

AWS Important Releases

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

Compute

- Z1d instances are available in Frankfurt now
- M5ad and R5ad with AMD EYPC processor available

Container

- Amazon EKS Introduces Kubernetes API Server Endpoint Access Control
- Amazon EKS Opens Public Preview of Windows Container Support
- Amazon EKS now delivers Kubernetes Control Plane Logs to CloudWatch Logs

Serverless

- Amazon SQS FIFO now available in Stockholm
- Amazon Kinesis Data Analytics supports AWS CloudTrail Logging
- AWS Amplify Console now available in Frankfurt

Network

- ALB now support advanced request routing based on HTTP headers and methods, query parameters, and source IP addresses
- BYOIP now available in Dublin, London, Frankfurt

Storage

- Amazon S3 Glacier Deep Archive is GA
 - ~\$1 per TB per month
- AWS Backup is now available in Frankfurt

Databases & Big Data

- AWS DocumentDB is now available in Frankfurt
- Amazon ElastiCache for Redis adds dynamic network processing to enhance I/O handling in Redis 5.0.3
 - 83% increase in throughput and up to 47% reduction in latency per node
 - ≥ 4 vCPUs
- Amazon Redshift announces Concurrency Scaling
- Amazon Aurora PostgreSQL now supports logical replication using native PostgreSQL replication slots

Databases & Big Data

- Amazon Elasticsearch Service announces support for Elasticsearch 6.5 (and Kibana 6.5)
- Amazon Elasticsearch Service adds event monitoring and alerting support

Analytics & Monitoring

- Cloudwatch (finally) adds search expressions for graphs

Security

- **AWS KMS with new limits**
 - 1,000 to 10,000 for customer-managed keys
 - 1,100 to 10,000 for Aliases
 - 2,500 to 10,000 for Grants
- **AWS Secrets Manager now available in Paris**

AI

- Amazon Transcribe now supports speech-to-text in German and Korean

Others

- AWS Systems Manager with 99.9% SLA
- Amazon Neptune with 99,9% SLA
- Amazon Robomaker with 99,9% SLA
- Amazon Corretto 11 is GA (OpenJDK 11)
- New AWS Certified Machine Learning - Specialty Certification
- AWS WorkDocs Drive now with offline content and search

Others

- **AWS Event Fork Pipelines – Nested Applications for Event-Driven Serverless Architectures**
 - suite of open-source applications based on the AWS Serverless Application Model

Pricing

- **DynamoDB drops price for Global Tables by eliminating charges for Streams**