Transforming compliance to meet the speed of digital

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AWS
Compliance landscape
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Out of 194 United Nations countries, 132 (66%) have data protection or privacy legislation.

Velocity, volume, and variety of regulated data moving to the cloud.

Compliance and audit process is manual and time-consuming.
AWS approach
Compliance experience
Owning the entire process
Built for scale
Embedded compliance
Thought leadership
Lessons learned
LESSON 1

Fail fast
ISO 27001 certification needed in 2010
After 10-week gap assessment
AFTER 4 WEEKS

ISO 27001 certification achieved
LESSON 2
Engineer audits for engineers
COMPLIANCE CONCERNS

Compliance obligations  →  Slow down business
COMPLIANCE CONCERNS

Not create slowdowns

Need to be fully compliant
FOCUS ON

Good security practices

Compliance requirements
FOCUS ON

Accelerated certifications

Minimal impact on teams
LESSON 3

Needed engineers enamored with compliance
THE SECRET?

They are rare, but yes – they do exist!
Depending on engineering, support was not efficient

Built an engineering team to focus on audit priorities

Gave AWS engineers a new, high-level career option
LESSON 4

The rise of the specialist auditor
General auditor

Prioritized knowing audit process
Deep technical skills needed to translate compliance needs

Focus on training and technical hiring

Technical auditor
Can deep dive with service teams
Use technical knowledge to explain compliance approach
LESSON 5

Reduce redundancy
The issue
Collection of similar evidence multiple times

Collect the right evidence
Collect once, reuse multiple

Drive efficiency
Lead with similarity
The result

Reduced impact on service teams and on the audit process
LESSON 6

Get serious with financial workloads
Needed to define a way to deal with many customer audits

Used symposiums to execute a direct audit
Building a global security compliance program
How to start the innovation – Key elements

- Consolidated audit approach
- Engineering and automation
- Customer audits
AWS Training and Certification

Cloud Audit Academy (CAA)
https://aws.amazon.com/compliance/auditor-learning-path/

Go deep with classroom training from accredited AWS expert instructors, available virtually, including Security Engineering on AWS (3 days)

Build credibility and confidence with AWS certifications, including AWS Certified Security – Specialty

Learn online with 25 free digital courses, including AWS Security Fundamentals (2 hours) and Deep Dive with Security: AWS Identity and Access Management (8 hours)

Visit aws.training/Security
Thank you!

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