

SUVERENIOS DEBESIJS ARCHITEKTŪRA

kaip suderinti inovacijas ir reguliavimą

Vidmantas Traknys
Atea paslaugų vadovas

ATEA



APRIBOJIMAI IR RIZIKOS

- ✓ Duomenų saugumas ir geopolitinės rizikos
- ✓ Prieigos valdymas ir autentifikacija
- ✓ Nepertraukiamos veiklos užtikrinimas
- ✓ Tiekimo grandinės pažeidžiamumai
- ✓ Konfigūracijos klaidos

SPENDIMAS, ATLIEPIANTIS RIBOJIMUS

AWS Sovereign Cloud

- ✓ Startas – 2026 m. sausio 15 d.
- ✓ Įkurtas Brandenburgo žemėje, Vokietijoje.
- ✓ Orientuotas į viešojo sektoriaus organizacijas
- ✓ Atviras tiek viešojo, tiek verslo sektoriaus įmonėms



ARCHITEKTŪRA

- ✓ Infrastruktūra yra fiziškai ir logiškai atskirta
- ✓ ES teritorijoje veikia kaip debesis Europai

AWS European Sovereign Cloud - Infrastructure

Initial Region launched on January 15th

- Three Local Zones parented to ESC announced:
 - Netherlands
 - Belgium
 - Portugal
- Outpost parented to ESC (Roadmap Q2/Q3)
- Dedicated Local Zones (Option)

The Netherlands (Amsterdam) AWS European Sovereign Cloud (Germany)

Belgium (Brussels)

Portugal (Lisbon)

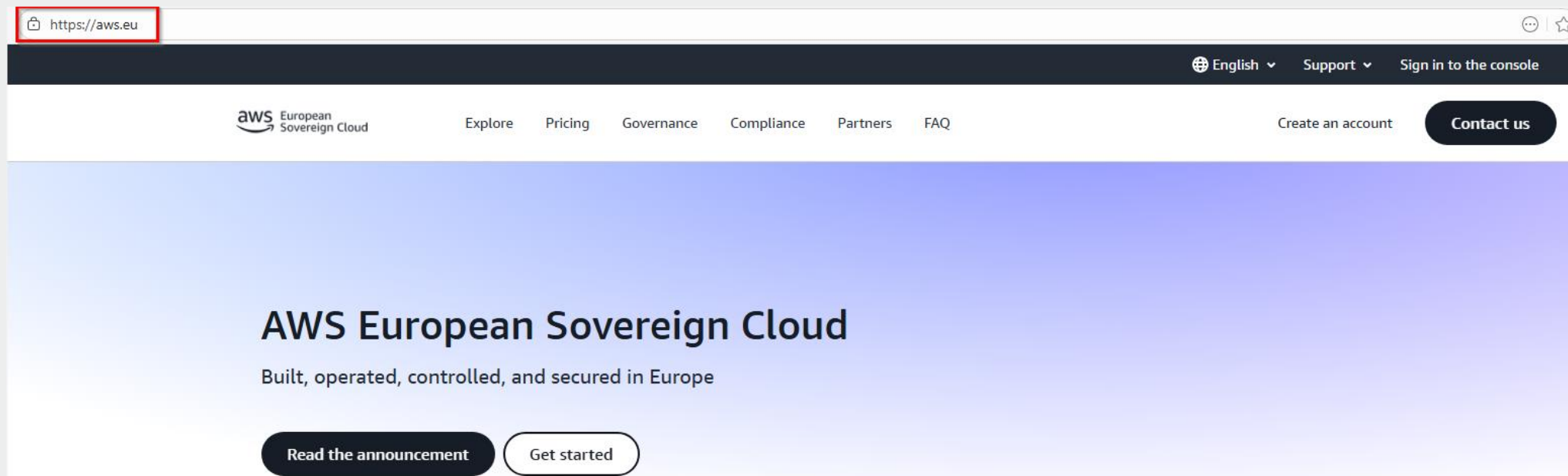
Announced Local Zone

Understanding AWS Service Types

Zonal services	Regional services	Partition wide services
Amazon RDS, Amazon EC2, Amazon EBS	Amazon S3, Amazon SQS, Amazon DynamoDB	IAM, Amazon CloudFront, Amazon Route 53
Control plane: Regional Data plane: Zonal	Control plane: Regional Data plane: Regional	Control plane: Single Region Data plane: Global

VALDYMAS

- ✓ Valdymas priklauso Europos padaliniui
- ✓ Duomenų centro priežiūra vykdoma iš Europos
- ✓ Užtikrinamas kliento duomenų lokalumas



Nuoroda: <https://aws.eu>

Paslaugos

- ✓ AWS Sovereign Cloud teikia 88 paslaugas
- ✓ Visos pagrindinės paslaugos, kurios yra komerciniuose
- ✓ Vykdomas tolimesnis paslaugų diegimas

Builder Center > Build > AWS Capabilities by Region > Explore

Explore AWS Capabilities by Region

Services and features | API operations | CloudFormation resources

Services and features (80+)

Quickly compare service and feature availability across AWS regions to eliminate architecture guesswork. Identify regional capabilities upfront, make confident deployment decisions, and accelerate your multi-region application planning with comprehensive visibility into what's available where. Forward-looking roadmap information is provided as directional guidance to help with architecture planning activities.

Regions: **Germany (eusc-de-east-1)**

Search capabilities

Advanced search

AWS Services	Germany (eusc-de-east-1)
AD Connector Service	Available
AWS Amplify Service	Planning

Nuoroda: <https://builder.aws.com>

KAINODARA

✓ Pritaikyta Europai

The screenshot displays the AWS Pricing Calculator interface for adding a service. The 'Add service' section is active, showing search filters and a list of services. The 'Choose a Region' dropdown is set to 'AWS European Sovereign Cloud (Germany)'. The cost summary at the bottom indicates zero costs for all categories.

aws pricing calculator Contact Us

AWS Pricing Calculator > My Estimate > Add service

Step 1
Add service

Step 2
Configure service

Add service Info

AWS services (65) Cancel

Search by location type
See the services that are available in your region, wave length zone, and local zone.

Search all services
Choose a service or workload to configure an estimate.

Choose a location type Info

Region

Choose a Region

AWS European Sovereign Cloud (Germany)

Find Service

Search for a service

Amazon API Gateway

Amazon API Gateway is a fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale. APIs act as the front door for applications to access data, business logic, or functionality from your backend services.

[Product page](#) Configure

Amazon Athena

Amazon Athena is a serverless, interactive analytics service built on open-source frameworks. Athena provides a simplified, flexible way to analyze petabytes of data where it lives. With Athena, you pay only for what you use. There are no upfront fees and no long-term commitments.

[Product page](#) Configure

Amazon Bedrock

Amazon Bedrock is a comprehensive, secure, and flexible platform for building generative AI applications and agents. Amazon Bedrock connects you to leading foundation models (FMs), services to deploy and operate agents, and tools for fine-tuning, safeguarding, and optimizing models along with knowledge bases to connect applications to your latest data so that you have everything you need to quickly move from experimentation to real-world deployment.

[Product page](#) Configure

Amazon CloudWatch

Amazon CloudWatch is a monitoring and management service that provides data and actionable insights for AWS, hybrid, and on-premises applications and infrastructure resources.

[Product page](#) Configure

Amazon Cognito

Amazon Cognito lets you add user sign-up, sign-in, and access control to your web and mobile apps quickly and easily. Amazon Cognito scales to millions of users and supports sign-in with social identity providers, such as Facebook, Google, and Amazon, and enterprise identity providers via SAML 2.0.

[Product page](#) Configure

Amazon Data firehose

With Amazon Data firehose, you pay for the volume of data you ingest into the service. There are no set up fees or upfront commitments. You are billed for the volume of data ingested into Amazon Data Firehose, and if applicable, for data format conversion to Apache Parquet or ORC.

[Product page](#) Configure

Upfront cost: 0.00 EUR Monthly cost: 0.00 EUR Total 12 months cost 0.00 EUR (includes upfront cost) View summary

Nuoroda: <https://pricing.calculator.aws.eu/>

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Ačiū už dėmesį



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