Cloud Security with Benefits

Aurelien Requiem, Solutions Architect

Once upon a time...

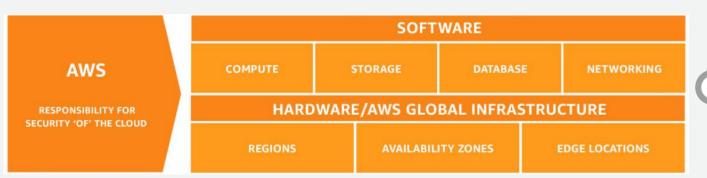
Behold...

The Cloud









Security OF the Cloud

Managed by AWS







Identity

AWS Control Tower

AWS Identity & Access Management (IAM)

AWS Directory Service

AWS Organizations

AWS Secrets Manager

AWS Single Sign-On

Amazon Cognito



Detective control

AWS CloudTrail

AWS Config

Amazon CloudWatch

Amazon GuardDuty

Amazon VPC Flow Logs

AWS Security Hub



security

Infrastructure

AWS Systems Manager

AWS Shield

AWS WAF – Web Application Firewall

AWS Firewall Manager

Amazon Inspector

Amazon Virtual Private Cloud (VPC)



Data protection

AWS Key Management Service (KMS)

AWS CloudHSM

Amazon Macie

AWS Certificate Manager + Private CA

Server-Side Encryption

Encryption SDK



Incident response

AWS Config Rules

AWS Lambda

Cloud Security with benefits

Benefits for your business

- Increased security, at scale, cloud native
 - Certifications & Compliance
- Reduced operational costs (staff, licenses/fees, engineering)
- Team enablement
- "Your team built it? your team runs it!" (DevOps*)
- Security as customer selling point

Benefits for your customers

- Cloud vendor security, compliance, business continuity
- Data confidentiality (GDPR)
- Services availability
- Data loss prevention

But ultimately...

Peace of mind

Benefits for your teams

"You built it but would you run it?"



Benefits for your teams

"You built it, you secured it, you run it" (DevSecOps)



Benefits for your teams

- DevSecOps
- Cloud native, integrated options
- Time and effort savings
- Feature rich solutions
 - DDoS protection
 - Single Sign-On
 - Zero knowledge
- Reduced risks of errors

Next steps

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- Security is top to bottom decision
- Get started today, security is an iterative process
- Empower technical teams to learn and do security
- Review early, review often
- One small step…



Security is a journey, not a destination.

Thank you

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