

re:Invent 2023 Launch Summary Slides

Analytics

[Redshift provisioned concurrency scaling and serverless autoscaling now supports Create Table As Select \(CTAS\)](#)

[Amazon Redshift now supports multi-data warehouse writes through data sharing \(preview\)](#)

[AWS announces support for large language models in Amazon Redshift ML \(Preview\)](#)

[Announcing the Cost and Usage Dashboard powered by Amazon QuickSight](#)

[AWS Glue Data Quality announces anomaly detection and dynamic rules](#)

[Amazon MSK now supports Graviton3-based M7g instances for new provisioned clusters](#)

[Amazon Redshift announces Multidimensional Data Layouts to optimize your query performance \(preview\)](#)

[Amazon Redshift adds support for incremental refresh for materialized views on data lake tables \(preview\)](#)

[AWS Glue Data Catalog supports multi engine views with AWS Analytics Engines](#)

[Accelerate data processing and analysis with Amazon EMR and Amazon S3 Express One Zone](#)

[Accelerate data lake queries with Amazon Athena and Amazon S3 Express One Zone](#)

[AWS Clean Rooms Differential Privacy is now available in preview](#)

[Vector engine for Amazon OpenSearch Serverless now generally available](#)

[Amazon Redshift announces general availability of support for Apache Iceberg](#)

Analytics (cont'd)

[Amazon OpenSearch Service zero-ETL integration with Amazon S3 preview now available](#)

[AWS announces OR1 for Amazon OpenSearch Service](#)

[Announcing enhanced manageability and usability features for Amazon Redshift Serverless](#)

[Amazon Redshift announces general availability of row-level security enhancements](#)

[Amazon Redshift now supports metadata security to simplify multi-tenant applications](#)

Application Integration

[AWS Step Functions launches support for HTTPS endpoints and a new TestState API](#)

[AWS Step Functions launches optimized integration for Amazon Bedrock](#)

[Amazon EventBridge now supports partner integrations with Adobe and Stripe](#)

[Amazon SQS announces support for FIFO dead-letter queue redrive](#)

[Announcing AWS B2B Data Interchange](#)

[Amazon SQS announces increased throughput quota for FIFO High Throughput mode](#)

Blockchain

[Announcing preview of AMB Access Polygon, serverless access to Polygon blockchain](#)

Business Applications

[Introducing Amazon One Enterprise \(Preview\)](#)

[Amazon Connect now supports two-way SMS](#)

[Amazon Connect provides Zero-ETL analytics data lake to access contact center data \(preview\)](#)

[Amazon Connect Contact Lens now provides real-time conversational analytics for chat](#)

[Amazon Connect now offers in-app, web, and video calling](#)

[Amazon Connect launches no-code UI builder to configure step-by-step guides](#)

Cloud Financial Management

[AWS Free Tier usage is now available through the GetFreeTierUsage API](#)

[Amazon Web Services announces Unified Billing and Cost Management console](#)

[Introducing Cost Optimization Hub](#)

[Announcing Data Exports for AWS Billing and Cost Management](#)

Cloud Operations

[Amazon Managed Service for Prometheus launches an agentless collector for Prometheus metrics from Amazon EKS](#)

[CloudWatch now supports hybrid and multicloud metrics querying and alarming](#)



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Cloud Operations (cont'd)

[AWS Config now supports periodic recording: Efficiently scale your change tracking](#)

[AWS Systems Manager Automation makes it easier to author runbooks with new low-code visual design experience](#)

[AWS Compute Optimizer introduces customizable rightsizing recommendations for EC2 Instances](#)

[Automate AWS Control Tower landing zone operations using APIs](#)

[AWS CloudTrail Lake data now available for zero-ETL analysis in Amazon Athena](#)

[Amazon CloudWatch Logs announces Infrequent Access log class](#)

[AWS Control Tower announces 65 new controls to help meet digital sovereignty requirements](#)

[Observe your applications with Amazon CloudWatch Application Signals \(Preview\)](#)

[myApplications: One place to view and manage your applications on AWS](#)

Compute

[Announcing Amazon EC2 High Memory U7i instances \(Preview\)](#)

[ENA Express supports 58 new instances with sizes as small as 16 vCPUs](#)

[Announcing new Amazon EC2 R8g instances powered by AWS Graviton4 processors \(Preview\)](#)

Containers

[Amazon EKS introduces EKS Pod Identity](#)

Customer Enablement

[Announcing the general availability of AWS re:Post Private](#)

Databases

[Announcing the general availability of Amazon RDS for Db2](#)

[Announcing Amazon Aurora Limitless Database](#)

[AWS announces Amazon ElastiCache Serverless](#)

[AWS announces Amazon Aurora PostgreSQL zero-ETL integration with Amazon Redshift \(Public Preview\)](#)

[AWS announces Amazon RDS for MySQL zero-ETL integration with Amazon Redshift \(Public Preview\)](#)

[AWS announces Amazon DynamoDB zero-ETL integration with Amazon Redshift](#)

[AWS announces Amazon DynamoDB zero-ETL integration with Amazon OpenSearch Service](#)

[Amazon Neptune Analytics is now generally available](#)

[AWS announces vector search for Amazon MemoryDB for Redis \(Preview\)](#)

[AWS announces vector search for Amazon DocumentDB](#)

Developer Tools

[AWS CloudFormation introduces Git management of stacks](#)

[Announcing Multi-Account Experiments for AWS Fault Injection Service](#)

[AWS SDK for Kotlin is now generally available](#)

[AWS SDK for Rust is now generally available](#)

[Introducing the Amazon CodeCatalyst Enterprise Tier](#)

[Announcing custom blueprints for Amazon CodeCatalyst](#)

[AWS Application Composer announces AWS Step Functions Workflow Studio integration](#)

[AWS SDK for Kotlin is now generally available](#)

[AWS Fault Injection Service launches two highly requested scenarios](#)

[Amazon Inspector enhances container image security by integrating with developer tools](#)

[Introducing an Integrated Development Environment \(IDE\) extension for AWS Application Composer](#)

End User Computing

[Amazon WorkSpaces Multi-Region Resilience launches one-way data replication](#)

[Amazon WorkSpaces Thin Client is now generally available](#)

Front-End Web & Mobile

[AWS AppSync improves support for Amazon Aurora clusters configured with the RDS Data API](#)



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Generative AI

[AWS Config launches generative AI-powered natural language querying \(Preview\)](#)

[Amazon Inspector expands AWS Lambda code scanning with generative AI powered remediation](#)

[Amazon CloudWatch announces AI-powered natural language query generation \(in preview\)](#)

[Amazon Personalize now creates themes for recommendations using generative AI](#)

[Amazon Transcribe Call Analytics now offers generative call summarization \(preview\)](#)

[New Discover Apps page for PartyRock, an Amazon Bedrock Playground](#)

[Announcing new enhancements to Amazon CodeWhisperer](#)

[Announcing Conversational FAQ with generative AI for Amazon Lex \(Preview\)](#)

[Announcing AWS Console-to-Code \(Preview\) to generate code for console actions](#)

[Amazon Detective introduces finding group summaries using generative AI](#)

[Descriptive Bot Builder with Generative AI](#)

[Announcing utterance generation for Amazon Lex](#)

[Assisted Slot Resolution with Generative AI](#)

[AWS AppFabric's new generative AI feature helps build cross-app experiences \(Preview\)](#)

[AWS Healthscribe is now generally available](#)

Generative AI (cont'd)

[Announcing Amazon Q expert capabilities for AWS \(Preview\)](#)

[Boost generative AI application development with Agents for Amazon Bedrock](#)

[Amazon Q offers help to optimize EC2 instance type selection \(preview\)](#)

[Amazon Connect announces generative AI powered customer data mapping](#)

[AWS Chatbot now supports Amazon Q conversations in Microsoft Teams and Slack](#)

[Amazon Connect Contact Lens provides generative AI powered contact summarization \(preview\)](#)

[AWS announces Amazon Q \(Preview\)](#)

[Amazon Q in QuickSight simplifies data exploration with Generative BI capabilities \(Preview\)](#)

[Announcing feature development capability of Amazon Q \(Preview\) in Amazon CodeCatalyst](#)

[AWS Announces Amazon Q is available in preview on the AWS Console Mobile App](#)

[Amazon Q in Connect offers generative AI powered agent assistance in real-time](#)

[AI recommendations for descriptions in Amazon DataZone \(Preview\)](#)

[Meta Llama 2, Cohere Command Light, and Amazon Titan FMs can now be fine-tuned in Amazon Bedrock](#)

[Safeguard generative AI applications with Guardrails for Amazon Bedrock \(Preview\)](#)

[Knowledge Bases for Amazon Bedrock is now generally available](#)

Generative AI (cont'd)

[Continued pre-training in Amazon Bedrock now available in preview](#)

[Amazon Bedrock now supports batch inference](#)

[Amazon Titan Text models—Express and Lite—now generally available in Amazon Bedrock](#)

[Amazon Titan Multimodal Embeddings foundation model now generally available in Amazon Bedrock](#)

[Stable Diffusion XL 1.0 foundation model from Stability AI is now generally available in Amazon Bedrock](#)

[Llama 2 70B foundation model from Meta is now available in Amazon Bedrock](#)

[Claude 2.1 foundation model from Anthropic is now generally available in Amazon Bedrock](#)

[Evaluate, compare, and select the best FMs for your use case in Amazon Bedrock \(Preview\)](#)

[Amazon Q generative SQL is now available in Amazon Redshift Query Editor \(preview\)](#)

[Announcing Amazon SageMaker HyperPod, a purpose-built infrastructure for distributed training at scale](#)

[Leverage FMs for business analysis at scale with Amazon SageMaker Canvas](#)

[Amazon SageMaker Canvas now supports natural language instructions for data preparation](#)

[Amazon SageMaker Clarify now supports foundation model \(FM\) evaluations in preview](#)

[Announcing new AWS AI Service Cards - to advance responsible AI](#)



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Internet of Things

[FreeRTOS roadmap and code contribution process now published on freertos.org](#)

[AWS IoT SiteWise Edge Now Available on Siemens Industrial Edge Marketplace \(Preview\)](#)

[Announcing vision system data from AWS IoT FleetWise \(Preview\)](#)

Machine Learning

[Powered by foundation model, Amazon Transcribe now supports over 100 languages](#)

[Amazon Monitron launches Ex-rated sensors for hazardous locations](#)

[Recommend actions that increase brand loyalty with Amazon Personalize Next Best Action](#)

[AWS announces CloudWatch Logs Anomaly Detection and Pattern analysis](#)

[Amazon SageMaker launches a new version of Large Model Inference DLC with TensorRT-LLM support](#)

[AWS Clean Rooms ML is now available in preview](#)

[Amazon SageMaker Pipelines now provide a simplified developer experience for AI/ML workflows](#)

[Announcing smart sifting of data for Amazon SageMaker Model Training in preview](#)

[Amazon SageMaker launches new inference capabilities to reduce costs and latency](#)

[Announcing API support for creating Amazon SageMaker Notebook jobs](#)

Machine Learning (cont'd)

[SageMaker now provides improved SDK tooling and UX for model deployment](#)

[Amazon SageMaker now provides a new setup and onboarding experience on AWS SageMaker console](#)

[New and improved Amazon SageMaker Studio](#)

[Amazon SageMaker Distribution is now available on Code Editor based on Code-OSS and JupyterLab](#)

[Bring your own Amazon EFS \(Elastic File System\) volume to JupyterLab and CodeEditor in Amazon SageMaker Studio](#)

[Announcing Code Editor, based on Code-OSS \(VS Code – Open Source\), in Amazon SageMaker Studio](#)

[Amazon SageMaker Studio now provides a faster fully-managed notebooks in JupyterLab](#)

Migration & Transfer

[AWS Mainframe Modernization File Transfer with BMC is now generally available](#)

[AWS Mainframe Modernization Data Replication with Precisely is now available for IBM i](#)

[AWS Mainframe Modernization Replatform with NTT DATA is now available](#)

[Virtualization for SPARC on AWS with Stromasys is now available](#)

[Introducing AWS Mainframe Modernization Application Testing \(Preview\)](#)

Networking & Content Delivery

[Application Load Balancer can authenticate X.509 certificate based identities with Mutual TLS support](#)

[Application Load Balancer increases application availability with Automatic Target Weights](#)

[Amazon Route 53 Application Recovery Controller launches zonal autoshift](#)

Partner

[Announcing enhanced capabilities for Partner-Led Support](#)

[AWS Partner Network launches new Amazon EKS Ready Specialization](#)

[Introducing AWS Resilience Competency Partners](#)

[Announcing AWS Marketplace APIs for sellers](#)

[AWS Partner CRM Connector now supports AWS Marketplace](#)

[Announcing Solution Building Enablement for Partners](#)

[Announcing SaaS Quick Launch for AWS Marketplace](#)

Quantum Technologies

[Amazon Braket launches Braket Direct, a program to dive deeper into quantum computing](#)



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Security, Identity, & Compliance

[Amazon GuardDuty now supports runtime monitoring for Amazon EC2 \(Preview\)](#)

[IAM Access Analyzer now simplifies inspecting unused access to guide you toward least privilege](#)

[New from AWS: You can now customize security controls in AWS Security Hub](#)

[IAM Access Analyzer introduces custom policy checks powered by automated reasoning](#)

[AWS Secrets Manager now supports batch retrieval of secrets](#)

[Amazon Detective supports security investigations for Amazon GuardDuty ECS Runtime Monitoring](#)

[Amazon Detective announces investigations for IAM](#)

[Introducing Amazon GuardDuty ECS Runtime Monitoring, including AWS Fargate](#)

[AWS Analytics simplify users' data access across services with IAM Identity Center](#)

[Amazon Detective now supports log retrieval from Amazon Security Lake](#)

[Amazon Inspector agentless vulnerability assessments for Amazon EC2 now in preview](#)

[Announcing new central configuration capabilities in AWS Security Hub](#)

[Announcing major dashboard enhancements in AWS Security Hub](#)

[Announcing new finding enrichment in AWS Security Hub](#)

[Request a Cyber Insurance Quote from an AWS Cyber Insurance Competency Partner](#)

[AWS Built-in Competency Partner software automates installation for customers](#)

Storage

[Amazon S3 Access Grants integrate with identity providers to simplify data lake permissions](#)

[Announcing Amazon FSx for NetApp ONTAP scale-out file systems](#)

[You can now manage and back up FSx for ONTAP FlexGroup volumes using the AWS Console and API](#)

[Announcing the new Amazon EFS Archive storage class](#)

[Amazon FSx for OpenZFS now supports on-demand data replication across file systems](#)

[Amazon EFS now supports up to 250,000 IOPS per file system](#)

[FSx for ONTAP now supports creating Multi-AZ file systems in Shared VPC participant accounts](#)

[AWS Backup now supports Amazon Elastic Block Store \(EBS\) Snapshots Archive](#)

[Announcing AWS Elastic Disaster Recovery in the AWS GovCloud \(US\) Regions](#)

[Amazon EFS Replication now supports failback](#)

[AWS Backup launches support for restore testing](#)

[New updates automatically accelerate Amazon S3 data transfer for ML training](#)

[Mountpoint for Amazon S3 CSI driver is now generally available](#)

[Mountpoint for Amazon S3 now supports the Amazon S3 Express One Zone storage class](#)

[Announcing the Amazon S3 Express One Zone storage class](#)

Support

[AWS Support launches AWS Countdown with a premium tier](#)

Well Architected

[Announcing Lens Catalog for the AWS Well-Architected Tool](#)

