

AWS European Sovereign Cloud



Agenda

- Digital Sovereignty Landscape
- The AWS Digital Sovereignty Pledge
- AWS Sovereignty Options & Sovereignty by Design
- Introducing the AWS European Sovereign Cloud



Digital Sovereignty Landscape

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Sovereignty requirements of customers



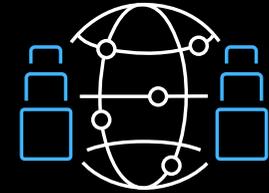
Data residency



Operator access
restriction



Resiliency
and survivability



Independence
and transparency

Data sovereignty

Operational sovereignty

Digital sovereignty

The AWS Digital Sovereignty Pledge

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AWS Digital Sovereignty Pledge

Control without compromise



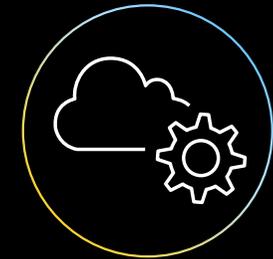
Control over the
location
of your data



Verifiable
control over
data access



The ability to encrypt
everything everywhere



Resilience
of the cloud



AWS Sovereignty Options



AWS Cloud is sovereign-by-design

AWS Cloud



- Control of the Data Location
- Encryption everywhere (BYOK, XKS, ...)
- Zero Operator Access (Nitro, KMS, EKS, ...)
- 140 + Compliance Reports & Certifications

AWS Outposts



- Specific Location Requirements
- Local processing for sensitive workloads
- Hybrid architecture for bandwidth constrained data

AWS Dedicated Local Zones



- Strict data isolation within geographical boundaries
- Control over operator nationality & clearance
- Extensive compliance & governance features
- Broader range of local AWS Services

AWS European Sovereign Cloud



- EU specific data residency requirements
- EU based operations & support
- Operational autonomy
- Independent governance structure
- EU law compliance requirements



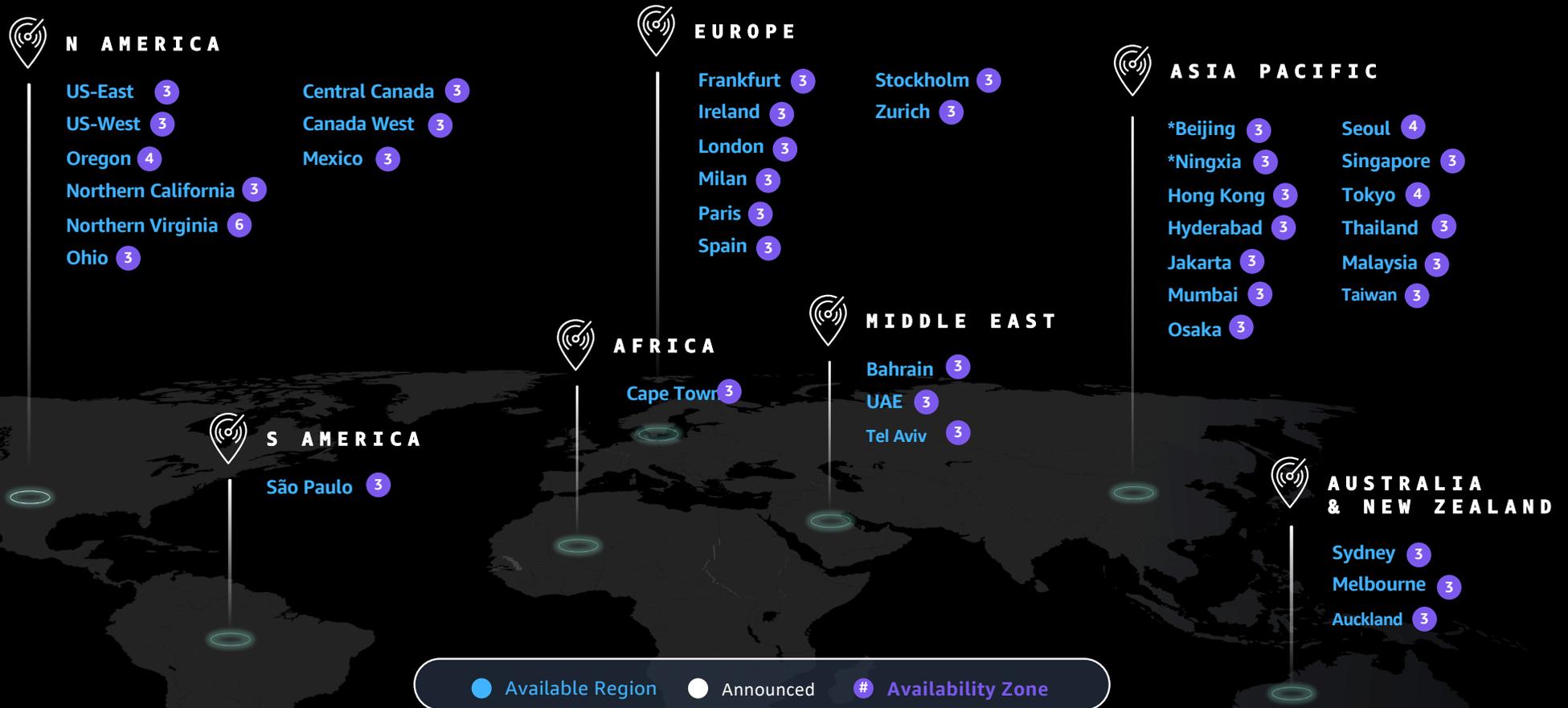
AWS Cloud Sovereign-by-Design

Global Infrastructure & Service Types



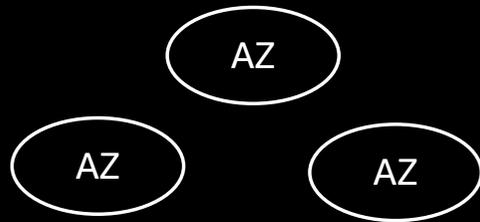
AWS Global Infrastructure – Regions & AZs

38 Regions - 120 Availability Zones

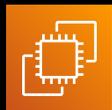


Understanding AWS Service Types

Zonal services



Amazon RDS



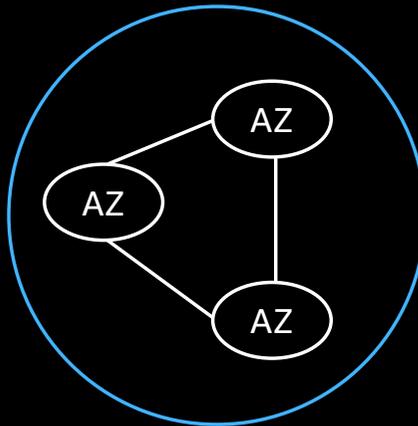
Amazon EC2



Amazon EBS

Control plane: **Regional**
Data plane: **Zonal**

Regional services



Amazon S3



Amazon SQS



Amazon
DynamoDB

Control plane: **Regional**
Data plane: **Regional**

Global/Edge services



IAM



Amazon
CloudFront



Amazon
Route 53

Control plane: **Single Region**
Data plane: **Global**

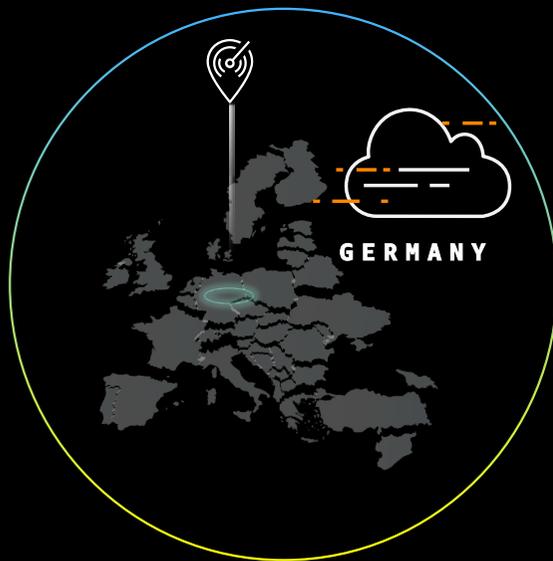
Introducing the AWS European Sovereign Cloud

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AWS European Sovereign Cloud

A new, independent cloud for Europe, with infrastructure located and operated within the European Union



- Set to launch by end of 2025 in Brandenburg, Germany under a dedicated German parent company with local European leadership and independent governance
- Physically separate and independent from existing AWS Regions, with separate IAM stack and in-Region billing and usage metering systems
- Customer content and customer-created metadata stays in the European Union
- Day-to-day operations, technical support, and customer services will be provided only by EU residents who are located in the EU subject to EU law

New sovereign controls for the AWS European Sovereign Cloud



Sovereign Requirements Framework



Establishing a European trust service provider



Independent governance structure



Access to a replica of the source code to support continuity



Indefinite operations



Dedicated Security Operations Center (SOC)



Introducing the new AWS European Sovereign Cloud governance structure

Built, operated, controlled, and secured in Europe



Security Leader



Managing Director



Advisory Board

AWS European Sovereign Cloud
parent company

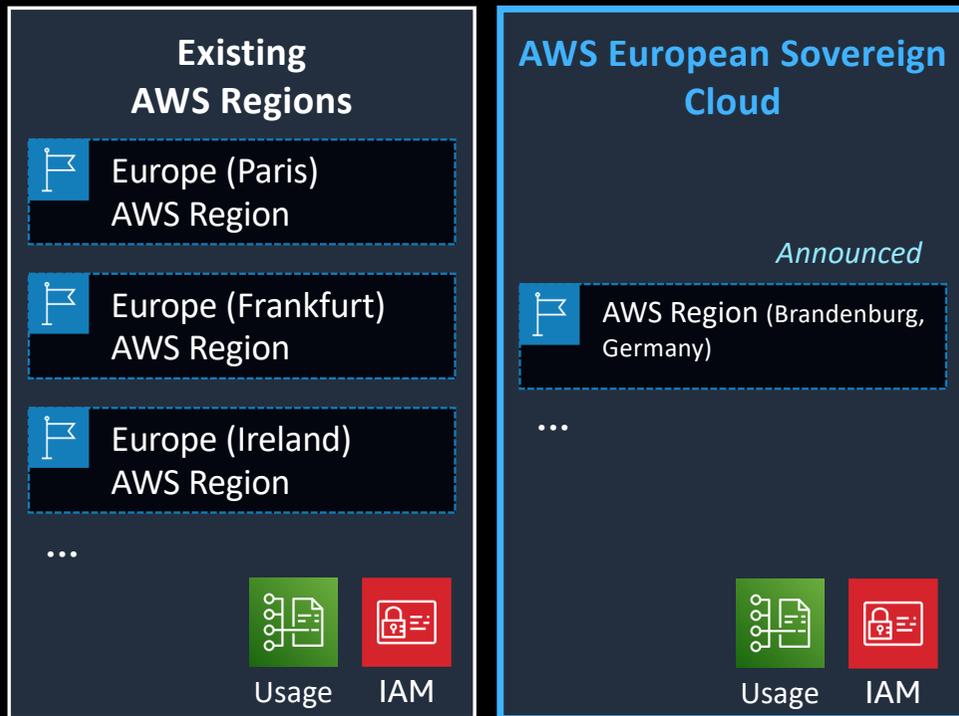
Infrastructure
Subsidiary

Research &
Development
Subsidiary

Trust Certificate
Subsidiary



AWS European Sovereign Cloud: a separated and independent fully featured AWS Cloud



- The first Region for the AWS European Sovereign Cloud will be located in Germany
- Physically separate and independent from existing AWS Regions
- Multiple Availability Zones architecture powered by the AWS Nitro System
- Separate in-Region billing and usage metering systems

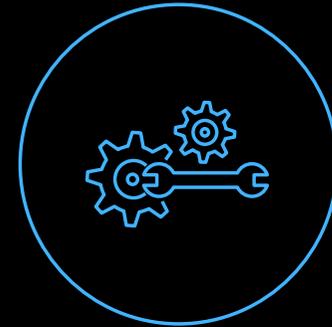
Delivering operational autonomy



**EU resident
AWS employees**



**Located in
the EU**



**Full control of
operations
& support**

Customer service

Day-to-day operations

Technical support

Data center operations



Further choice for data residency in the EU

The AWS European Sovereign Cloud provides data residency and assurance that customers can keep metadata they create in the EU

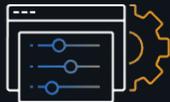
ALREADY AVAILABLE IN ALL AWS EXISTING REGIONS



Customer content stays within the AWS Region the customer selects

- Such as data that customer uploads to an S3 bucket, an RDS database etc.

ENHANCED DATA RESIDENCY WITH THE AWS EUROPEAN SOVEREIGN CLOUD



Customer-created metadata stays in the EU

Such as:

- Roles & permissions
- Resource labels
- Configurations

Leverage the full power of AWS with the same expansive service portfolio

Analytics

- Amazon Athena
- Amazon Data Firehose
- Amazon EMR
- Amazon Kinesis Data Streams
- Amazon Managed Service for Apache Flink
- Amazon Managed Streaming for Apache Kafka (Amazon MSK)
- Amazon OpenSearch Service
- AWS Glue
- AWS Lake Formation

Application Integration

- Amazon EventBridge
- Amazon Simple Notification Service (Amazon SNS)
- Amazon Simple Queue Service (Amazon SQS)
- Amazon Simple Workflow Service (Amazon SWF)
- AWS Step Functions

Artificial Intelligence / Machine Learning

- Amazon Bedrock
- Amazon Q
- Amazon SageMaker

Business Applications

- Amazon Simple Email Service (Amazon SES)

Developer Tools

- AWS CodeDeploy
- AWS X-Ray

Compute

- Amazon EC2 Auto Scaling
- Amazon Elastic Compute Cloud (Amazon EC2)
- AWS Batch
- AWS Lambda
- EC2 Image Builder

Containers

- Amazon Elastic Container Registry (Amazon ECR)
- Amazon Elastic Container Service (Amazon ECS)
- Amazon Elastic Kubernetes Service (Amazon EKS)
- AWS Fargate

Storage

- Amazon Elastic Block Store (Amazon EBS)
- Amazon Elastic File System (Amazon EFS)
- Amazon FSx for Lustre
- Amazon FSx for NetApp ONTAP
- Amazon FSx for OpenZFS
- Amazon FSx for Windows File Server
- Amazon Simple Storage Service (Amazon S3)
- AWS Backup
- AWS Storage Gateway

Database

- Amazon Aurora
- Amazon DynamoDB
- Amazon ElastiCache
- Amazon Neptune
- Amazon Redshift
- Amazon Relational Database Service (Amazon RDS)
- Amazon RDS for Oracle
- Amazon RDS for SQL Server

Networking & Content Delivery

- Amazon API Gateway
- Amazon Route 53
- Amazon Virtual Private Cloud (Amazon VPC)
- AWS Cloud Map
- AWS Direct Connect
- AWS Site-to-Site VPN
- AWS Transit Gateway
- Elastic Load Balancing (ELB)

Security, Identity & Compliance

- AWS Artifact
- Amazon Cognito
- Amazon GuardDuty
- AWS Certificate Manager (ACM)
- AWS Directory Service
- AWS IAM Identity Center
- AWS Identity and Access Management (IAM)
- AWS Key Management Service (AWS KMS)
- AWS Private Certificate Authority
- AWS Resource Access Manager (AWS RAM)
- AWS Secrets Manager
- AWS Security Hub
- AWS Shield Standard
- AWS WAF
- IAM Access Analyzer

Migration & Modernization

- AWS Database Migration Service (AWS DMS)
- AWS DataSync
- AWS Transfer Family

Management & Governance

- Amazon CloudWatch
- AWS CloudFormation
- AWS CloudTrail
- AWS Config
- AWS Control Tower
- AWS Health Dashboard
- AWS License Manager
- AWS Management Console
- AWS Organizations
- AWS Systems Manager
- AWS Trusted Advisor

Cloud Financial Management

- AWS Budgets
- AWS Cost Explorer

AWS Marketplace

AWS Support



AWS European Sovereign Cloud launched in January 2026

AWS European Sovereign Cloud Main Page:

<https://aws.eu/>

European Trust Service Provider:

<https://aws.amazon.com/blogs/security/establishing-a-european-trust-service-provider-for-the-aws-european-sovereign-cloud/>

Overview of the AWS European Sovereign Cloud - White Paper:

<https://docs.aws.amazon.com/whitepapers/latest/overview-aws-european-sovereign-cloud/introduction.html>

Policymakers, customers and partners welcome the launch of the AWS European Sovereign Cloud:

<https://www.aboutamazon.eu/news/aws/policymakers-customers-and-partners-welcome-the-launch-of-the-aws-european-sovereign-cloud>



Thank you!

