Cloud Security: Lessons Learned

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BSOGEN-1002
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Agenda

- Current Trends
- Lessons Learned
- Call to Action
Pop Quiz
Current Trends
The Cloud Adoption Wave
Relevant Cloud Trends

- Dynamism
- Containerization
- Serverless Architecture
- DevSecOps
Lessons Learned
Lesson #1: Close the Knowledge Gap
Strategy

- Understand the new span of control for Cloud environments
- Set expectations with internal stakeholders
- Create ongoing engagement channels
Best Practices

- Instrument Visibility
- Build Controls
- Integrate your workflows
Compliance

• Understand the impact of EU’s **General Data Protection Regulation (GDPR)**

• Improve your Audit Readiness

• Consolidate your compliance controls
Technology

• Stay informed about new capabilities

• Understand your weaknesses

• Embrace new ways of connecting environments
DevSecOps

• Integrate Security into Dev and Ops workflows
• Provide code and configuration patterns
• Automate: Eliminate drift
• Define an education plan
Lessons Learned

Lesson #2: Evolve Your Operating Model

Agile Governance
DevSecOps
Monitoring and Analytics
Lessons Learned

Lesson #3: Take Advantage of Cloud

Self-Protecting Applications

Virtual Infrastructure

Dynamic Networking
Call to Action
Secure Cloud Adoption Framework

Understand and Perform the Basics
Mind the Knowledge Gap
Evolve Your Operating Model
Take Advantage of Cloud
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