

AWS User Group

Munich / Germany



AWS Important Releases

08. Feb 2023 – 05. March 2023

Markus Ostertag – CTO @ Ryte



Global Infrastructure

 Working on new regions in Canada, Israel, New Zealand, and Thailand -> Malaysia now in the works too!



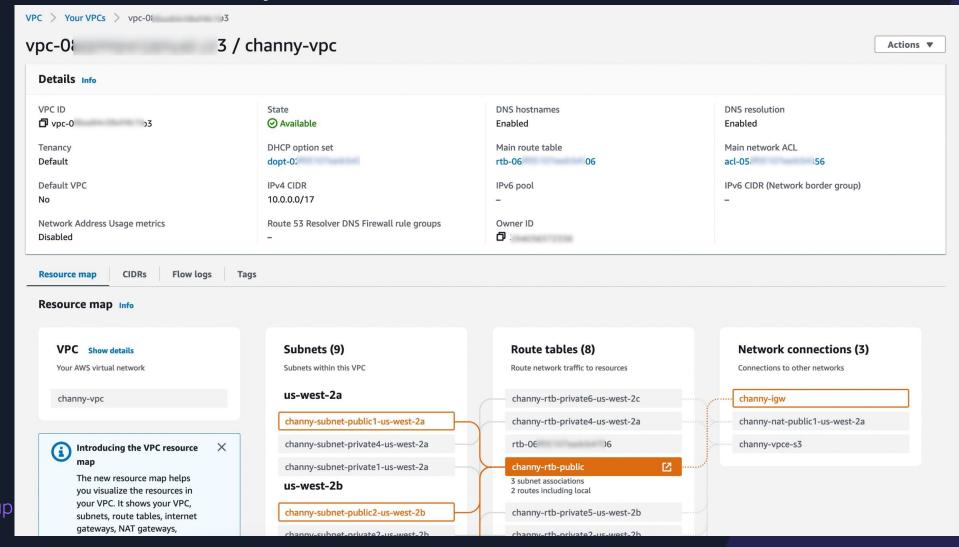
Compute

- R6gd instances now available in London
- X2idn instances now available Zurich
- M7g and R7g (Graviton 3) instances now GA (US East 1 & 2, US West 2, Ireland)
- C7g instances now in Frankfurt
- Auto Scaling Group Instance Refresh Updates:
 - Standby or Protected instances terminate them, ignore them altogether, or wait until they return to in service/remove the protection
 - Automatic rollback on failure



Network

VPC Resource Map now GA



Network

• Transit Gateway not available in Zurich



Serverless

- Lambda launches new CloudWatch metrics for asynchronous invocations
 - AsyncEventsReceived, AsyncEventAge, AsyncEventsDropped
- AWS App Runner
 - now supports HTTP to HTTPS redirect
 - introduces WAF support
 - Now available in Frankfurt



Databases & Big Data

- Redis now supports auto scaling in Spain & Zurich
- EMR on EKS adds support for job execution retries
- EMR Serverless now supports large worker sizes (you remember the Fargate update in Sept '22)
 - 8 vCPUs up to 60 GB RAM
 - 16 vCPUs up to 120 GB RAM
- RDS for MySQL, MariaDB & SQL Server adds new disaster recovery capabilities with Cross-Region Automated Backups
 - automatic replication of system snapshots and transaction logs
- Redshift introduces ROLLUP, CUBE, and GROUPING SETS in GROUP BY clause



Databases & Big Data

- RDS for PostgreSQL now supports major version PostgreSQL
 15
- DocumentDB
 - change streams are now an event source for Lambda
 - DocumentDB 5.0 with support for MongoDB 5.0 wire protocol, clientside field level encryption, max storage 128 TiB and new aggregate operators for date fields
- Amazon Timestream now supports batch loading data
 - CSV on S3



Analytics & Monitoring

- SNS now supports AWS X-Ray active tracing
- CloudWatch announces increased quotas for Logs Insights
 - log group quota from 20 to 50
 - query timeout from 15min to 60min
 - query concurrency from 20 to 30
- CloudWatch RUM now supports customer defined
- CloudWatch Internet Monitor is now GA
 - Same data that AWS uses to monitor internet uptime and availability of their networks



DevTools / DevOps

- Step Functions
 - adds integration for 35 services and many API actions
 - Distributed Map available in Zurich and Spain



Security & Compliance

- GuardDuty now available in Spain
- Amazon Fraud Detector (AFD) launched AFD-Lists
 - Lists allow to reference a set of values in your AFD rules
- Cognito identity pool data events are now available in CloudTrail
- AWS WAF Captcha adds support for ten additional languages (including German)



AI/ML

Amazon Forecast now supports built-in holiday data for 251 countries



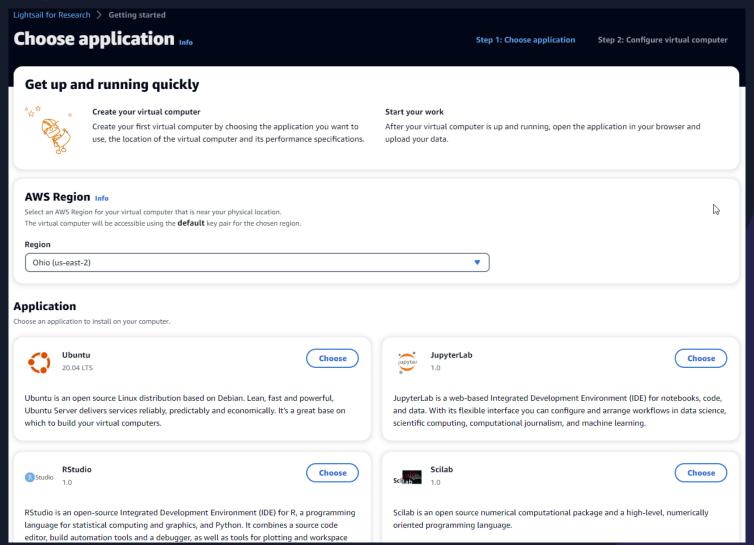
Others

Amazon Lightsail for Research



Others

Amazon Lightsail for Research vs. Amazon Workspaces?





AWS Community & Events

- AWS Summit Berlin 2023 on May 4th
 - AWS Community Lounge Call for Speaker: https://link.aws-muc.de/community-summit-2023
- AWS Community Day DACH 2023 on Sept 14th
 - ♥ In Munich ♥ (SmartVillage Bogenhausen)
 - We need sponsors!
- Next Meetup AWS UG Munich:
 - Wednesday April 19th at Wayra with Telefonica (Meetup Listing coming soon!)

