



# Establish the foundational governance capabilities to support your cloud migration

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# Episode 1: Accounts, Access, and Audit trails

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# Agenda

- Why governance at scale is critical to cloud migration
- Cloud Foundations on AWS
- What are the cloud foundational capabilities
- Getting started with your foundational capabilities
- Virtual Workshop – Establishing Capabilities

# Business drivers for cloud migration & modernization

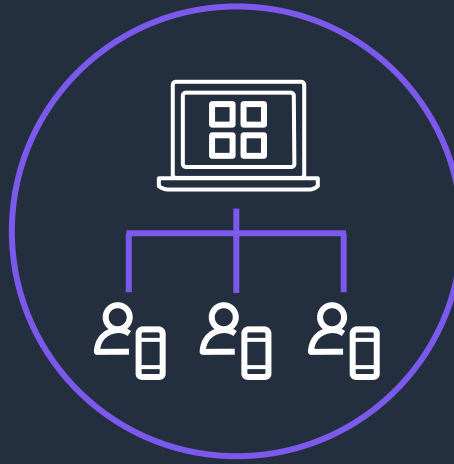


# Migration & modernization business outcomes



**31%**

Cost savings over  
comparable  
infrastructure



**62%**

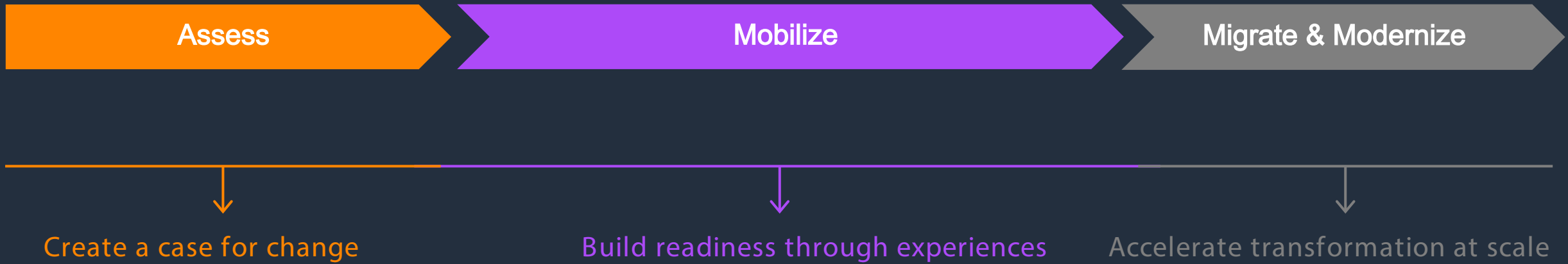
More efficient  
IT infrastructure  
teams



**75%**

Increase in agility  
in delivering  
new features

# Simple three -step approach



# Governance at scale is critical to migration



“Governance must balance two objectives: it must control, and at the same time it must enable . . . ”

**Mark Schwartz**

Enterprise Strategist at Amazon Web Services

Former CIO, US Citizenship and Immigration Services (USCIS)

Author of *The Art of Business Value* and *A Seat at the Table: IT Leadership in the Age of Agility*



# Decisions across multiple services



Security



Cost Management



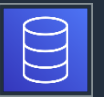
Management & Governance



Compute



Developer Tools



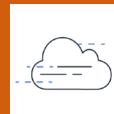
Database services



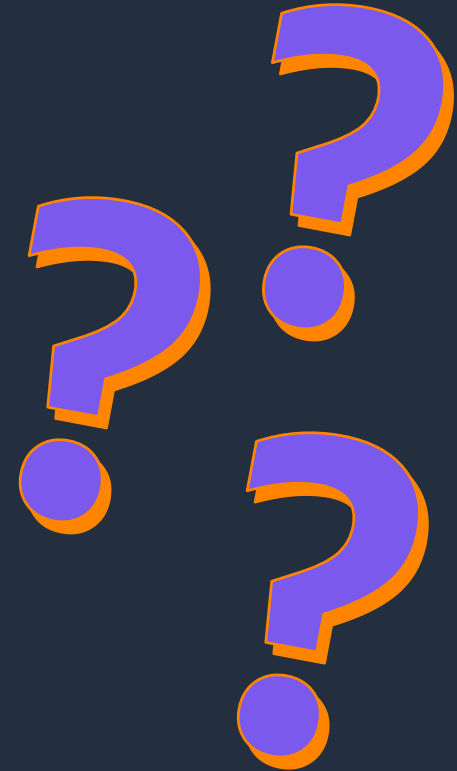
AWS Services



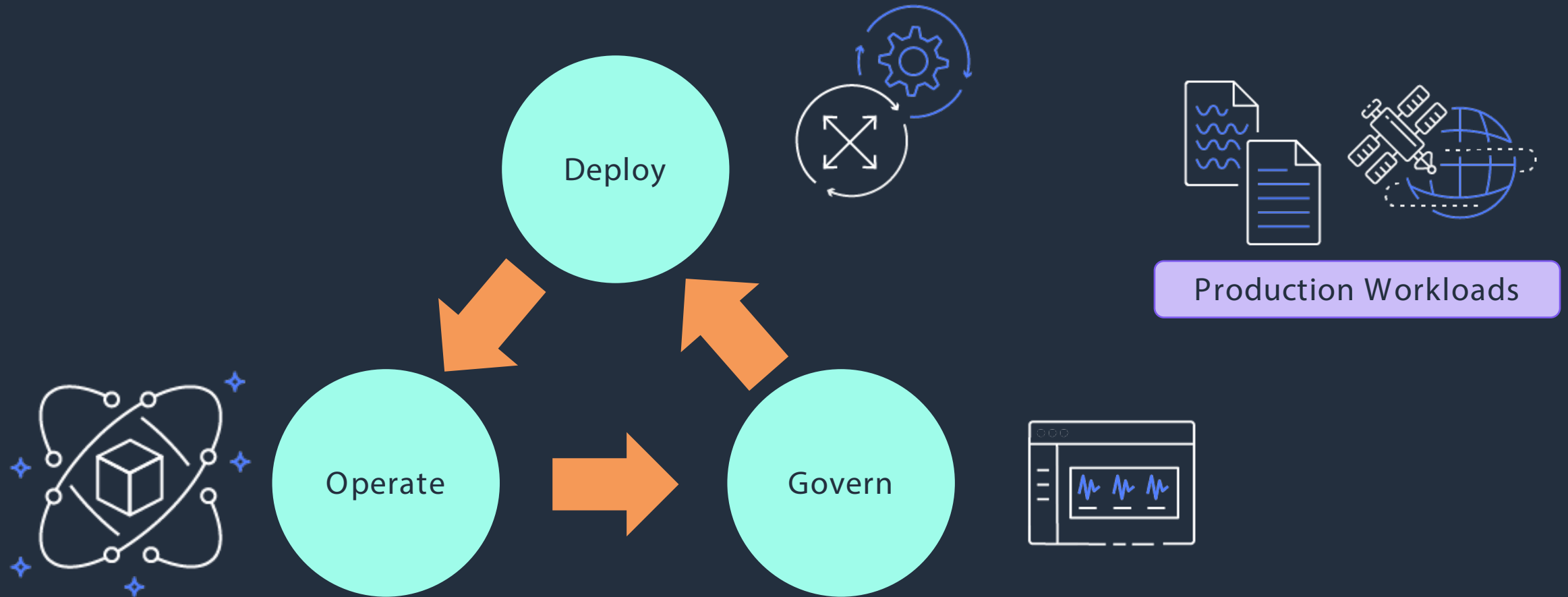
AWS Solutions



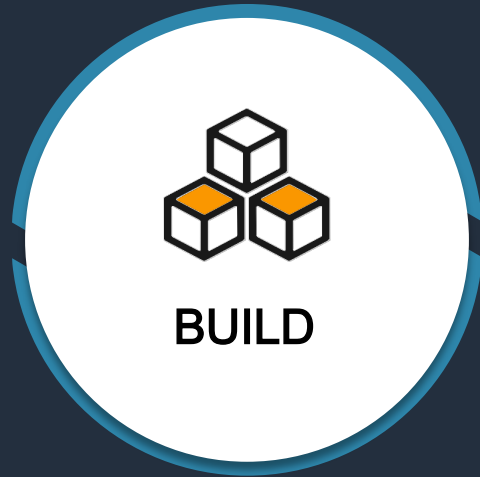
AWS Partners



# Cloud Foundations on AWS



# Cloud Foundations on AWS



Make a difference

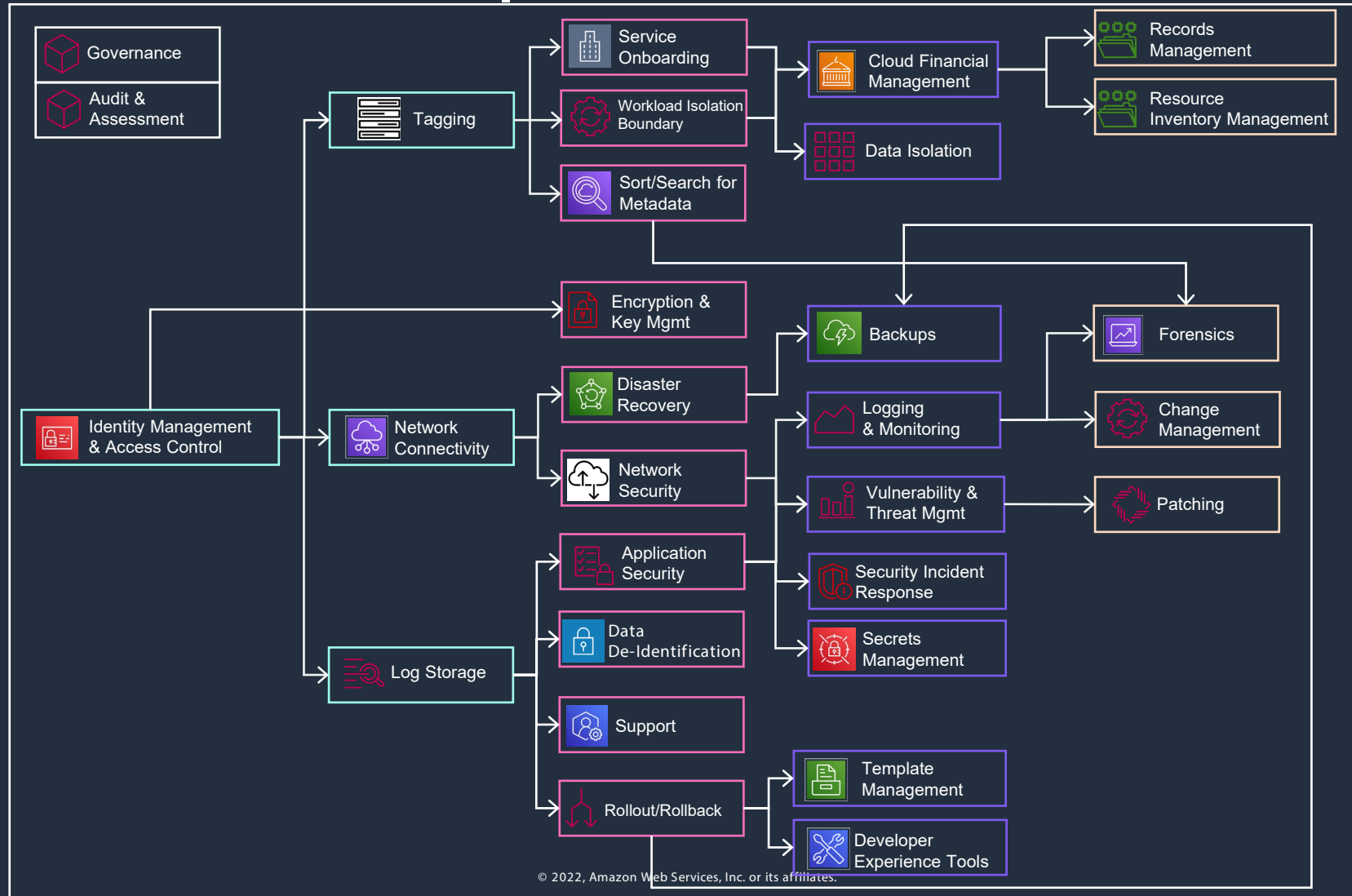


Deliver & innovate  
rapidly

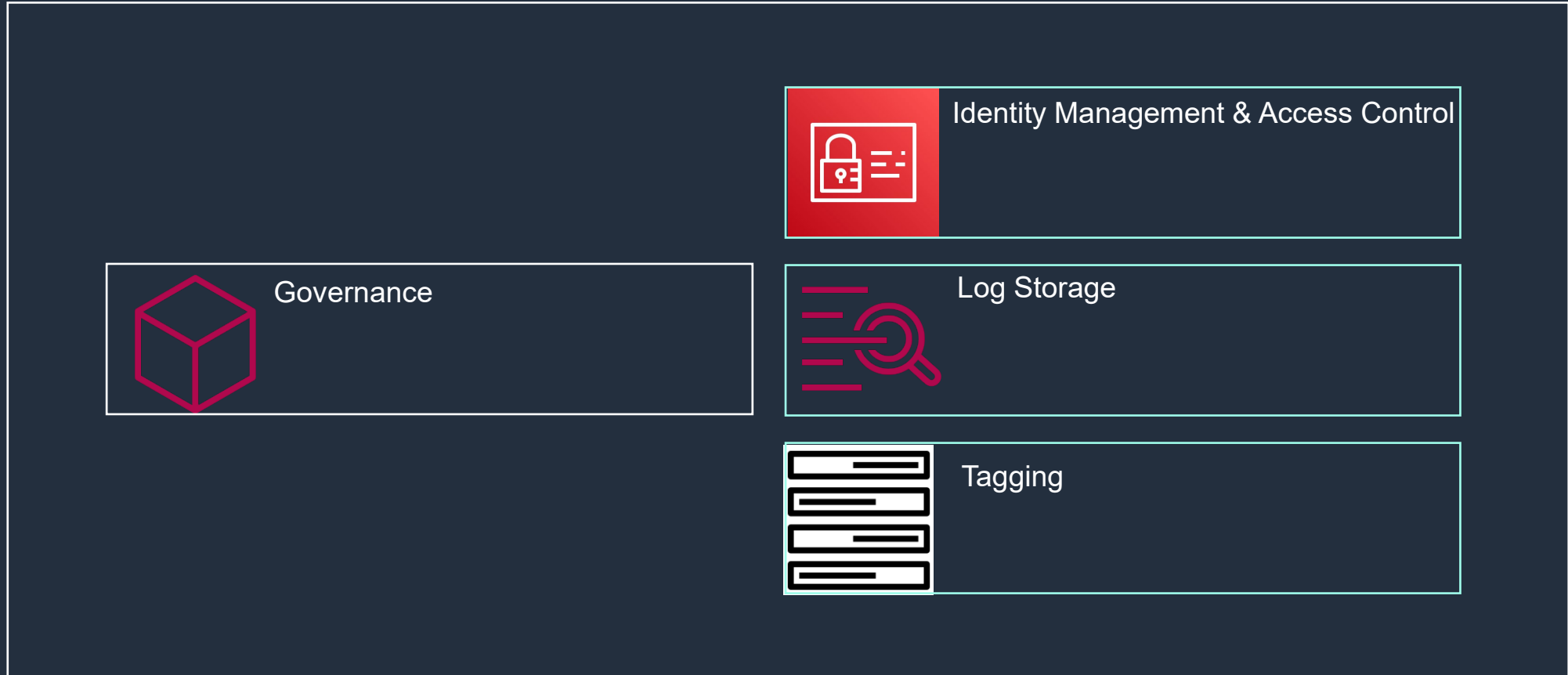


Secure & compliant  
environment

# Through foundational capabilities

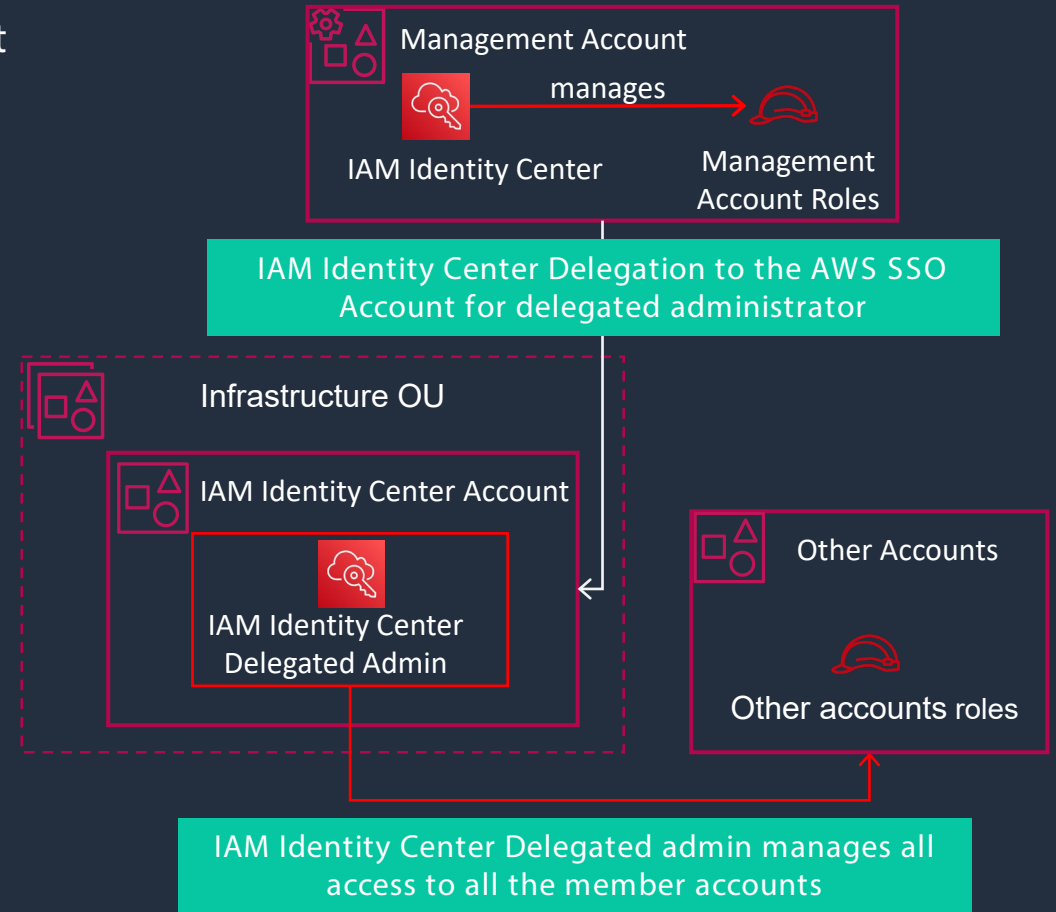


# Getting started



# Identity Management & Access Control capability

- Represent and organize identities and roles in their environment
- Establish a single point of management for Access and Authorization for the Cloud environment
- Enforce Multi-Factor Authentication
- Implement Least Privilege permissions

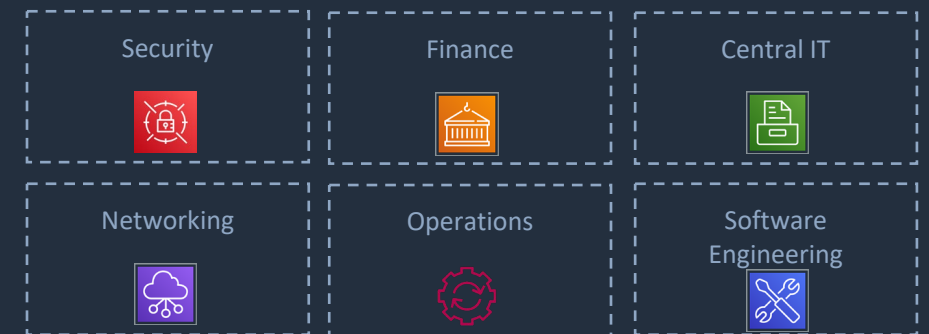


# Governance capability

- Establishing the relationship with your cloud services provider
- Defining how cloud services are consumed
- Building cloud capability across your organization
- Establishing standards for your cloud environment

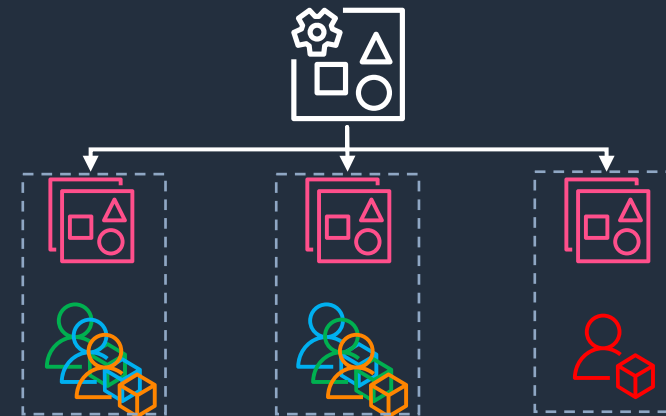


Build cloud capability and enable your Stakeholders across your organization



# Organizing your AWS environment

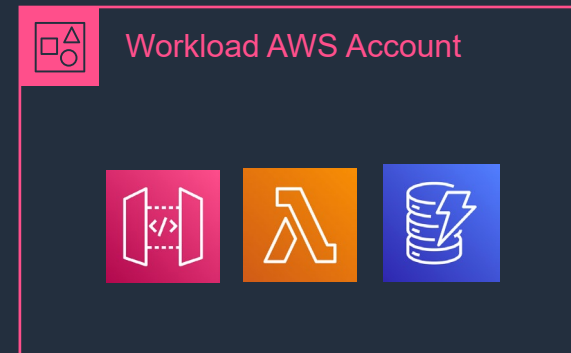
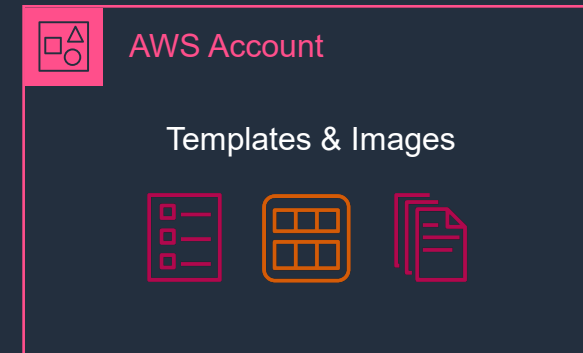
- Multiple accounts
- Access control
- Environment structure
- Management & operations centralized



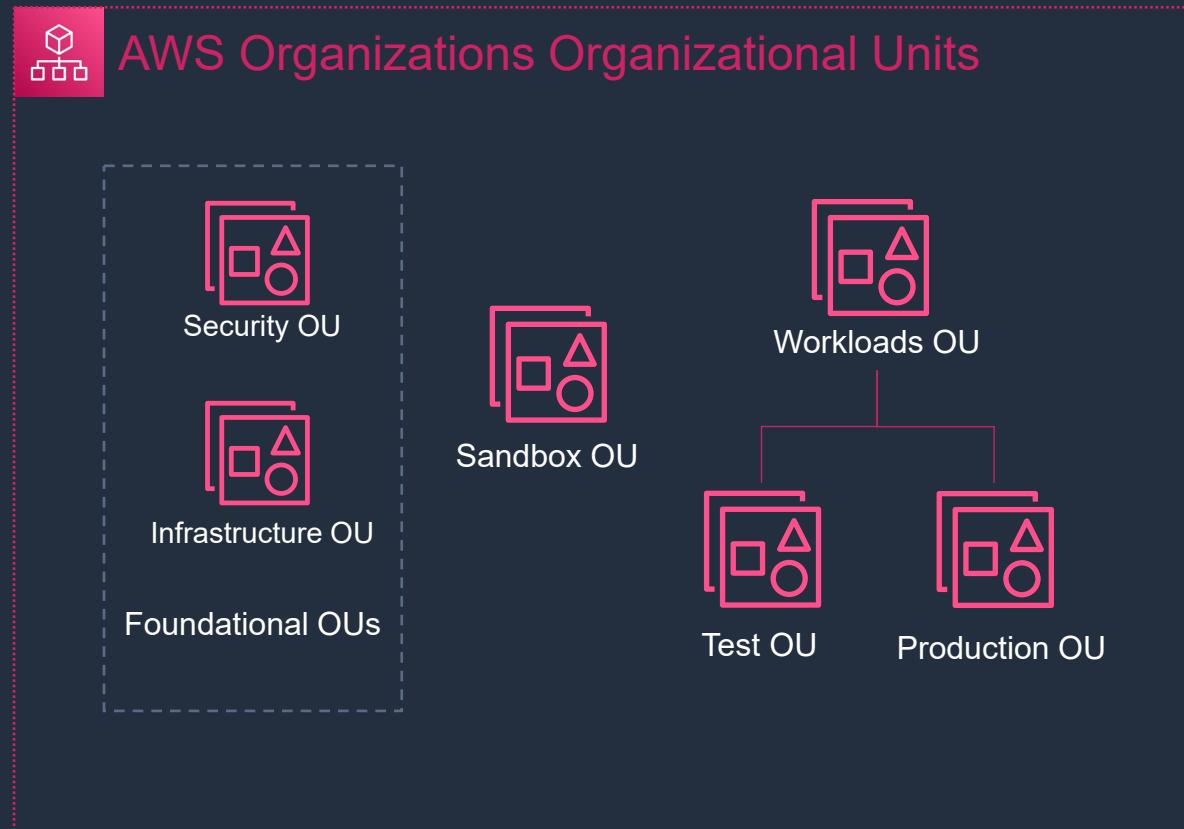
# What is an AWS account?

Each AWS account:

- Is an isolation boundary for resources and AWS services
- Is an explicit security boundary
- Is a container for cost tracking and billing



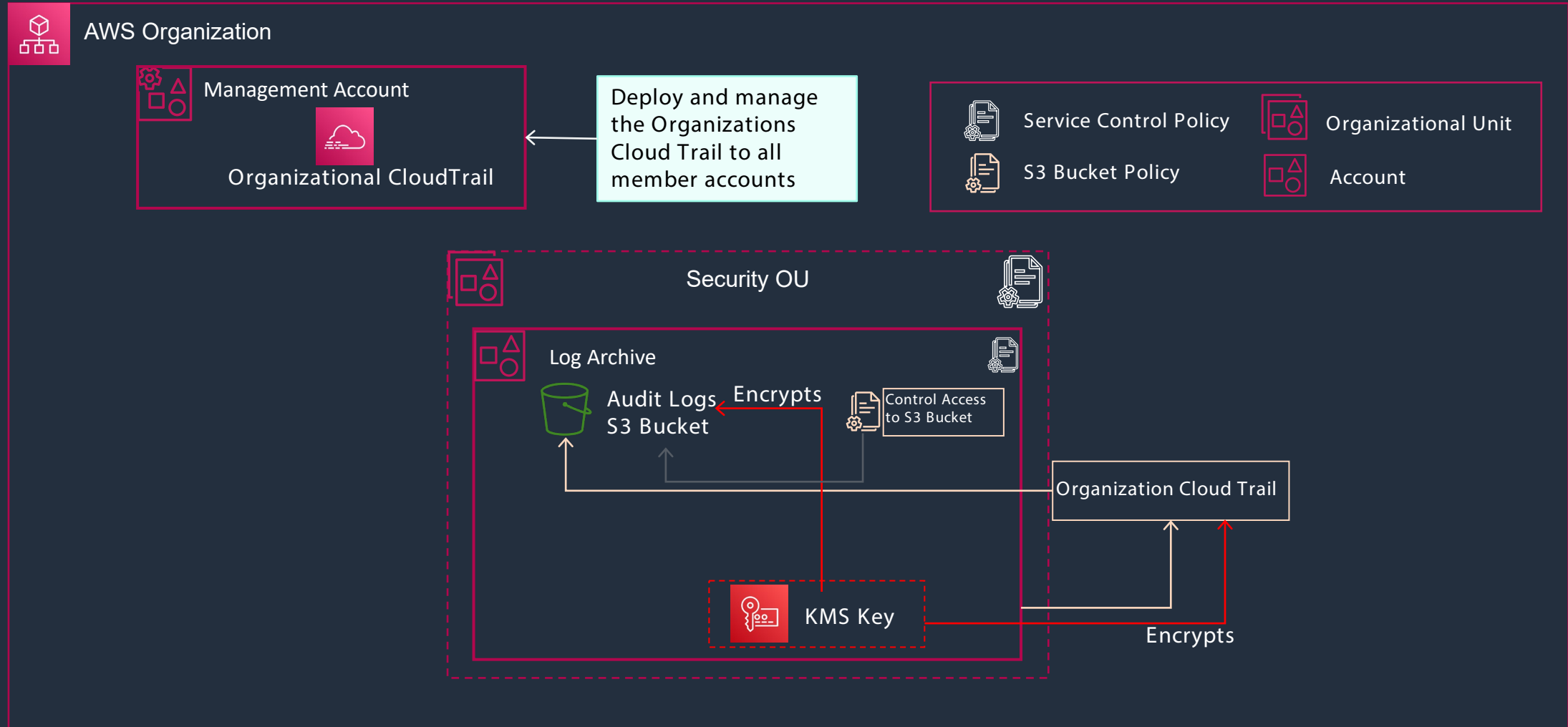
# Organizing your AWS Accounts



# Log Storage capability

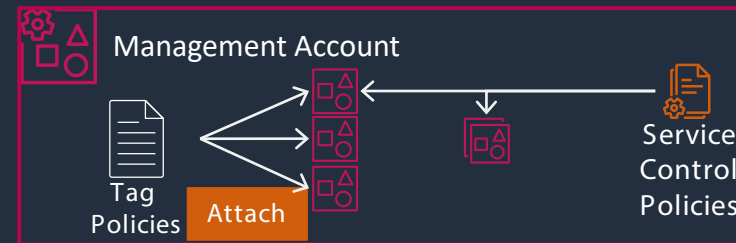
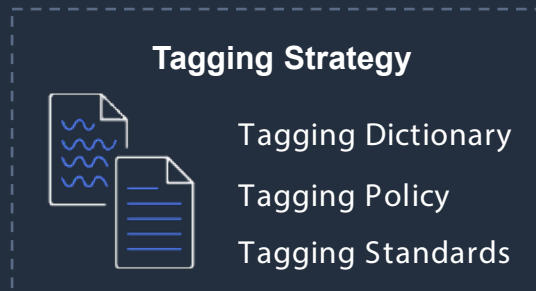
- Building a Secure and resilient centralized Log Storage
- Ensuring the integrity of logs within your Log Storage
- Access the logs to audit and monitor your environment

# Log Storage capability



# Tagging

- Define your tagging requirements
- Create a tagging dictionary available for your organization





# Workshop – Establishing capabilities

# Summary

- Cloud Governance
- Cloud Foundations on AWS
- Governance
  - Organizing your AWS environment
- Identity Management & Access Control
  - AWS Identity Center
- Log Storage
  - Audit Trailing with AWS CloudTrail
- Tagging
  - Apply a tag policy

# What next?

- Join us on our second episode
  - Guardrails and Centralized management of security tools on August 25, 2022 at 10:30 CT



Multi-account Strategy whitepaper



Cloud Foundations on AWS whitepaper



# Thank you!