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POWER OF
OPPORTUNITY

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Auditors in the Cloud: Audit Risk and SaaS Applications



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Does this sound familiar?



Clouds can create IT shadows, but those shadows can have organisation-wide effects

Risky business

#RSAC



You don't have to anticipate a storm, but you should be prepared to cope with one

The Gap



Bridging security controls from on premises to cloud

Mountain climbing



Think of security and audit roles as preparation for being an Ibex

Out of the shadows

#RSAC



Yes, the cloud can be secure and you can be an agent of change as well

Don't panic

- Update your application inventory
- Inventory security capabilities
- Review your Vendor Risk Questionnaire
- Cloud Security Alliance Cloud Controls Matrix

Use what is available to you already

- AWS
 - IAM – Access manager with customisable roles and policies
 - Cloudtrail – audit logs
 - CloudWatch – automated alerting
 - Inspector – vulnerability scanning
 - More capabilities every month-ish

Gear up

- Centralised cloud based identity and access management
 - Identity as a Service (IDaaS)
 - Federated Identity and SAML
- Logging and monitoring
 - Application security event recording capabilities
 - Centralised aggregation, correlation, and alerting

Thanks for listening

- Questions?
- Comments?