



AWS

User Group

Munich / Germany

AWS Important Releases

01. June 2022 – 06. July 2022

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Global Infrastructure

- Amazon Route 53 announces IP-Based Routing for DNS Queries
- **IMPORTANT:** TLS 1.2 to become the minimum TLS protocol level for all AWS API endpoints by June 28, 2023
 - More info and how to check: <https://link.aws-muc.de/tls12>

Compute

- Introducing Amazon R6id instances
 - Ohio, N. Virginia, Oregon, Ireland
 - Up to 7.6 TB of local NVMe-based SSD block-level storage
- Amazon EC2 R5n instances now available in Milan
- Amazon EC2 C6i instances are now available in Frankfurt
- Amazon EC2 C6gn instances now available in Paris, Milan
- Amazon EC2 G5 (GPU) instances now available in Frankfurt
- Amazon EC2 C7g (Graviton3) instances now available in Ireland

Storage

- AWS Snowcone SSD is now available in Paris



- Amazon S3 on Outposts now supports presigned URLs

Serverless

- AWS SAM Accelerate is now generally available
 - Quickly test code changes against the cloud

Databases & Big Data

- Amazon Aurora PostgreSQL-compatible
 - Supports zero-downtime patching
 - Supports PostgreSQL 14
- Amazon RDS Multi-AZ deployments with one primary and two readable standby instances (PostgreSQL & MySQL only)
 - Available in Frankfurt and Stockholm
 - M5d and R5d instances
- Amazon OpenSearch
 - Support for cross-region search
 - Tag-based authorization for data read and write operations

Databases & Big Data

- Amazon Keyspaces adds table storage costs metric `BillableTableSizeInBytes` to Amazon CloudWatch
- DocumentDB v4 enables dynamic resizing for storage space
- AWS Glue Streaming ETL now supports auto-decompression
 - BZIP, GZIP, SNAPPY, XZ, ZSTD, and DEFLATE

DevTools

- Enable Amazon DevOps Guru for RDS from within the Amazon RDS Console
 - Detect, diagnose, and provide remediation recommendations for a wide variety of database-related performance issues, such as resource over-utilization and misbehavior of SQL queries
- Amazon CodeWhisperer (Preview)
 - Java, JavaScript, and Python
 - Integrates into IDEs (Jetbrains, Visual Studio Code, AWS Cloud9, and the AWS Lambda console)
- AWS Toolkit for Visual Studio adds Amazon CloudWatch Logs Integration

Analytics & Monitoring

- Amazon Lookout for Metrics enables anomaly detection on your historical CloudWatch data
- Amazon QuickSight
 - Launches rolling date functionality
 - Adds Level Aware Calculations (for window and aggregate functions)
 - Sends Metrics to Cloudwatch
 - Launches custom subtotals at all levels
 - Launches ability to show/hide columns for pivot table
 - Launches APIs for account creation

Security & Compliance

- AWS Single Sign-On is now available in Milan
- AWS WAF
 - WAF Captcha is now GA
 - Support for inspecting multiple request headers at once
- AWS CloudFormation Guard 2.1 is now GA
 - backward compatible with cfn-guard 2.0
 - Adding an option to view verbose color-coded outputs during template validation that will show code snippets on failure
 - Adding parametrized rules
 - Introduces directory bundle support for running validations
 - Introduces dynamic data lookup for inspection via multiple data files

Security & Compliance

- AWS IAM Roles Anywhere
 - Using X.509 Certs to access IAM to create temporary credentials

AI/ML

- Amazon SageMaker Studio and SageMaker Notebook Instance now come with JupyterLab 3 notebooks
- Amazon Personalize adds support for unstructured text in six new languages: German, Spanish, French, Portuguese, Chinese (Simplified and Traditional) and Japanese
- Amazon Polly adds new male Neural TTS voices in 4 languages (including German)

IoT

- AWS IoT ExpressLink is now GA
- AWS IoT Greengrass now supports MQTT v5

Pricing

- Announcing AWS Cost Allocation Tag API

Others

- Amazon Kendra releases GitHub SaaS Connector (On-Prem & Cloud)
- AWS Mainframe Modernization is now GA
 - replatforming and automated refactoring as patterns
- AWS Elastic Disaster Recovery is now available in Milan, Paris, Stockholm
- AWS Connect
 - LOTS of updates!
- AWS AppStream
 - Enables UDP streaming for Windows native client
 - Adds larger instances sizes for the General Purpose family

AWS Community & Events

- AWS Community Day 2022 in planning
 - Most probably October 2022
 - In person event
- AWS re:Invent 2022 in Las Vegas
 - Nov 28th to Dec 2nd
 - Registration open: <https://reinvent.awsevents.com/>
- Next Meetup AWS UG Munich:
 - August 2nd powered by AWS ProServe (Meetup Listing coming soon!)