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innovation through education

aws PARTNER Select Tier Training

Digital Operational Resilience

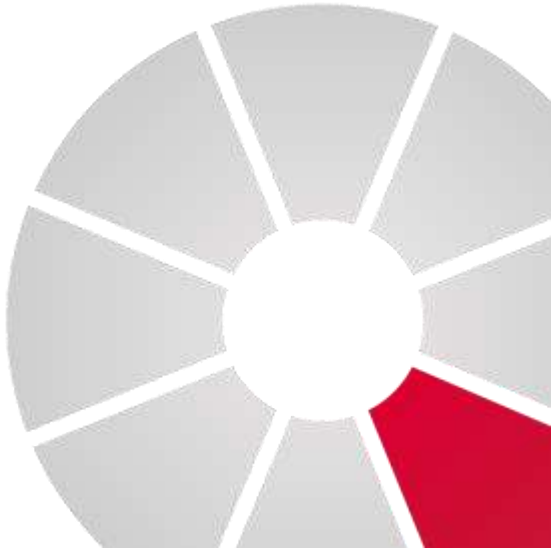
für regulierte Branchen

Désirée Brunner (she/her)

Solutions Architect
Amazon Web Services

Christian Jacobs (he/his)

Christian Jacobs
qSkills GmbH & Co. KG



Was uns AUSZEICHNET

Unsere Leistungen

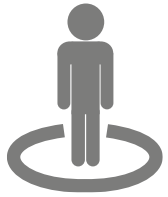
- Offene, geschlossene und inhouse Trainings
- Alle Formate: Präsenz, online und hybrid
- Individuelle Lernpfade für Generalisten und Experten
- Beratung bei der persönlichen Weiterbildungsplanung
- Leistungsstarke Infrastruktur und modernste Ausstattung

Ihre Vorteile

- **Zertifizierungen** zum Nachweis Ihrer Expertise
- **Flexibilität** beim Lernen in präsenz, online oder hybrid
- **Individualität** in der Beratung und Konzeption
- **Planungssicherheit** durch Termintreue
- **Infrastruktur** mit leistungsstarkem Equipment
- **Professionalität** durch praxiserfahrene Trainer

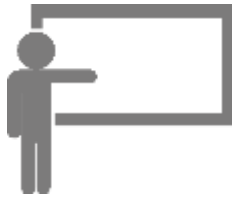
> *Was Besseres habe ich auf dem Gebiet noch nicht gesehen, sonst hätte ich keine 5 Kurse gemacht.*

Mario Schwies,
ebm-papst Mulfingen GmbH & Co.KG



+3000
Teilnehmer p.a.

+250
Kurse



+170
Trainer

Starke PARTNER

Stark im Verbund

Nur im Verbund kann man optimale Lösungen und Services erreichen. Aus diesem Grund legt qSkills großen Wert auf tragfähige Partnerschaften. Damit garantieren wir stets den neuesten Stand der IT-Entwicklung und maximalen Schulungserfolg für unsere Kunden.

Referenzen

Wir sind einer der führenden IT-Schulungsanbieter in der DACH-Region.

Zu unseren Kunden gehören:

- DAX Unternehmen & Mittelstand
- Hersteller, Systemhäuser & Reseller
- Öffentliche Auftraggeber & Energieversorger
- Kliniken, Krankenhäuser & Finanzdienstleister

IRCA TO-ID: AO17607

Operational resilience, why now?

Source: Gartner future directions 2023: The Age of Disruptions

Increased focus on operational resilience is global

IN 2021, THE BASEL COMMITTEE ON BANKING SUPERVISION ISSUED INTERNATIONAL PRINCIPLES FOR OPERATIONAL RESILIENCE.

The Basel Committee principles focus on seven distinct categories:

- Governance
- Operational risk management
- Business continuity planning and testing
- Mapping interconnections and interdependencies
- Third-party dependency management
- Incident management
- ICT including cyber security

Legislative drivers in EU

DORA
(Digital Operational Resilience Act)

Creates a framework for CTIS (Cyber Threat Information Sharing) within the EU Financial sector

NIS2
(Network and Information Systems 2nd Directive)

Makes CTIS mandatory for essential service providers to report incidents that can be a valuable source of threat intelligence for others

Legislative drivers in EU

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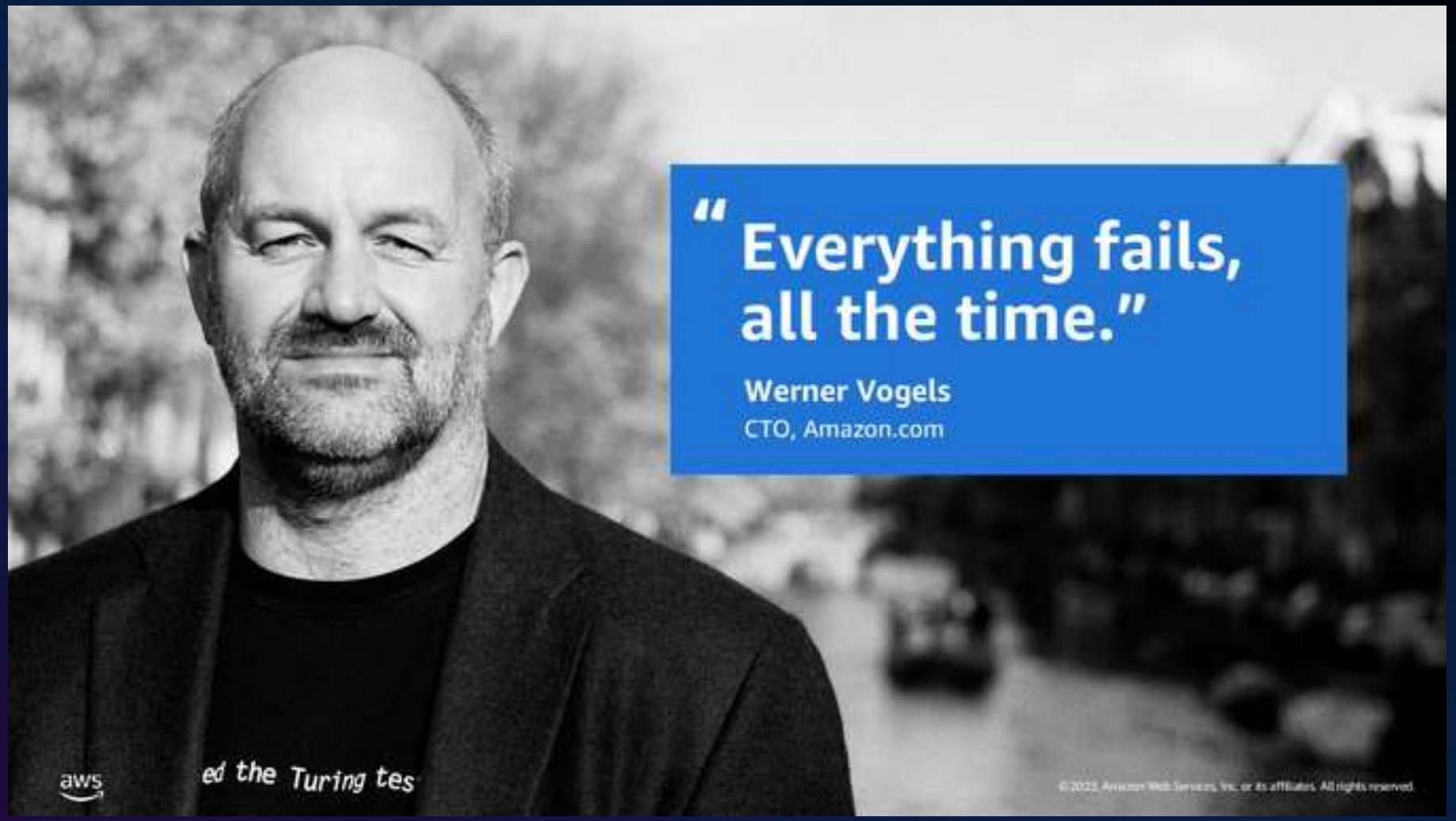
Global view of operational resilience

Global view of operational resilience



The AWS Compliance Program

Shared responsibility model

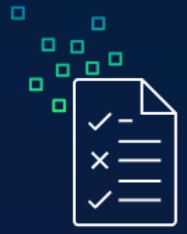
Contractual Terms

AWS Artifact

AWS Audit Program

Due Diligence Questionnaires

Well-Architected Framework (Reliability Pillar)



Compliance guidelines and documentation

Whitepapers on Operational Resilience

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Enabling your resilience in the cloud

WE OFFER THE MOST COMPREHENSIVE SET OF BEST PRACTICES TOOLING, SERVICES, AND GUIDANCE TO ENABLE YOUR SUCCESS.

Defining & Measuring Resilience Goals

One size does not fit all: Set goals at the workload level, not at the organization level

Identifying & Mitigating Risks

De-risk your architecture: Understand current resilience posture and fix high risk issues

Continuous Code Refinement

Stop issues before they start: Identify and resolve code issues before deployment

Continuous Integration/Continuous Deployment

Automate as much as possible: Remove opportunity for manual errors during deployment

Continuous Testing

Expect the unexpected: Simulate real-world failures to see how your teams and systems react

Continuous Observability

If you can't see it, you can't fix it: Monitor key business metrics using observability practices

Recovering Quickly

Failures are inevitable, but preparation helps: Proactively implement strategies like replication, redundancy, and backups

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Digital Sovereignty themes

Data residency

Operator access restriction

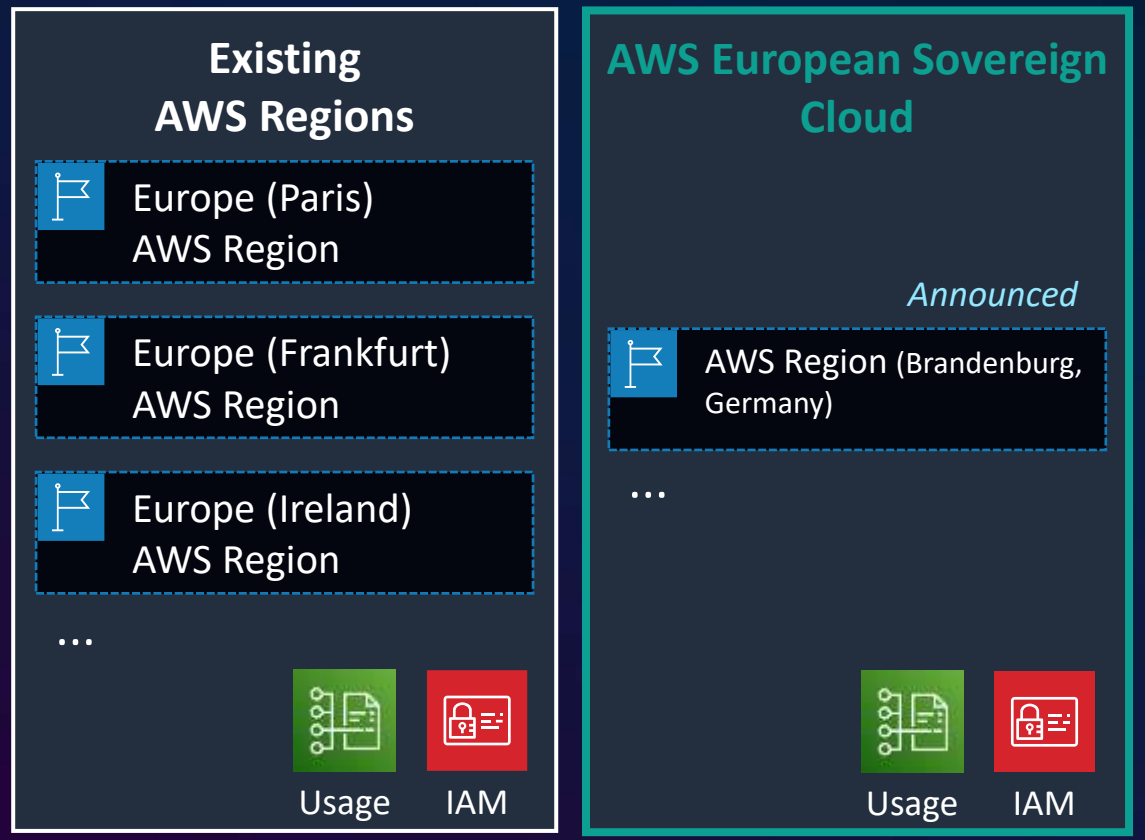
Resiliency, survivability, and independence

Data sovereignty

Operational sovereignty

Digital sovereignty

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



Physically separated and logically independent from existing AWS Regions

Operated & supported by AWS employees, EU resident & located in the EU

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Takeaways

THE TLDR

- Customers need to attest to their operational resilience
- Operational resilience encompasses more than just technology and discussions about end-to-end system’s RPOs and RTOs.
- This requires closer partnership with and understanding of AWS
- These regulations are evolving, but the trend is moving away from the carrot and towards the stick approach.
- We must speak our customer’s language when it comes to resilience and security

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Herzlichen Dank

Next Steps:

- AWS Meet & Greet qSkills Stand 246 Halle 7 Start: 12:30
- Für Getränke & Snacks ist gesorgt

Informieren Sie sich zu unseren Kursen in den Bereichen:

- AWS von Architekt bis Security Engineer & Well-Architected Designs
- NIS2 / CRA / DORA
- ISMS
- Cloud Native Software-Entwicklung, uvm.

Für Handout am Stand scannen lassen.