

## All Reinvent Sessions Attended

### ☐ NET301: Amazon VPC Advanced Design and what's new

Amazon VPC is a foundational service on AWS, giving you control over your virtual networking environment. Every year, AWS makes updates to Amazon VPC to help improve functionality, security, and usability. In this session, learn about the latest updates to Amazon VPC and how you can use them to enhance your current architectures.

Matt Lehwess, Senior Principal Solutions Architect, Amazon  
Alexandra Huides, Principal Networking Specialist Solutions Architect, AWS

Youtube Link: <https://www.youtube.com/watch?v=7qaSfmnFil0>

### ☐ DAT405 | Deep dive into Amazon Aurora and its innovations

With an innovative architecture that decouples compute from storage and advanced features like Amazon Aurora Global Database and low-latency read replicas, Aurora reimagines what it means to be a relational database. Aurora is a modern database service offering unparalleled performance and high availability at scale with full open source MySQL and PostgreSQL compatibility. In this session, dive deep into the most exciting new features that Aurora offers including Aurora PostgreSQL Limitless Database, Aurora I/O-Optimized, Aurora zero-ETL integration with Amazon Redshift, and Aurora Serverless v2. Additionally, learn how the addition of the pgvector extension allows for the storage of vector embeddings and support of vector similarity searches for generative AI.

Grant McAlister, Senior Principal Engineer, AWS

Youtube Link: <https://www.youtube.com/watch?v=kVVdHezNTpw>

### ☐ IMP302 | Generative AI for nonprofits: Low- to full-code development approaches

Many mission-based organizations struggle to advance generative AI. This interactive workshop is designed to help nonprofit builders develop generative AI applications with approachable low-code to full-code options. It focuses on an external-facing Q&A chatbot intended to improve member experience and reduce the communication burden on frontline staff. Choose to use low-code or full-code alternatives to get started, manage data, and deploy the Q&A chatbot to a custom website. Discover a variety of methods to develop generative AI applications that improve service experience and support internal staff. You

must bring your laptop to participate.

Ben Turnbull, Solutions Architect, AWS

Vince Bloise, Solutions Architect Manager, Amazon

Youtube Link: Not Available

## ☐ BIZ206 | Implementing resilient omni-channel notifications with AWS

In today's fast-paced business environment, it's critical to have reliable and timely communication channels to reach your customers. In this workshop, walk through the process of building a resilient omni-channel notification system that uses both primary and fallback communication channels to ensure your time-sensitive messages are delivered. Learn how to use AWS services like Amazon API Gateway, AWS Lambda, AWS End User Messaging, and Amazon SES to create a solution that monitors message delivery and automatically triggers a secondary channel if the primary channel fails within a specified time. Gain the knowledge to deploy your own customizable omni-channel communication solution that provides redundancy and improves customer engagement. You must bring your laptop to participate.

Tyler Holmes, Senior specialist solution architect, AWS

Pavlos Ioannou Katidis, AWS Sr. Solutions Architect, Amazon Web Services

Youtube Link: Not Available

## ☐ SVS211 | Celebrating 10 years of pioneering serverless and containers

Ten years ago, AWS Lambda pioneered serverless computing. Amazon ECS with AWS Fargate further catalyzed the serverless revolution. With serverless, builders are able to focus on delivering customer value instead of spending time managing servers. Serverless continues to be an innovative approach to building applications. Join this session to explore how serverless has evolved to help organizations drive the highest performance, availability, and security at low costs. Learn from leaders charged with defining the next generation of serverless how serverless powers applications across Amazon and AWS.

Usman Khalid, Director, AWS Lambda, AWS

Nick Coult, Director, Amazon

Catherine McGarvey, SVP, Capital One

Youtube Link: <https://www.youtube.com/watch?v=WquDOzxGDCQ>

## ☐ CDN401 | Practical applications of edge compute in Amazon CloudFront

With an increasingly more powerful serverless environment coupled with content delivery network (CDN) capabilities, Amazon CloudFront empowers

developers to build web applications that execute functions closer to end users, tailoring content delivery to the unique needs of users. This session delves into how to leverage the latest edge compute features while optimizing for both performance and scalability. Learn best practices and patterns for deploying custom logic at the edge, enabling you to harness the full potential of CloudFront's evolving features.

Kamil Bogacz, Senior Specialist Solution Architect, Amazon Web Services

David Brown, Principal Product Manager, Amazon Web Services

Danny Tourgeman, VP R&D, AppsFlyer

Youtube Link: <https://www.youtube.com/watch?v=rrlppOVdGYY>

## DOP204 | GitLab Duo with Amazon Q: AI-driven DevSecOps for your SDLC

In this session, learn how the Amazon Q Developer differentiating agent capabilities for GitLab Duo transform the developer experience by speeding up a range of tasks that support you as you research how to get started, evaluate system design, build secure and scalable applications, upgrade existing applications, and optimize application performance. Learn firsthand how capabilities for building, testing, reviewing, and transforming applications faster and more easily frees up teams to focus on experimentation and innovation.

Ali Maaz, Head of WW Q Developer GTM, AWS

Emilio Salvador, VP, Strategy & Developer Relations, GitLab

Rory Richardson, Director, GTM Next Generation Developer Experience, AWS

Youtube Link: [https://www.youtube.com/watch?v=\\_tKK5lAufCo](https://www.youtube.com/watch?v=_tKK5lAufCo)

## DOP214 | Unleashing generative AI: Amazon's journey with Amazon Q Developer

Join us to discover how Amazon rolled out Amazon Q Developer to thousands of developers, trained them in prompt engineering, and measured its transformative impact on productivity. In this session, learn best practices for effectively adopting generative AI in your organization. Gain insights into training strategies, productivity metrics, and real-world use cases to empower your developers to harness the full potential of this game-changing technology. Don't miss this opportunity to stay ahead of the curve and drive innovation within your team.

Erin Kraemer, Senior Principal Technical Product Manager, Amazon

Joe Cudby, PR World Wide GTM Specialist, AWS

Youtube Link: <https://www.youtube.com/watch?v=XYpkuxprJcw>

## KEY005 | Dr. Werner Vogels Keynote

Join Dr. Werner Vogels, VP and CTO at Amazon.com, as he shares the critical lessons and strategies he has learned for managing increasingly complex systems. The keynote explores the core principles for embracing complexity, drawing on Amazon's experiences building distributed systems at massive scale.

Robert Christiansen, VP, Engineering, Too Good To Go


Dr. Werner Vogels, VP and CTO, Amazon

Brendan Humphreys, CTO, Canva

Andy Warfield, VP / Distinguished Engineer, AWS

Youtube Link:

## COP321 | Centralize multicloud management using AWS

 Operating in a multicloud environment may introduce operational complexity. In this session, learn to streamline operations with AWS Systems Manager, which is designed to allow easier instance management across all environments. Also, gain insights into performance with Amazon CloudWatch and Amazon Managed Grafana, which deliver a unified dashboard of metrics and logs from virtually any data source. With these services, you can simplify day-to-day tasks, maintain control, and optimize resources—whether your workloads span across AWS, on premises, or multiple clouds. Centralize multicloud management so you can focus on what really matters—running your business.

Rich McDonough, Principal Technologist, Amazon Web Services

Ellie Tamari, Sr. Technologist- Multicloud Lead, AWS

Youtube Link: <https://www.youtube.com/watch?v=pcfBgkhnKsY>

## SVS330 | Unleashing the power of Amazon ECS for platform teams

Amazon ECS revolutionizes container orchestration, empowering developers and platform builders. In this session, learn how Amazon ECS and AWS App Runner simplify the development process by removing build steps, decreasing the time it takes to get code into production. For platform builders, see how Amazon ECS can enhance your platform strategy, with its seamless integration with AWS compute, storage, and load balancing services. Throughout this session, explore real-world use cases and best practices for building highly scalable, secure platforms for containerized applications.

Michael Lee, VP, Finance, HR, and Corporate Functions Tech, Fannie Mae

Olly Pomeroy, Specialist Solution Architect, Containers, Amazon Web Services

Jennifer Lin, Principal Product Manager, AWS

Youtube Link: <https://www.youtube.com/watch?v=T-fFyEsLXXE>

## ☐ SVS329 | Simplifying multi-tenancy with SaaS applications on AWS Fargate

There is a growing trend to build SaaS solutions on Amazon ECS. Developing multi-tenant SaaS applications requires addressing multiple concerns, including tenant isolation, tenant onboarding, tenant-specific metering, monitoring, and other SaaS aspects. In this session, explore how to manage multi-tenancy aspects when deploying solutions on Amazon ECS with AWS Fargate.

Nathan Peck, Senior Developer Advocate, Amazon

Youtube Link: <https://www.youtube.com/watch?v=M7tNpEnnnhk>

## ☐ DOP207-S | Understanding software logistics: The rise of the platform engineer (sponsored by GitLab)

Many organizations struggle with a significant imbalance between developers and operations, which can lead to challenges in decision-making and timely software delivery. In this session, learn about the concept of software factories and holistic approaches to software logistics. Explore innovative strategies to improve CI/CD processes and optimize container deployments for better distribution and delivery in AWS environments. Gain valuable insights from industry experts on how leading companies are adapting to these challenges while improving efficiency and customer value. Leave this session with practical knowledge to elevate your DevOps practices. This presentation is brought to you by GitLab, an AWS Partner.

Jason Valentino, Head of Software Developer Practice, BNY

Lee Faus, Global Field CTO, GitLab

Youtube Link: <https://www.youtube.com/watch?v=nGMy7N15ngI>

## ☐ SVS327 | Navigating the cloud compute landscape with Amazon ECS

Amazon ECS gives architects choice when designing robust and scalable compute environments for containerized applications. In this session, explore the different compute options available in Amazon ECS and dive deep into the technology that supports each compute type. In this session, gain insights into Amazon ECS capacity providers for both Amazon ECS and AWS Fargate and learn the architectural trade-offs involved in supporting a range of use cases and workloads.

Alexandr Moroz, Product Manager, AWS

Re Alvarez Parmar, Principal Solutions Architect, Amazon Web Service

Youtube Link: [https://www.youtube.com/watch?v=i\\_ioBnDuaiU](https://www.youtube.com/watch?v=i_ioBnDuaiU)

## ☐ STG214-R1 | Optimizing storage for your containers and Amazon EKS

applications [REPEAT]

Maximize your application's performance, reduce operational costs, and gain a competitive edge by optimizing storage for your containerized applications and Amazon EKS deployments. This chalk talk reveals how strategic storage choices can boost productivity and accelerate application availability. Dive into the IO profiles of file and object storage, aligning each with specific application needs. Whether you're dealing with high-performance needs or complex data requirements, this talk provides actionable insights to refine your storage strategy, enhance performance, and drive efficiency. Join us for best practices for using EKS storage to achieve unparalleled operational excellence.

Mitch Becker, Sr. Storage Specialist, AWS

Sebastien Berube, Storage Specialist Solution Architect Mgr, Amazon Web Services

Youtube Link:

☐ ARC212-S: Not attended

### **ARC212-S | How Cambia supercharged their Amazon EKS based platform (sponsored by Datadog)**

Containers are the standard for packaging and deploying modern, cloud-native applications, and a rich ecosystem has grown around them. Community projects like Kubernetes, Argo CD, and others empower organizations to operate more scalable, reliable systems. As a technology leader in the healthcare industry, Cambia Health Solutions has used containers for a long time, but they recently migrated from Amazon ECS to Amazon EKS in order to take advantage of the expansive Kubernetes ecosystem. Learn more about their migration and the tools they've used to increase their development velocity, improve reliability, and harness more power from their AWS compute resources. This presentation is brought to you by Datadog, an AWS Partner.

Kyle Murphy, Platform Infrastructure Engineer, Cambia Health Solutions

Youtube Link:

☐ KEY002-OF27 | CEO Keynote with Matt Garman [OVERFLOW]

Join AWS CEO Matt Garman to hear how AWS is innovating across every aspect of the world's leading cloud. He explores how we are reinventing foundational building blocks as well as developing brand new experiences, all to empower customers and partners with what they need to build a better future.

Youtube Link: <https://www.youtube.com/watch?v=LY7m5LQliAo>

☐ DAT421-NEW | [NEW LAUNCH] Build a multi-Region, active-active

## rewards app with Amazon Aurora DSQL

In this workshop, get hands-on experience with Amazon Aurora DSQL, a new serverless distributed SQL database that delivers active-active high availability. Learn how to build a retail rewards points application with active-active resiliency across multiple Availability Zones and two Regions. Explore how ACID transactions and active-active replication work in Aurora DSQL. Discover best practices for data model and application design and more. You must bring a laptop to participate.

James Morle, Principal Engineer, AWS

Tim Gustafson, Principal Database Specialist SA, Amazon Web Services

Youtube Link: <https://www.youtube.com/watch?v=9wx5qNUJdCE>

## KUB314-SC1 | High-performance generative AI on Amazon EKS [SIMULCAST]

Generative AI models have opened up new possibilities in computing, but deploying them effectively can be challenging. Many are turning to open source tools on Kubernetes for solutions. Join this session to explore how Amazon EKS can address the infrastructure needs of generative AI, including GPU acceleration, scalability, and low-latency responses. Learn practical insights, see case studies of successful implementations, and discover best practices for using Amazon EKS to control costs while optimizing performance.

Mike Stefaniak, Sr. Manager Product Management, AWS

Cas Starsiak, AVP Enterprise Research and AI, Software Product Management, Lilly

Rama Ponnuswami, Principal Containers Specialist, AWS

Youtube Link: KUB314-SC1 reinvent session