



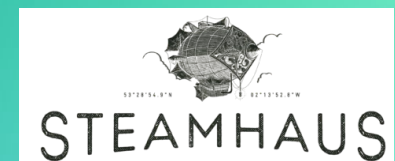
SESSION ID #FPA02

# Application Modernization

Accelerating your Modernization Journey

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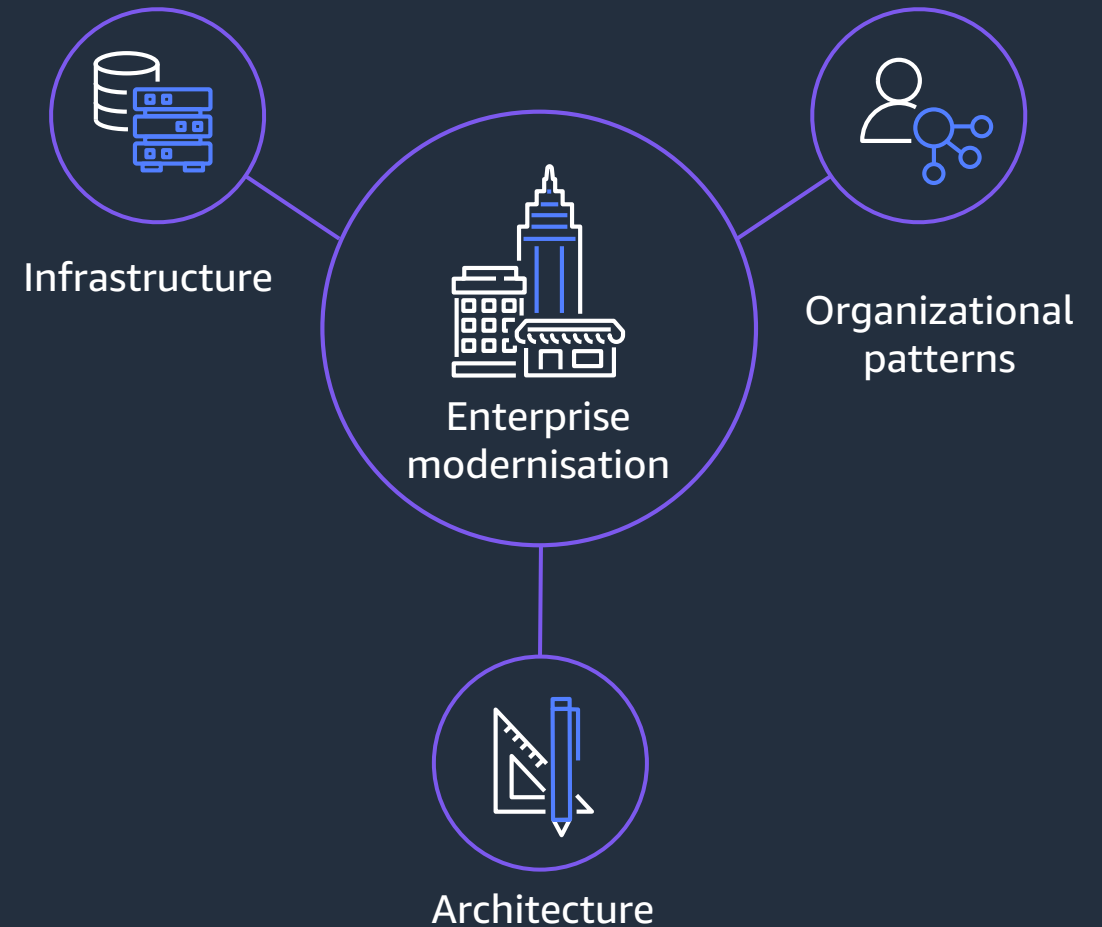
# Agenda

- i. **Defining** modernization
- ii. **Why** do customers modernize?
- iii. **What** do customer modernize?
- iv. **How** do customers modernize?
- v. **Customer** story

# Defining modernization

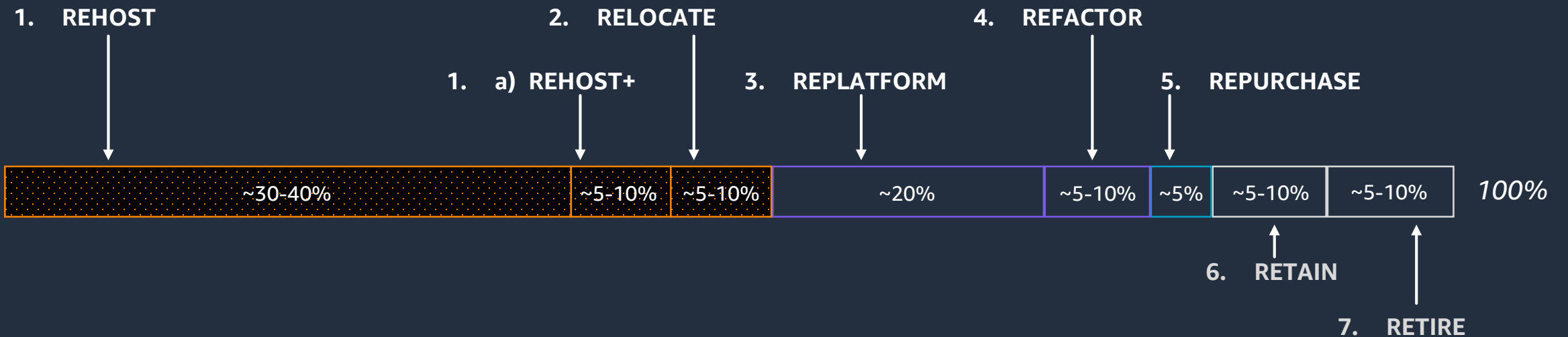
# What is modernisation?

Modernization is the process of **progressively transforming** existing **applications and infrastructure** to extend into higher-value, built-for-the-cloud services that **unlock new business capabilities, accelerate innovation, and reduce technical debt.**



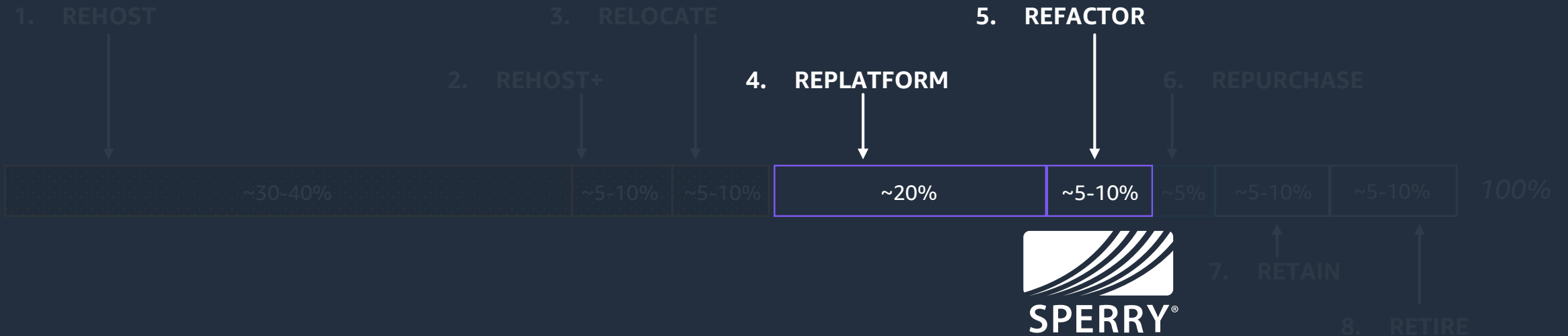
# Migration & Modernization Patterns (7Rs)

AVERAGE CUSTOMER ENVIRONMENT, BY MIGRATION PATTERN (BASED ON AWS EXPERIENCE)



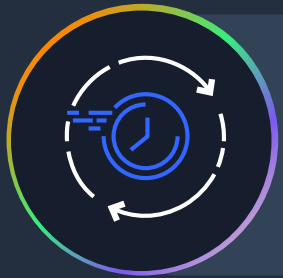
# Migration & Modernization Patterns

AVERAGE CUSTOMER ENVIRONMENT, BY MIGRATION PATTERN (BASED ON AWS EXPERIENCE)



# Why do customers modernize?

# Why do organizations build modern applications?



Speed & Agility



Security & Operational Resilience

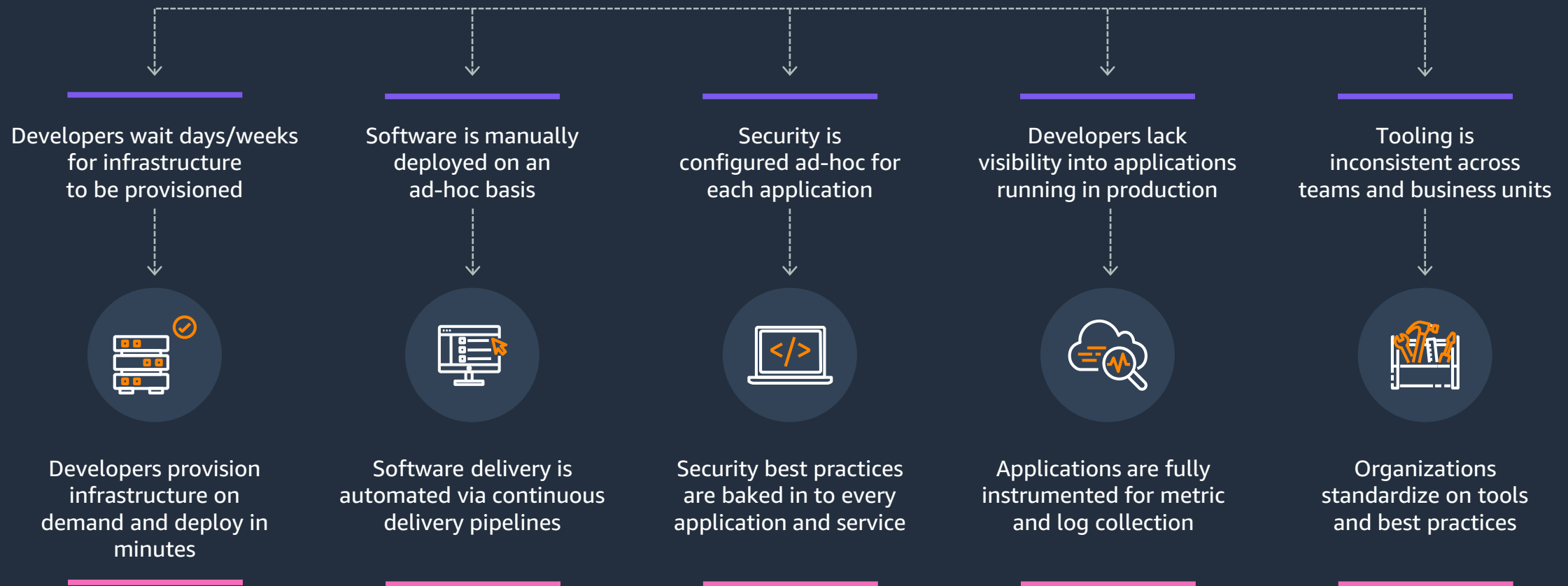


Costs



# What does success look like?

● Challenge   ● Solution



# What do customer modernize?

# Application selection

LOB, critical to business success

Customer facing

Significant impact to revenue

Market differentiator

Value exceeds cost

Business Reasons

Old technology, no support

Performance & scalability issues

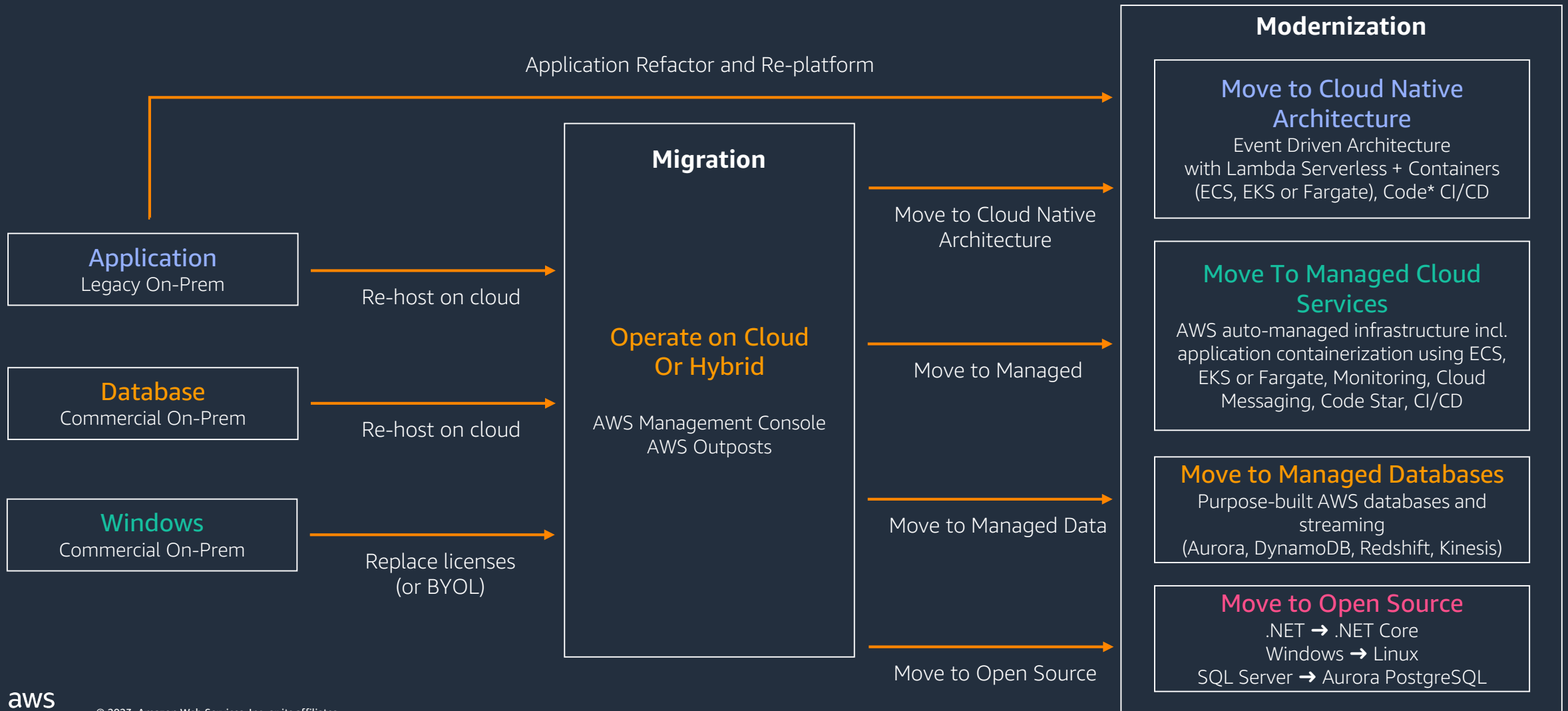
Lack of skillset, lost knowledge

Too many bugs, spaghetti code

Expensive, difficult to integrate

Technical Reasons

# Modernization pathways



# How do customers modernize?

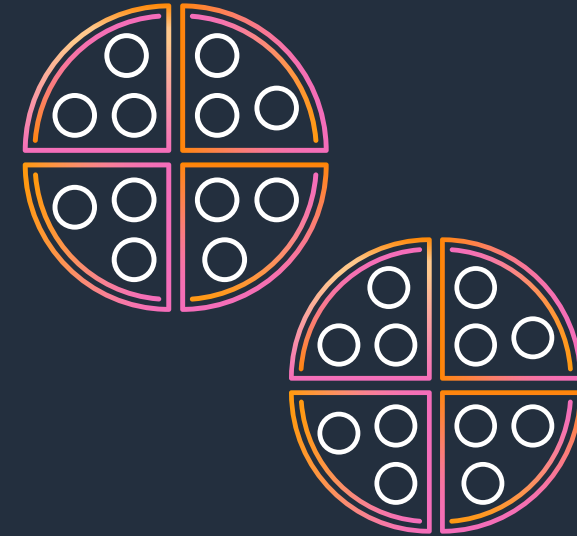
# Find your executive sponsor(s)



## Organizational direction

Focused innovation

Vision setting



## Organizational changes

Full ownership and autonomy

2-pizza teams – small and nimble

# Centre of Excellence (COE)



**People**

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**Technology**

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**Process**

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# Centre of Excellence (COE)



## People

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- Sponsorship
- Education
- Certification
- Communication
- Community Building



## Technology

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- Standardization of tools
- Guardrails
- Best Practices
- Re-usable patterns / templates
- Shared Services Architecture
- AWS Purpose Built Databases



## Process

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- DevOps and CI/CD Automation
- Testing automation processes
- Well-Architected Reviews (WARs)
- On-boarding curriculum and learning paths
- Team Structure
- Account strategy

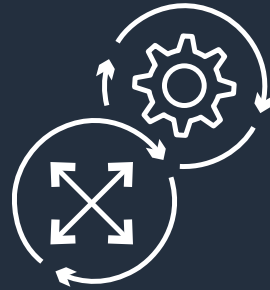


# Cloud Native Accelerator

Modernization program that enables you with **prescriptive guidance on best practices**, **guardrails**, and **re-usable patterns** to accelerate the adoption of cloud native technologies



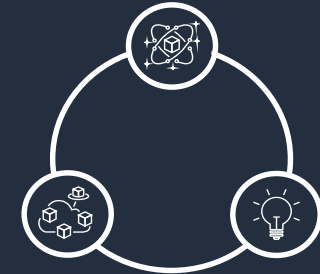
Change your  
organization



Learn  
by doing



Enable your  
workforce



Leverage  
AWS-native  
services

Go to... [steamhaus.co.uk/cna](https://steamhaus.co.uk/cna)

# Customer story



# Introductions



**BOBBY GILBERT**

Snr. Director – Digital Transformation

Sperry Rail

AWS and Steamhaus Customer



**PHIL HORN**

Director

Steamhaus

AWS Partner



**RICHARD LEES**

EMEA Application Modernization Specialist

AWS



# SPERRY'S STORY





# Thank you!

**Richard Lees**



**Phil Horn**



**Bobby Gilbert**