

AWS Important Releases

Markus Ostertag
Team Internet AG

also available in a few days at: <https://github.com/Osterjour/aws-ug-announcements>

Global Infrastructure

- AWS Global Accelerator is now available also in London and Paris (and many more)
- Hong Kong Region is available
 - 8th in Asia Pacific , 21st worldwide
- Cloudfront adds 11 Edge locations

Compute

- P3dn instances are available in Dublin
- T3a is GA in N. Virginia, Ohio, Oregon, Ireland and Singapore
- Elastic Fabric Adapter (EFA)
 - low-latency network adapter for HPC
- I3en is now GA
 - us-east1, us-west2, eu-west1

i3en.large	2	16	1 x 1,250 GB	Up to 25 Gbps
i3en.xlarge	4	32	1 x 2,500 GB	Up to 25 Gbps
i3en.2xlarge	8	64	2 x 2,500 GB	Up to 25 Gbps
i3en.3xlarge	12	96	1 x 7,500 GB	Up to 25 Gbps
i3en.6xlarge	24	192	2 x 7,500 GB	25 Gbps
i3en.12xlarge	48	384	4 x 7,500 GB	50 Gbps
i3en.24xlarge	96	768	8 x 7,500 GB	100 Gbps

Serverless

- Amazon Kinesis Data Firehose can now utilize AWS PrivateLink
- Amazon Kinesis Data Analytics now in London (and others)
- Lambda adds support for Node.js v10

Storage

- Amazon S3 Introduces S3 Batch Operations for Object Management

Databases & Big Data

- C5, M5, and R5 instances for Elasticsearch Service
- COPY data from S3 into PostgreSQL >11.1 RDS
- Performance Insights GA on Amazon Aurora MySQL 5.7
- Aurora Global Database expands Availability to 14 AWS Regions
- Reconfiguring Applications on Running EMR Clusters
 - Apache Hadoop, Apache Spark, Apache Hive and Hue
- EMR now with Multiple Master support

Analytics & Monitoring

- AWS X-Ray Analytics

Security

- AWS Secrets Manager now available in Stockholm
- Amazon GuardDuty now available in Stockholm
- AWS Secrets Manager client-side caching library (Python, Go, .NET, Java, JDBC)
- Launch encrypted EBS backed EC2 instances from unencrypted AMIs

AI

- Amazon Transcribe available in Frankfurt

Others

- AWS Client VPN is now available in the Frankfurt, London) and other regions
- AWS Certified Alexa Skill Builder - Specialty certification now available
- Amazon VPC Flow Logs can now be delivered to S3 in the Stockholm
- AWS Server Migration Service (SMS) now with Azure support
- Amazon Managed Blockchain
 - Hyperledger Fabric for now – Ethereum is coming
- Amazon Workmail now with Cloudwatch Metrics and Logs

Pricing

- Reservation Expiration Alerts Now Available in AWS Cost Explorer
- DocumentDB now with per-second billing
- Amazon RDS with second billing for instances and storage
 - 10 minute minimum charge (create, restore or start)

Events

- **AWS re:Invent 2019**
 - Registration starts on May 21st
- **We start working on AWS Community Day 2019**
 - September 2019 (not during Wiesen)