
AWS
re:Invent

MKT202

Ignite migration and modernization with DevSecOps

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AWS re:Invent

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Agenda

Journey to the Cloud

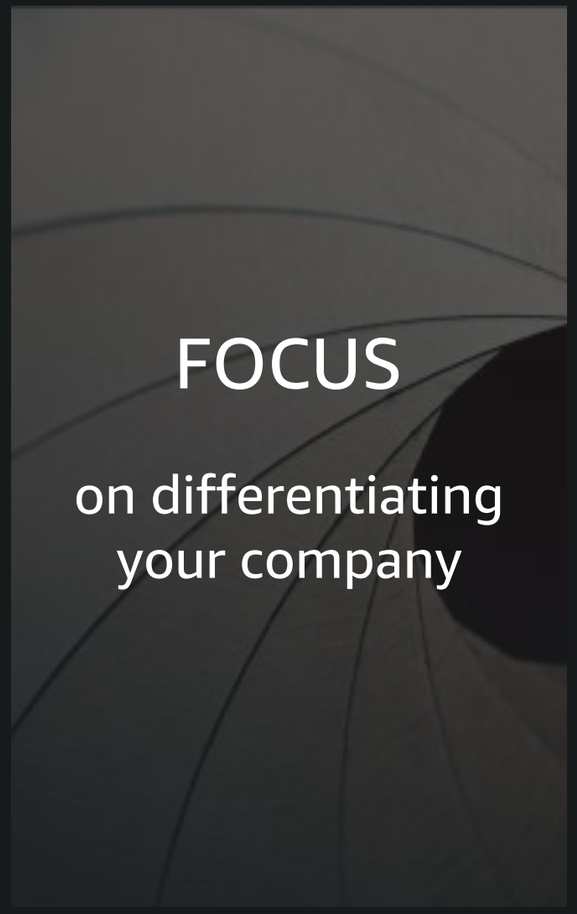
[Security + Compliance] x [Dev + Ops]

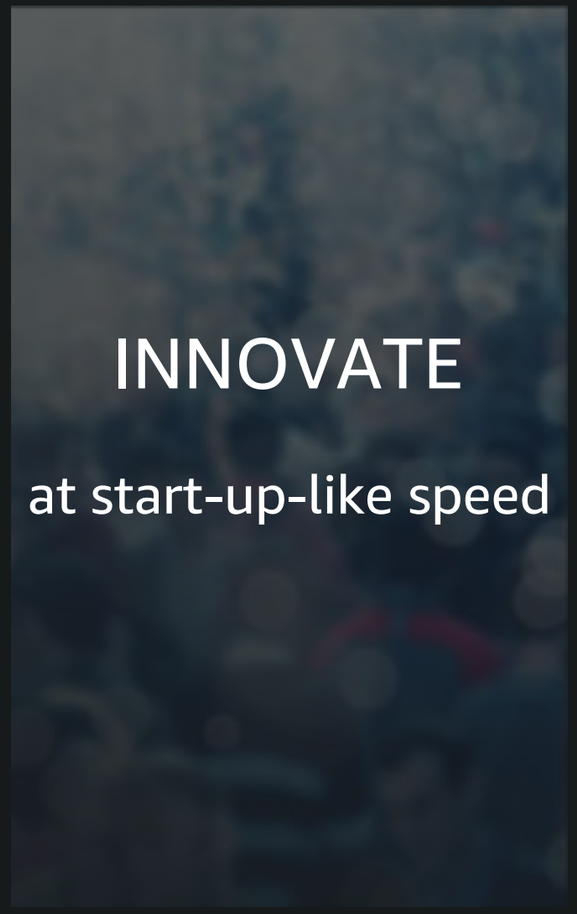
SVB’s DevSecOps Strategy

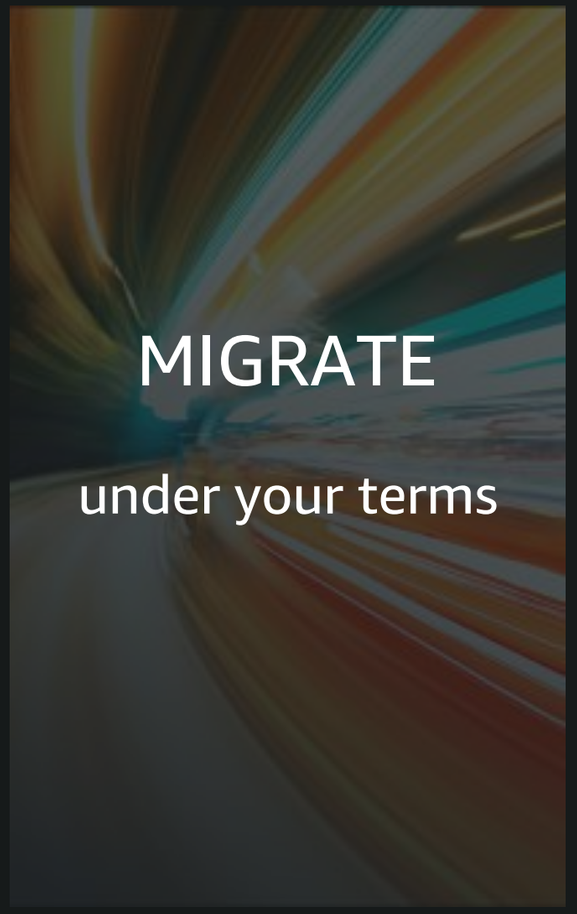


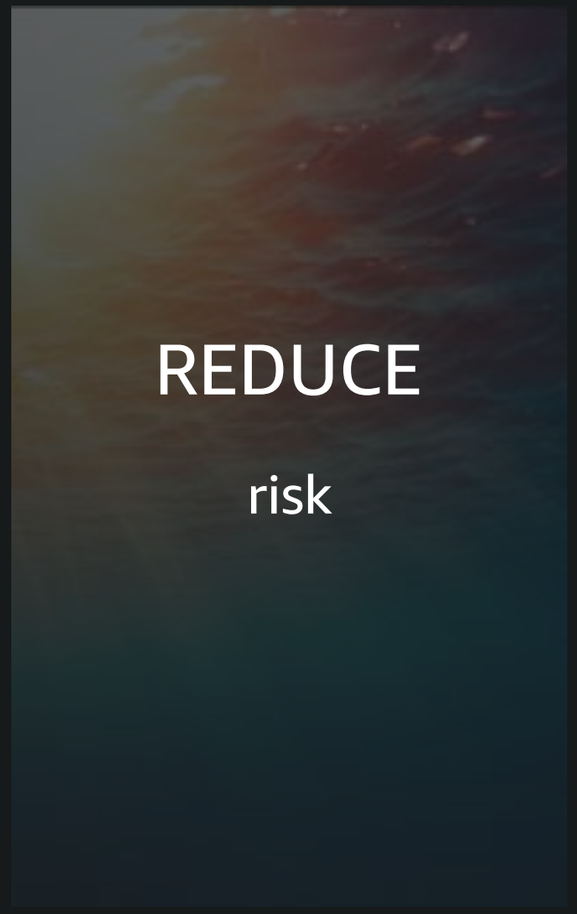
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The AWS Cloud – Our message to users

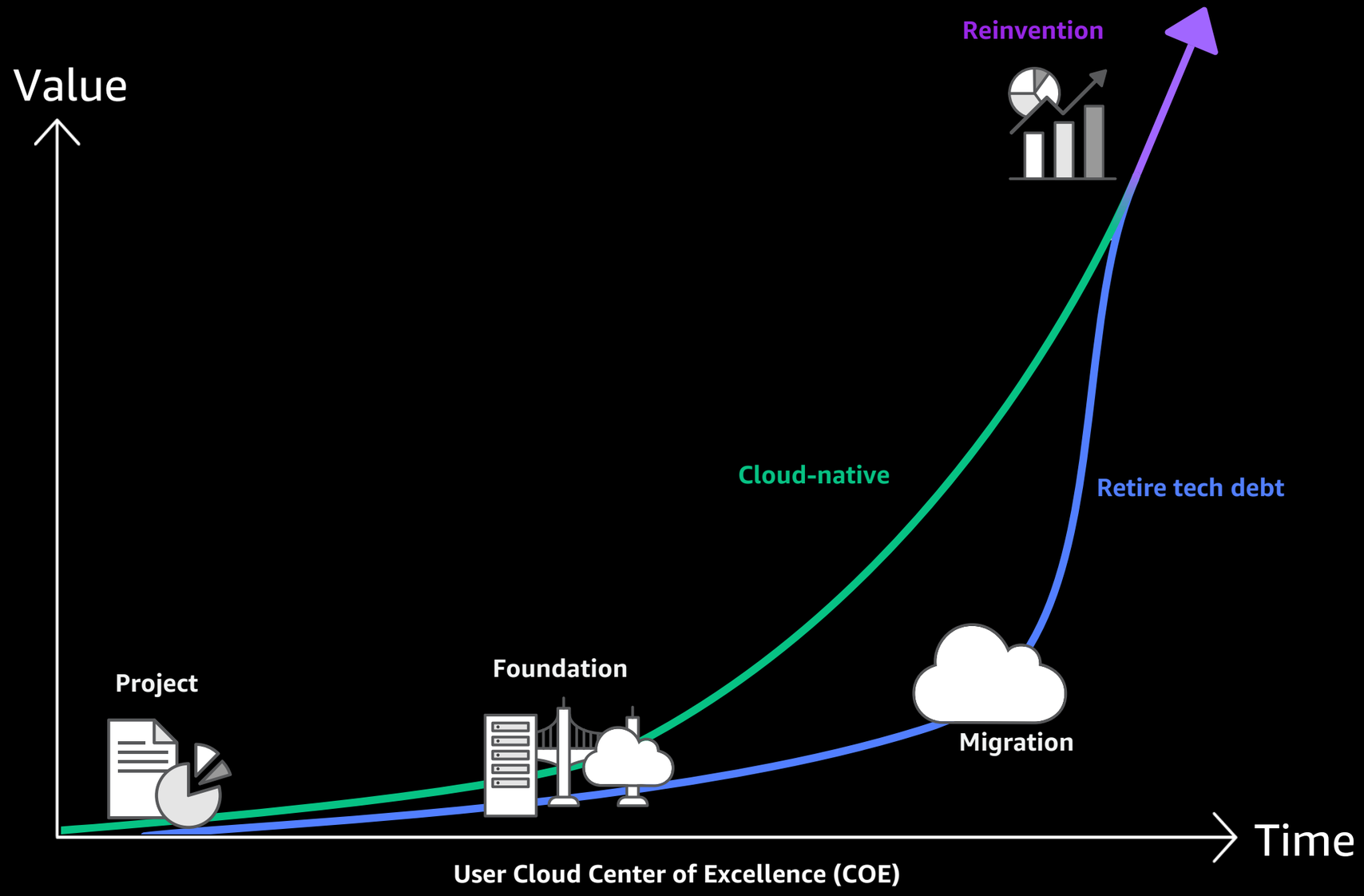




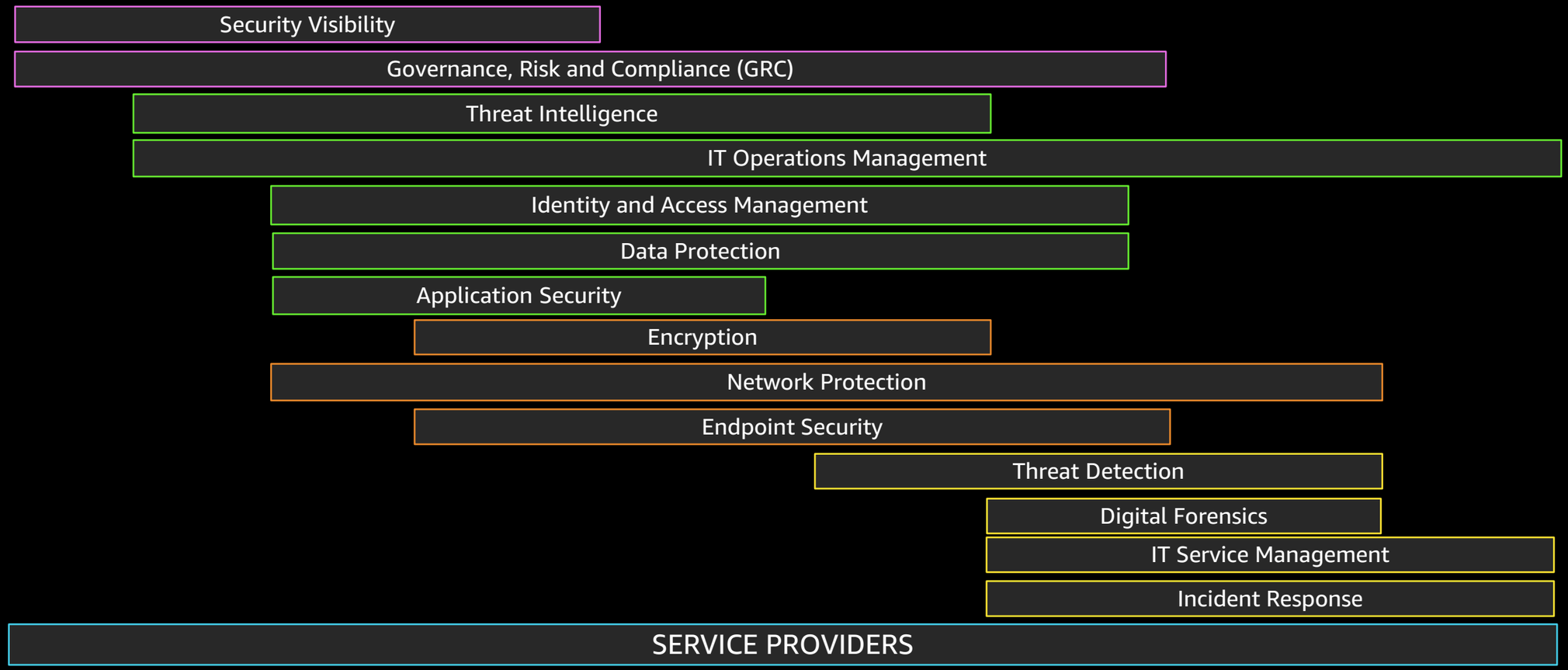




Journey to the cloud

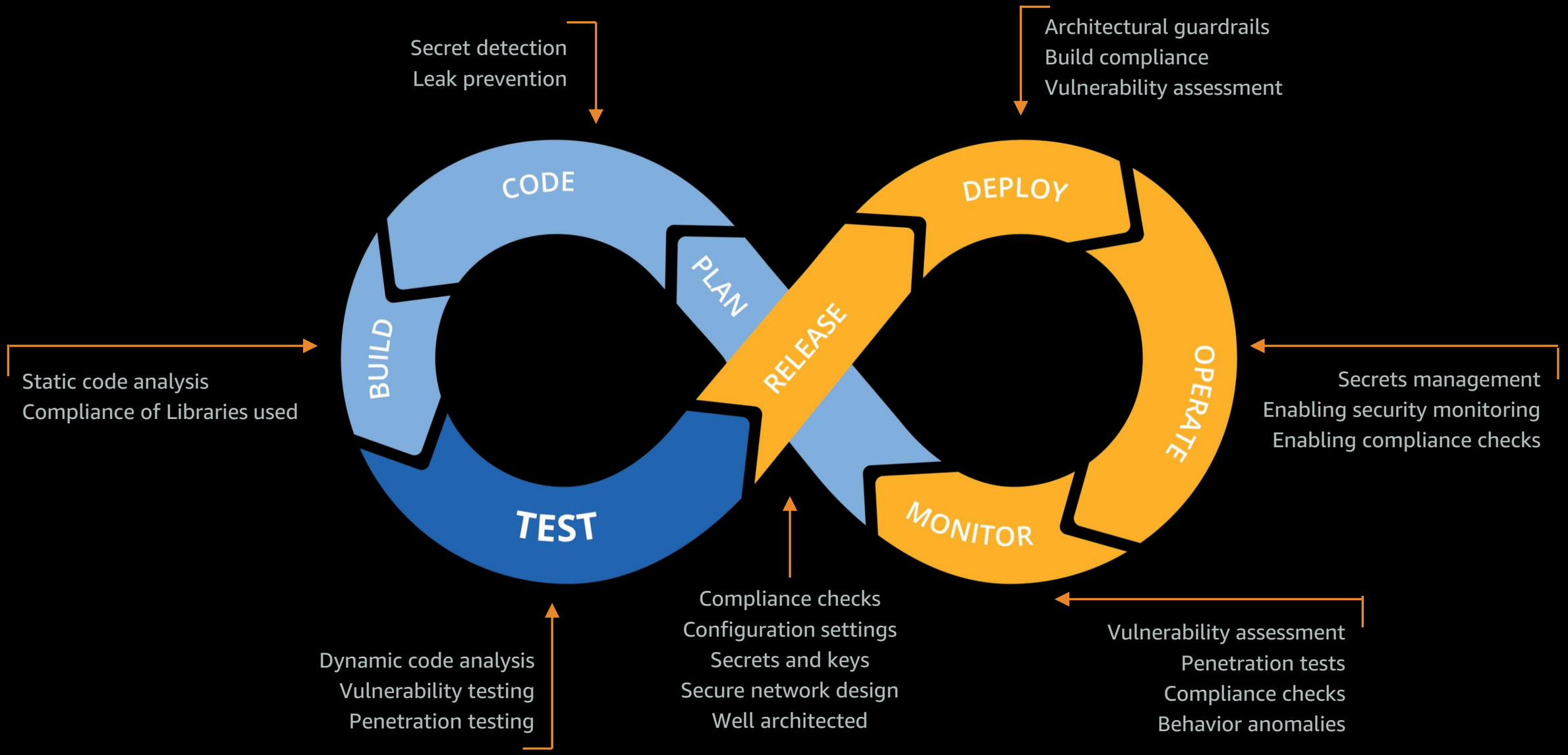


Security IN the cloud



Identify	Protect	Detect	Respond/Recover
Security fundamentally anchors on having sufficient knowledge of your world	The best defense is an offense, but…	One must ‘assume breach’ and have a strong defense	Knowing and being able to act swiftly is key in the cloud

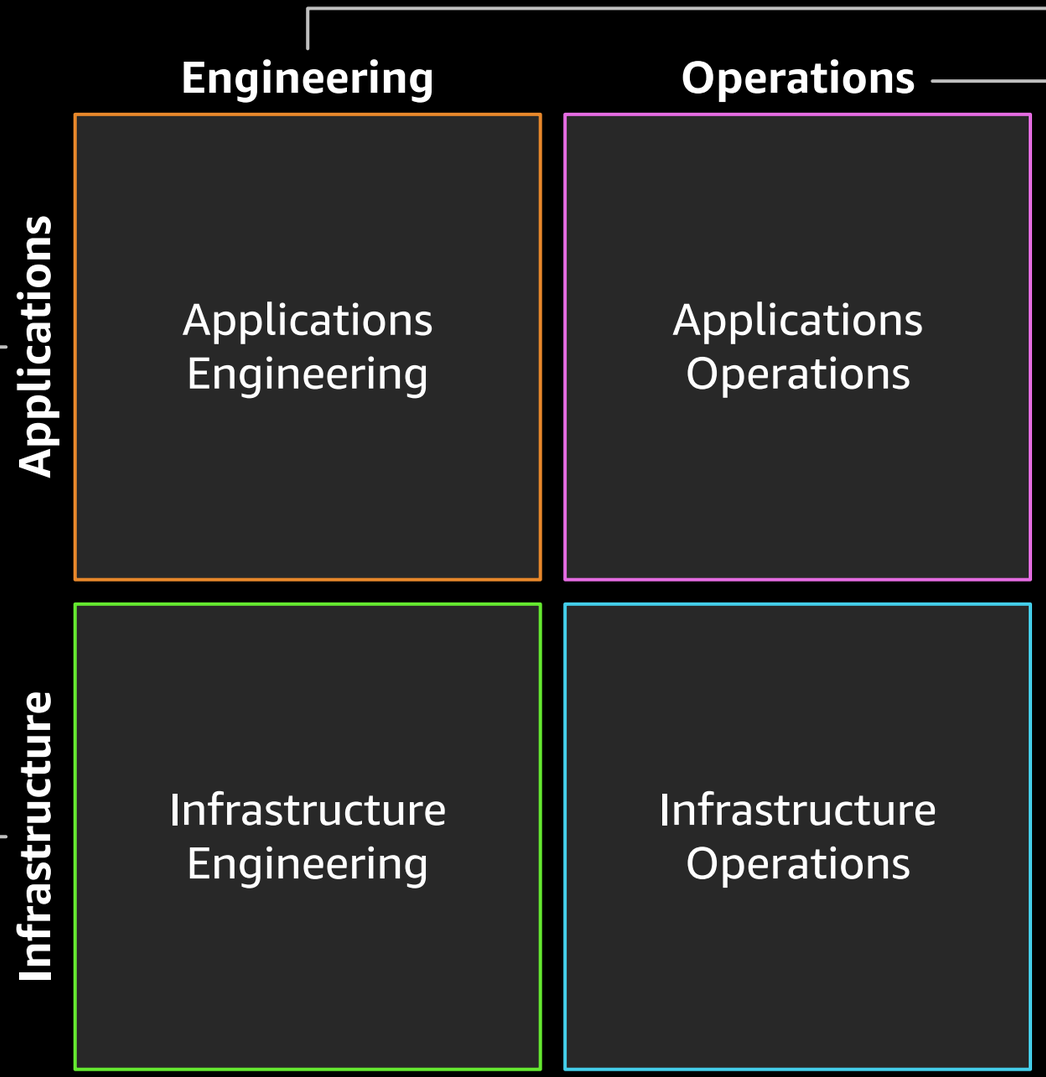
DevSecOps (security hooks in the pipeline)



Who are we?



Traditional operating model – simplified



Business software

Custom developed or commercial off-the-shelf

Infrastructure

Compute
Network
Storage
Middleware
Runtime
Data
Operations
Security

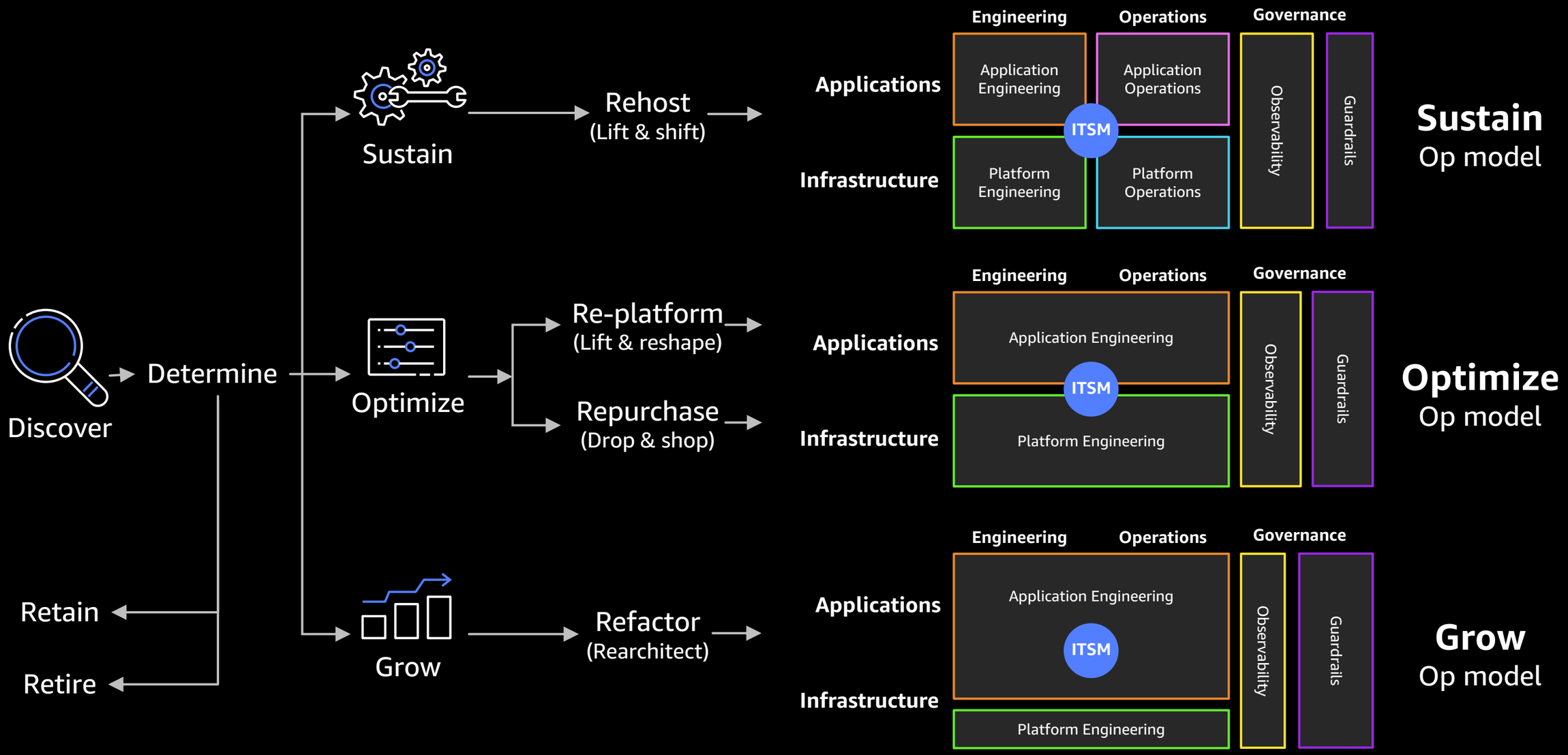
Develop, build, and test

All activities needed to define and validate platform infrastructure or business applications

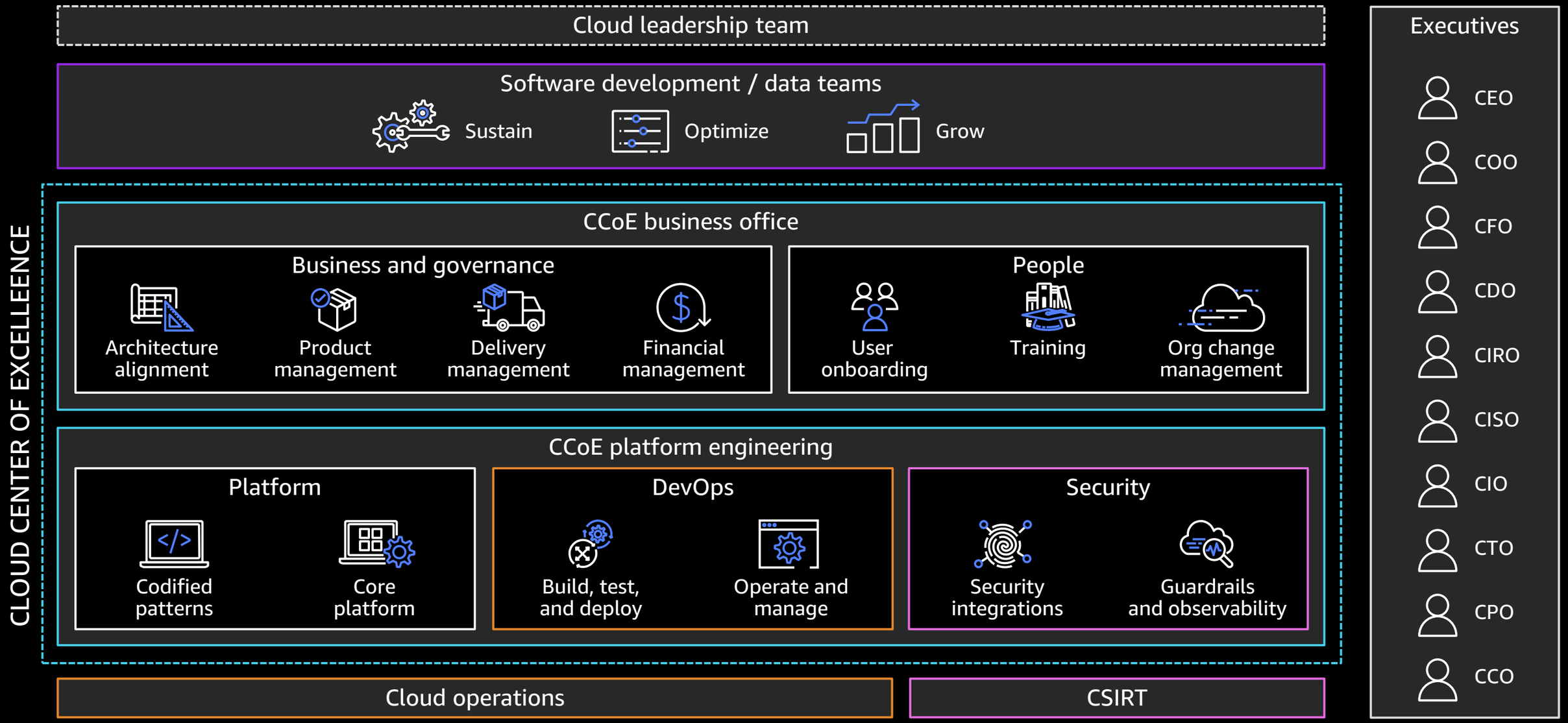
Deploy, operate, and manage

All activities needed to deploy and support platform infrastructure and applications in production

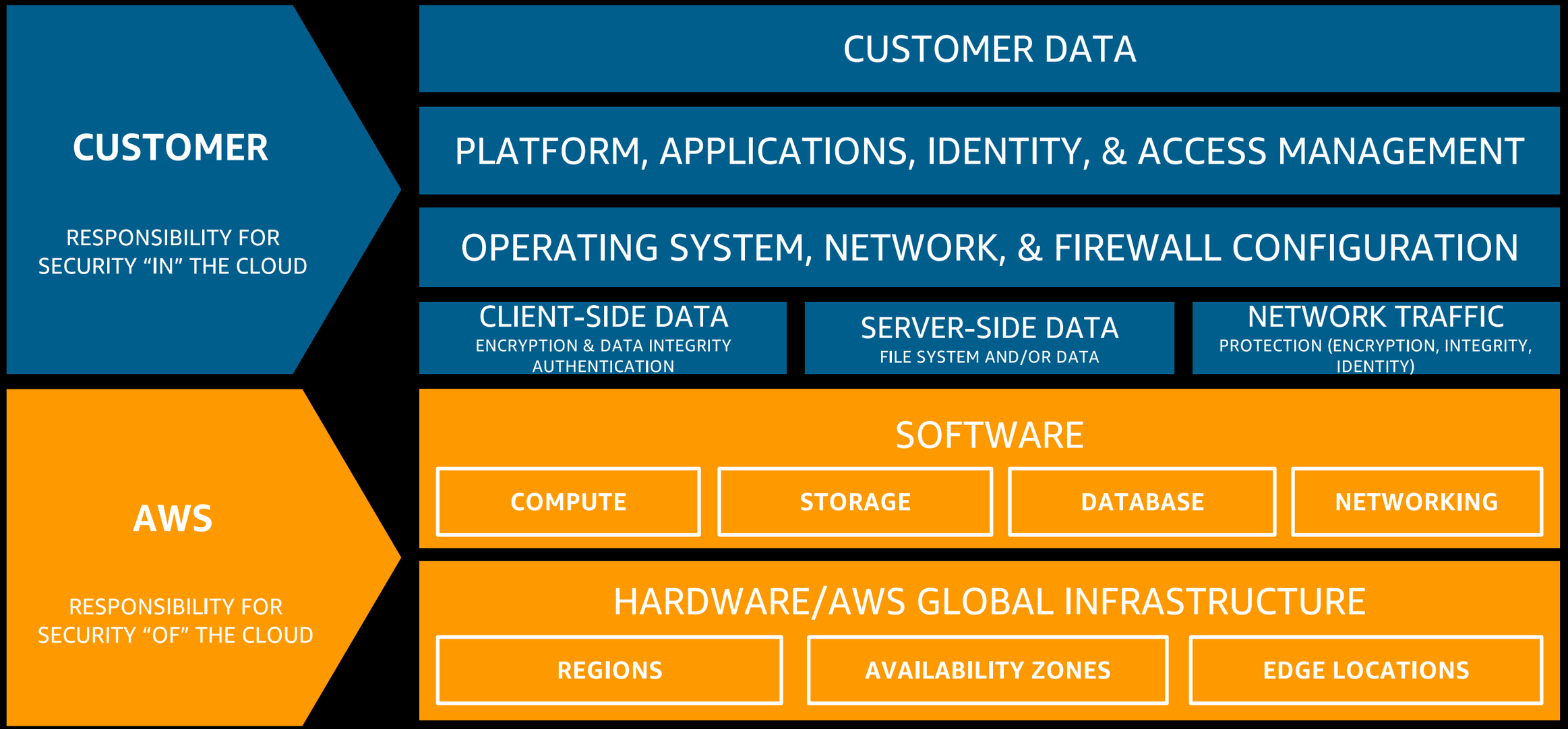
How does this impact cloud adoption?



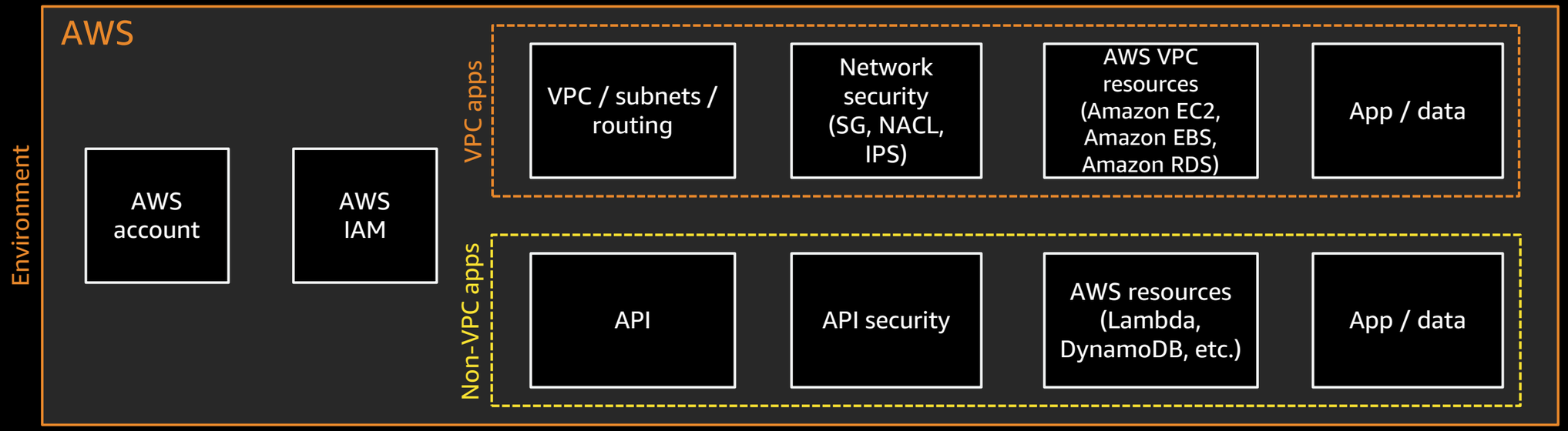
Organizing the Cloud Center of Excellence (CCoE)



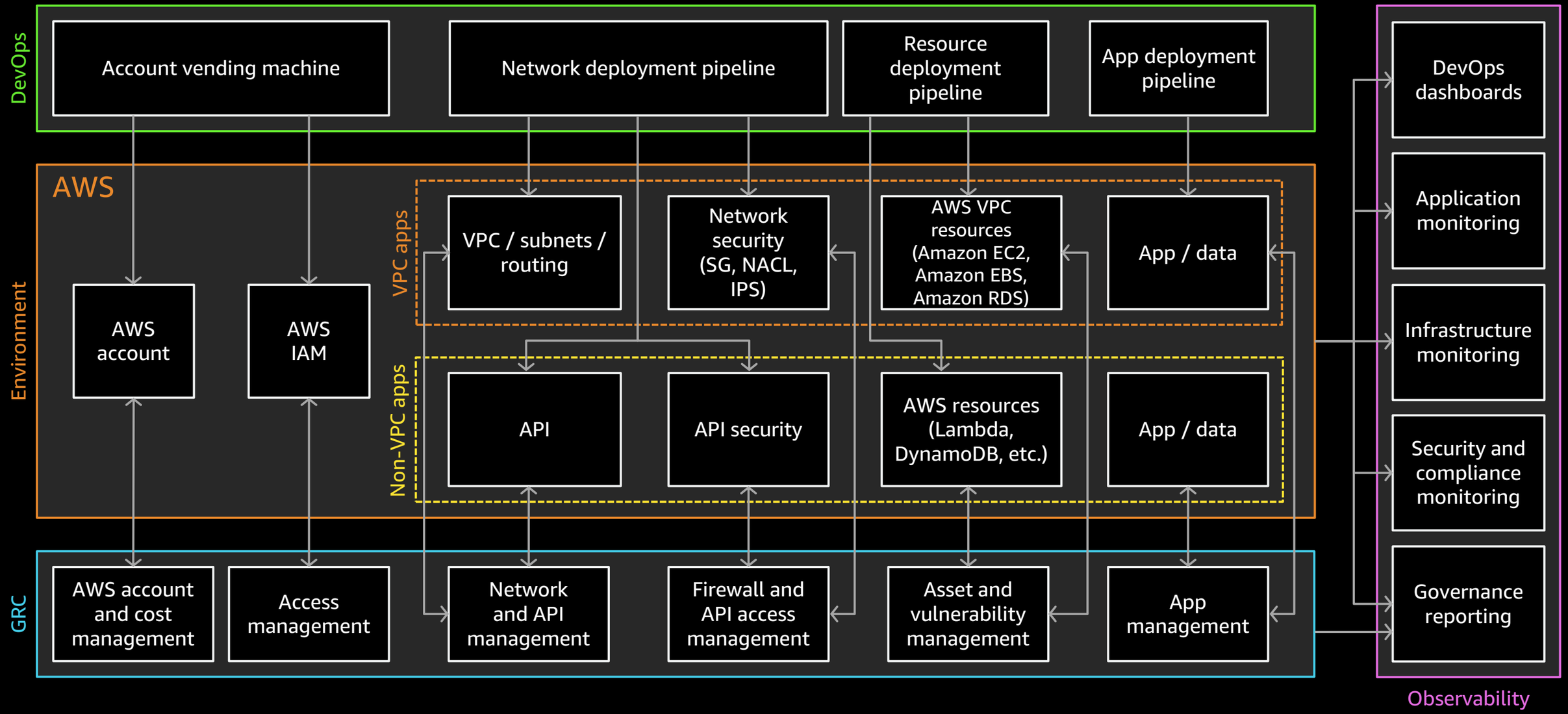
Understanding customer responsibility is key



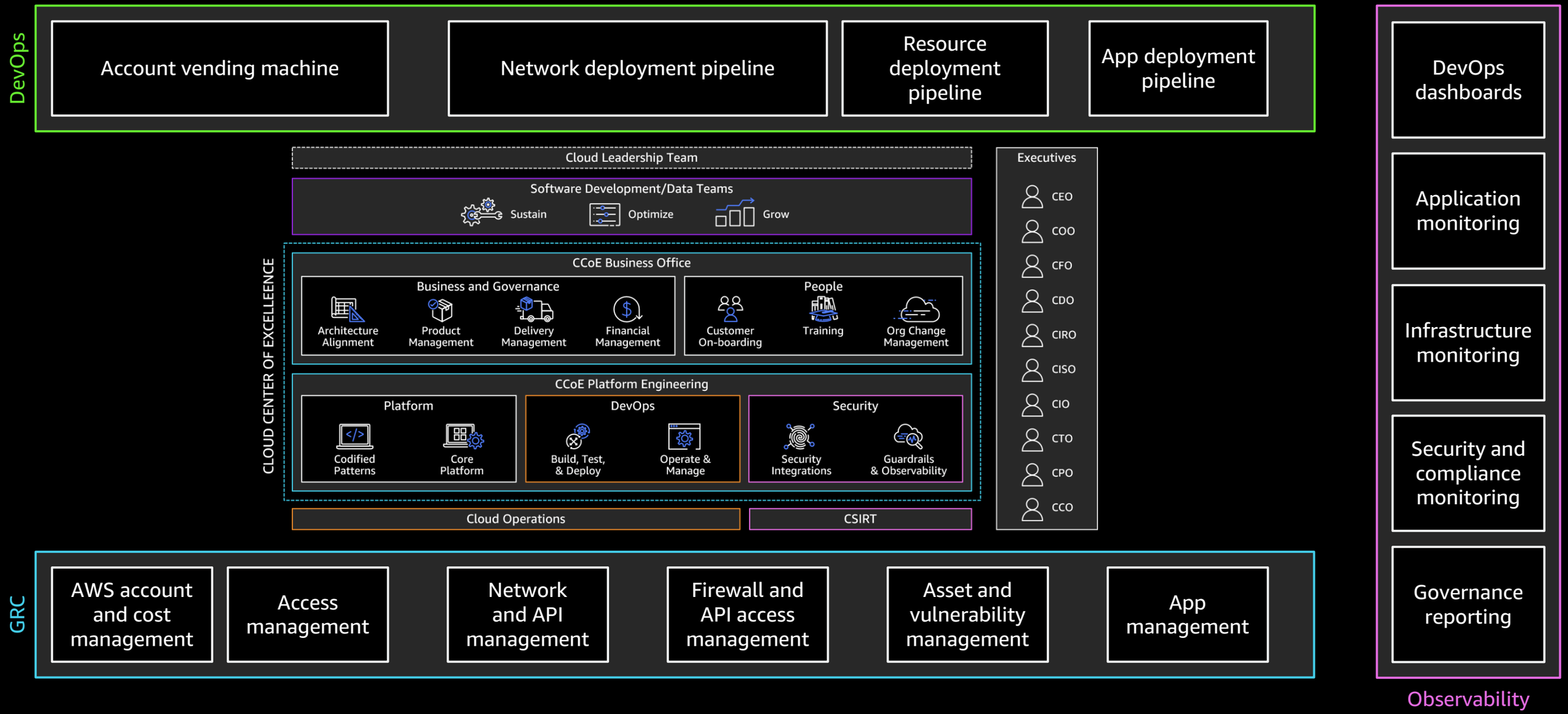
DevOps, security, and observability for AWS



DevOps, security, and observability for AWS



Enabling cross-functional teams



Key takeaways

- Dedicated and empowered CCOE infused with the right talent.
- Solid reference architecture to drive DevOps, observability, monitoring, auditing, etc.…
- Focus on enterprise change management every step of the way. Journey to cloud is a mindset shift first and foremost.
- Codify and automate everything to drive scale during adoption.
- Bring all required functions along from the beginning.
- Treat GRC and Business & Application teams as your customers.
- Celebrate all wins and failures with your partners!

Enabling DevSecOps with marketplace product

DEVOPS

CHEF · GitLab · habitat by CHEF · Sonatype Nexus · HashiCorp Terraform

Amazon CloudWatch

Enabling Governance products

- Identifying and establishing Governance, Risk, and Compliance framework with the right partner solutions

Enabling DevOps products

- Everything as code (infrastructure to application)
- Templatized deployment for consistency
- Automated tests and deployment via CICD Pipeline

Enabling Observability products

- Strong Integration with tools for real-time monitoring and reporting for end-to-end observability

Dome9 SECURITY

splunk>

GRC

CloudHealth by vmware · CLOUDKNOX · CYBERARK · cybereason · Dome9 SECURITY · paloalto NETWORKS · PingOne · RAPID7 · SailPoint · servicenow · sonarqube

APPDYNAMICS part of Cisco

GOVERNANCE, RISK, AND COMPLIANCE

OBSERVABILITY

Thank you!

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