases (Level 200)	Building serverless analytics pipelines with AWS Glue (Level 200)	Data protection: Disaster recovery, backup, and archiving (Level 200)	Accurately automating dataset labeling using Amazon SageMaker Ground Truth (Level 200)	Narrowband IoT on AWS (Level 300)	Detecting security events in AWS (Level 300)	Enhancing customer engagement with Amazon Connect and machine learning (Level 200)	Maximize innovation and agility by building your SaaS solution on AWS (Level 200)	Tools for building your MVP on AWS (Level 200)	From data collection to actionable insights in 60 seconds (Level 300)	CI/CD for modern applications (Level 300)	Open data for genomics: Accelerating scientific discovery in the cloud (Level 200)	Asia Pacific Timing 1 - Session 2 Deploying machine learning in the browser (Level 400)	비관계획 데이터베이스 (NoSQL) 활용하기 (Level 200)	Construa, treine e implemente modelos de Machine Learning em qualquer escala com o Amazon SageMaker (Level 200)	Construye, entrena y despliega modelos de Machine Learning a cualquier escala, técnicas de implementación de ML utilizando Amazon SageMaker (Level 200)	Other Activities Include: <ul style="list-style-type: none"> Resource Hub Badges Innovate Challenge 																			
30 mins	VMware Cloud on AWS: The next-generation hybrid cloud (Level 200)	Migrating your databases to AWS (Level 200)	Data warehousing in the cloud (Level 200)	Moving files and block-based applications to AWS (Level 200)	Reinforcement learning with AWS DeepRacer and Amazon SageMaker RL (Level 300)	Predictive maintenance with AWS IoT (Level 300)	Automated security remediation (Level 300)	Driving innovation with edge computing in the media industry (Level 200)	Build a profitable and customer-centric next-gen MSP practice (Level 200)	Hiring the Amazon way: Ten best practices for hiring at scale (Level 100)	Keeping the need for orchestration out of your code, with serverless workflows (Level 300)	Simplify front-end apps with serverless backends in the cloud (Level 300)	Architecting the next generation of urban mobility using the AWS Cloud (Level 200)	Asia Pacific Timing 2 - Session 2 How to load test a web app without provisioning any servers (Level 400)	AWS DeepRacer 와 Amazon SageMaker RL로 강화학습 시각하기 (Level 200)	Open Banking, de um requerimento a uma oportunidade estratégica (Level 200)	Open banking, de un requerimiento a una oportunidad estratégica (Level 200)																				
30 mins	Cost-optimize Amazon EC2 workloads at scale (Level 200)	Database architecture decisions: Customer stories (Level 200)	Secure and analyze your operational and log data (Level 200)	Data governance and security in the cloud (Level 200)	Image and video analysis with Amazon Rekognition and Amazon Texttract (Level 200)	Serverless Industry 4.0 & AI: Drive business insights from machine data (Level 300)	Advanced container security (Level 300)	Increasing the value of video with machine learning and AWS Media Services (Level 200)	How APN Partners can leverage AWS AI and ML services (Level 200)	How we think about innovation at Amazon (Level 200)	Building microservices with event-driven architecture (Level 300)	Streamlining serverless development, testing, and deployment (Level 300)	Artificial intelligence for good: AI and ML for your mission and for the world (Level 200)	Americas & Latin America Session 2 Building an Alexa skill to detect a user's mood (Level 400)	AWS 클라우드를 통해 최소기능제품 (MVP) 빠르게 개발하기 (Level 200)	Introdução ao QVBR - Quality Defined Variable Bitrate Encoding (Level 200)	Introducción a QVBR - Quality Defined Variable Bitrate Encoding (Level 200)																				
40 mins																			Closing																		

* Agenda subject to change

Session Detail

Level 100

Introductory

Sessions are focused on providing an overview of AWS services, with the assumption that attendees are new to the topic.

Level 200

Intermediate

Sessions are focused on providing best practices, details of service features, and demos, with the assumption that attendees have introductory knowledge of the topic.

Level 300

Advanced

Sessions dive deeper into the selected topic. Presenters assume that the attendees has some familiarity with the topic but may or may not have direct experience implementing a similar solution.

Level 400

Expert

Sessions are for attendees who are deeply familiar with the topic, have implemented a solution on their own already, and are comfortable with how the technology works across multiple services, architectures, and implementations.