AWS re:Invent

NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV

ARC320-R2

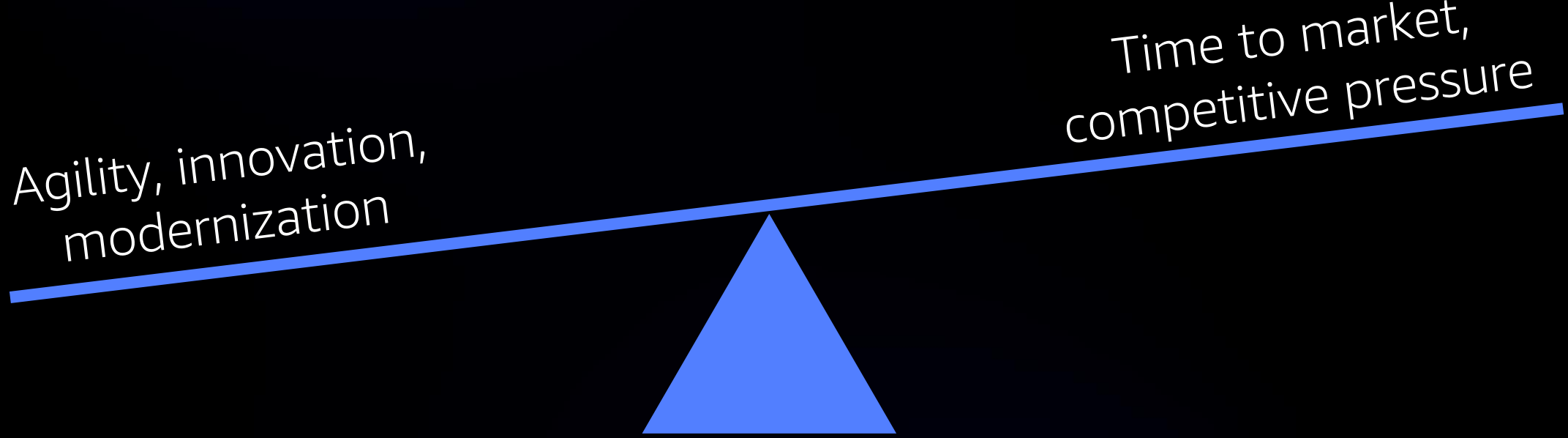
From Monolith to SaaS: Discover the way

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Principal Partner Solutions Architect
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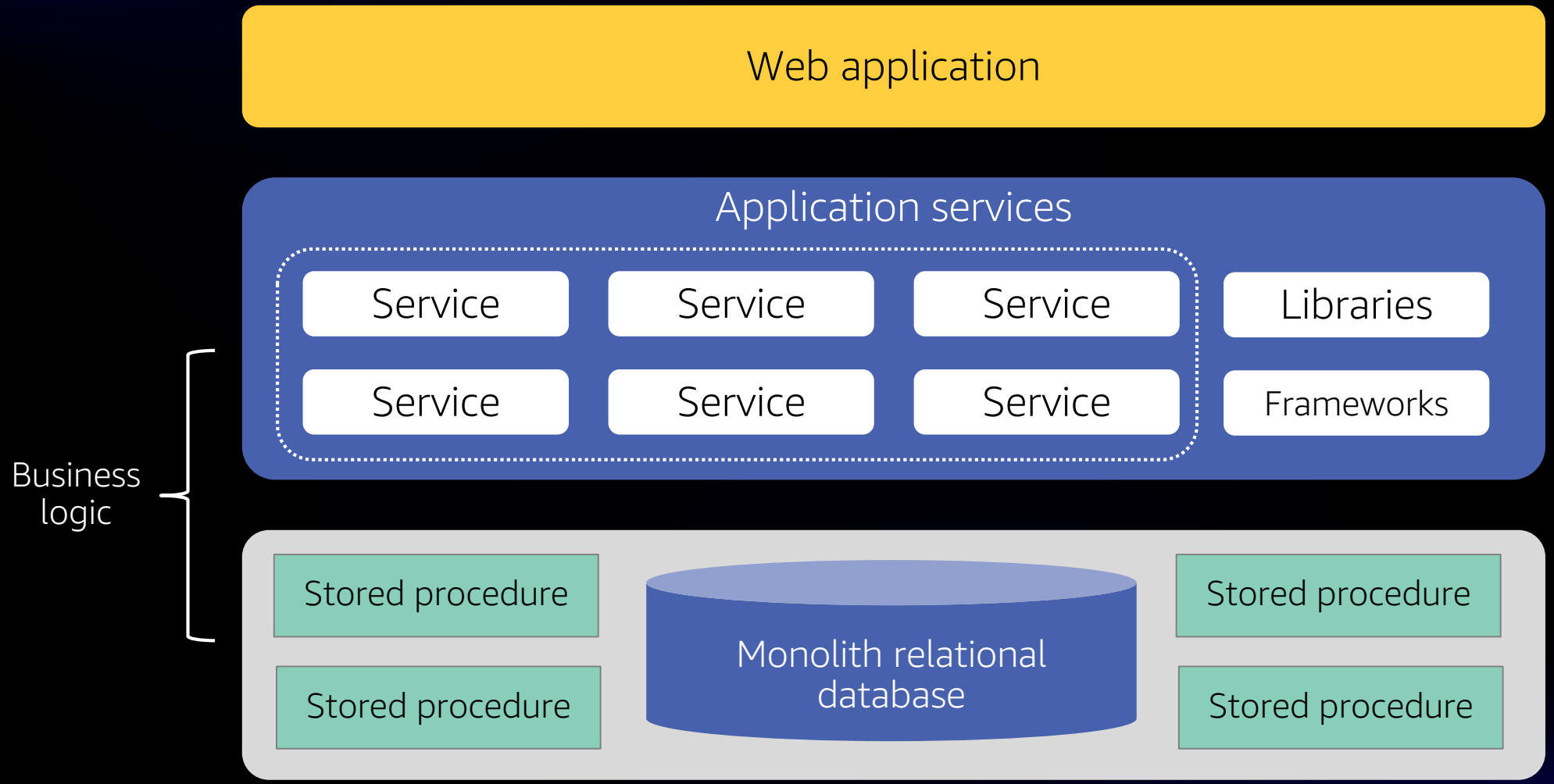
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The migration challenge



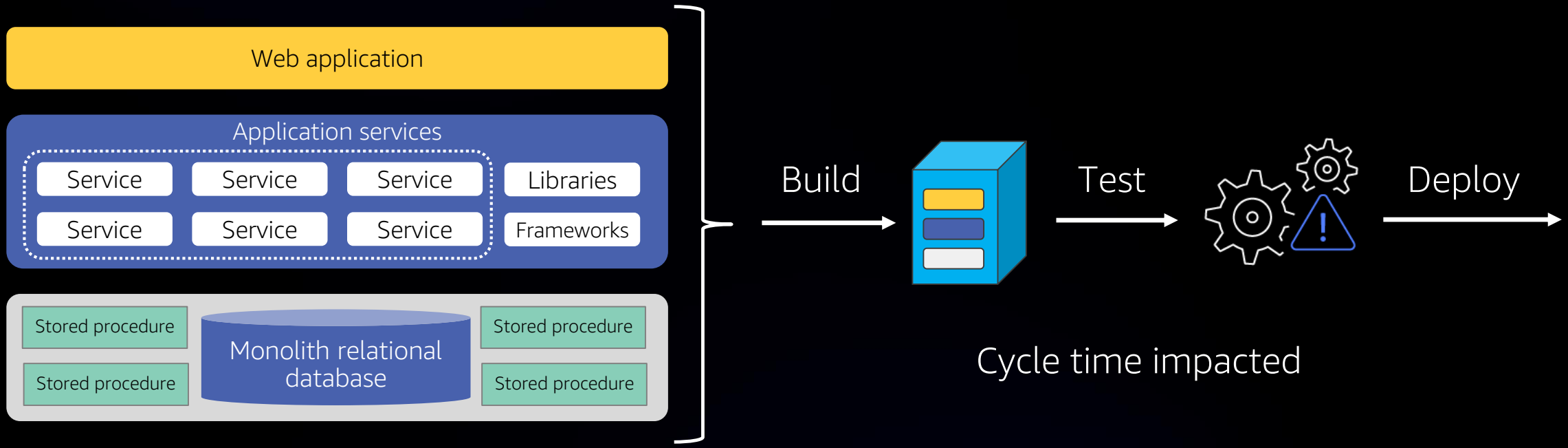
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A common starting point



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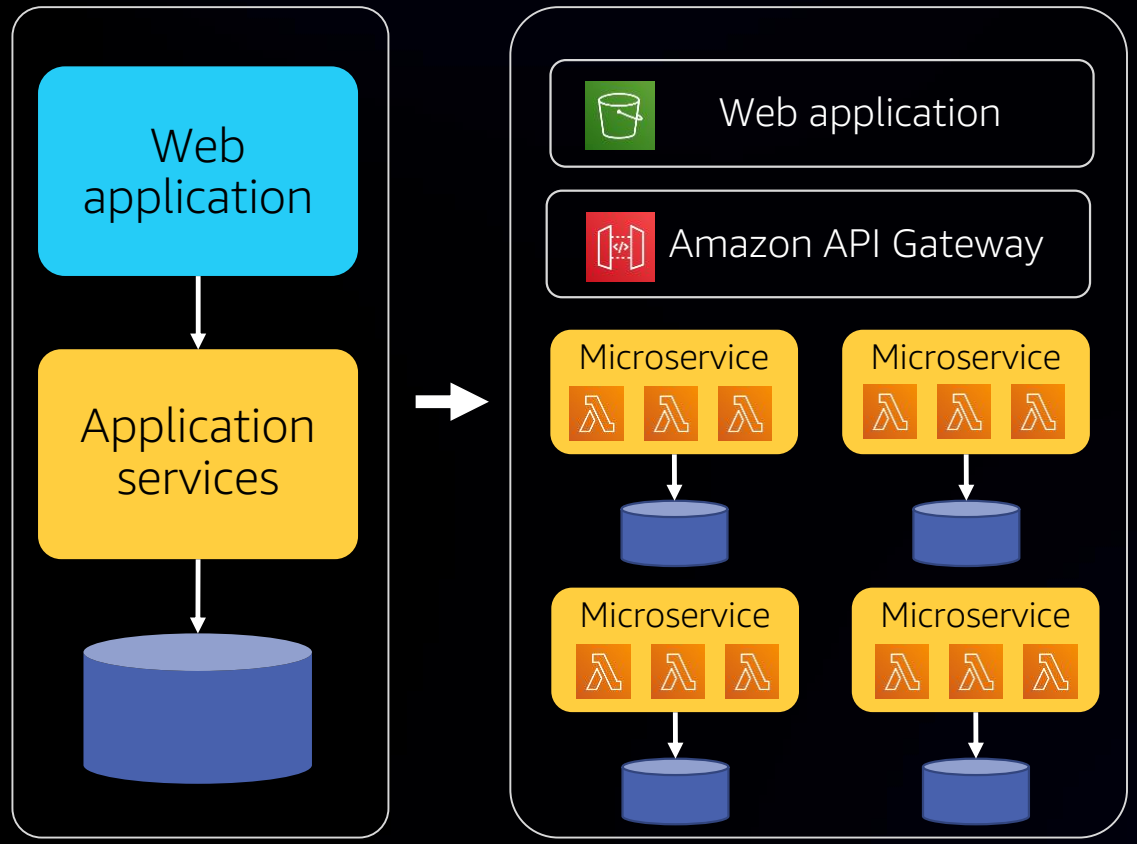
A highly decoupled build and deployment



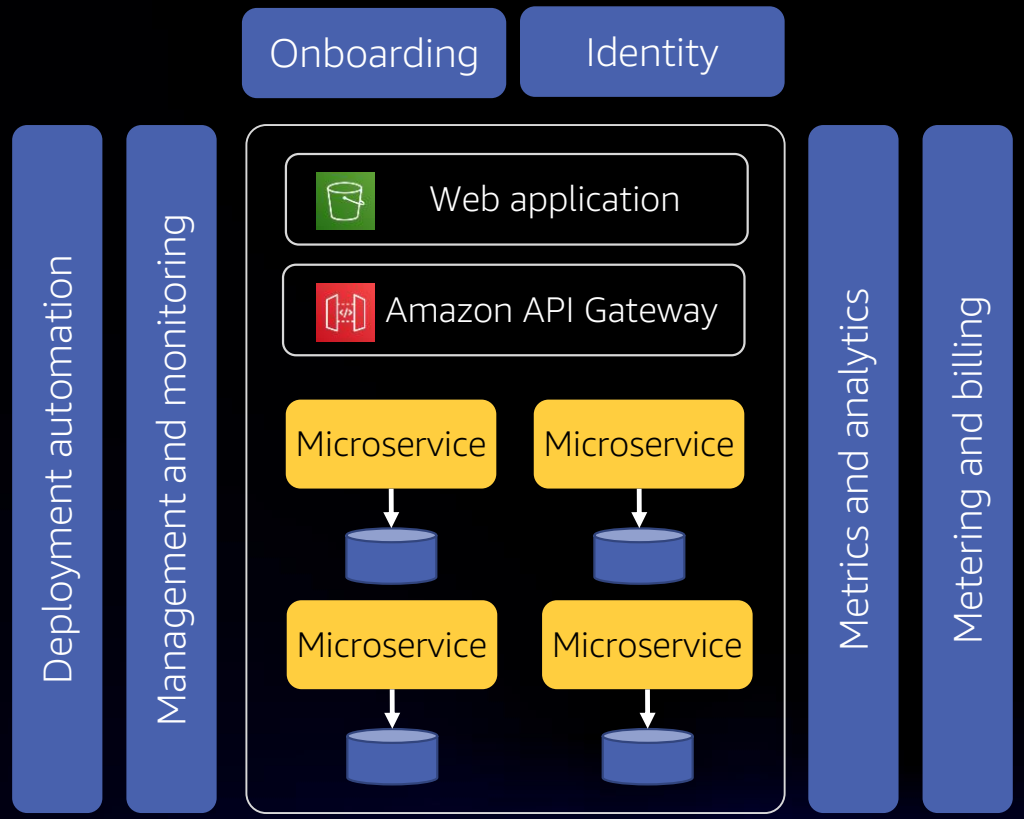
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Two key aspects of migration

Technical modernization

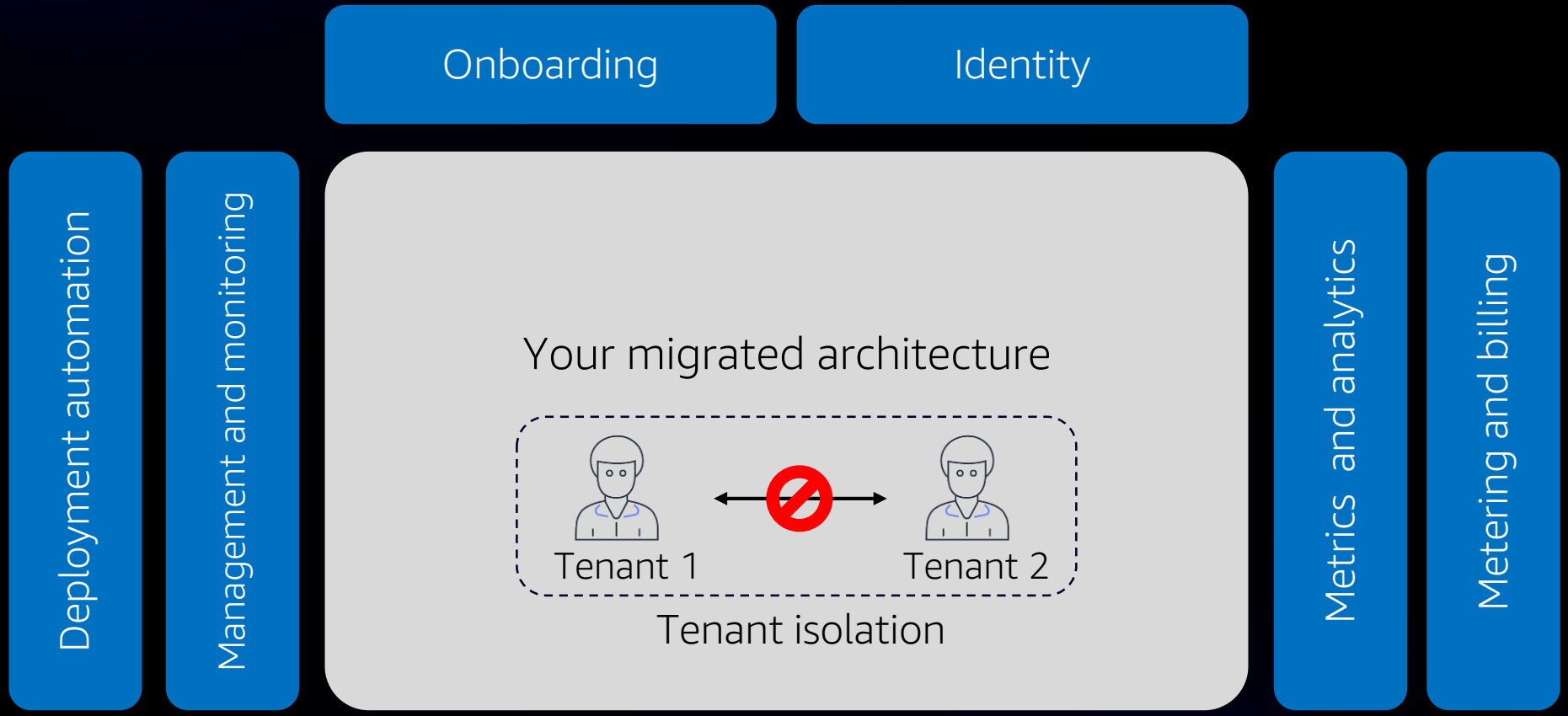


Manageability, agility, and operational efficiency



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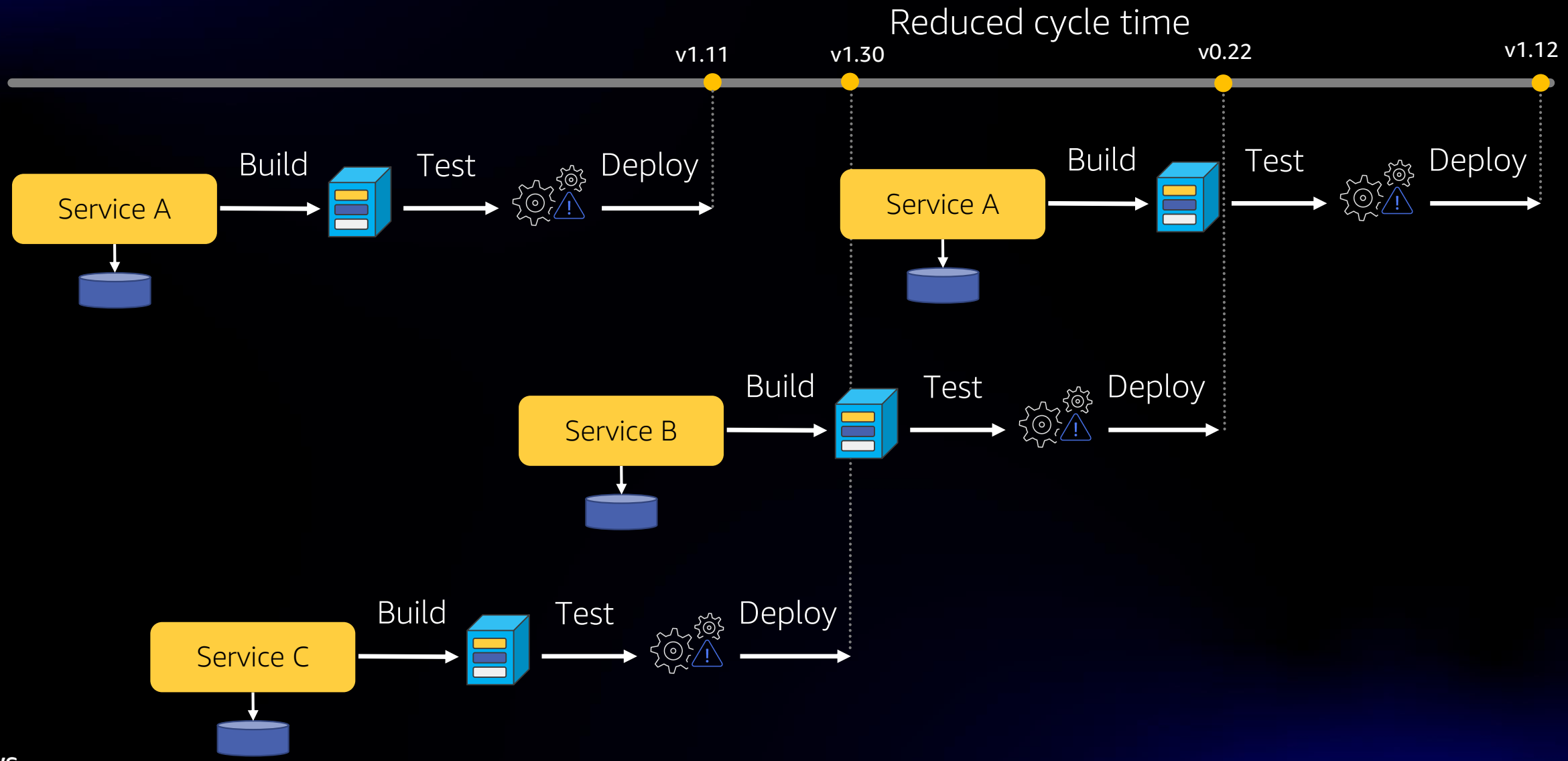
Many architectures, one mindset



All migrations include these shared services

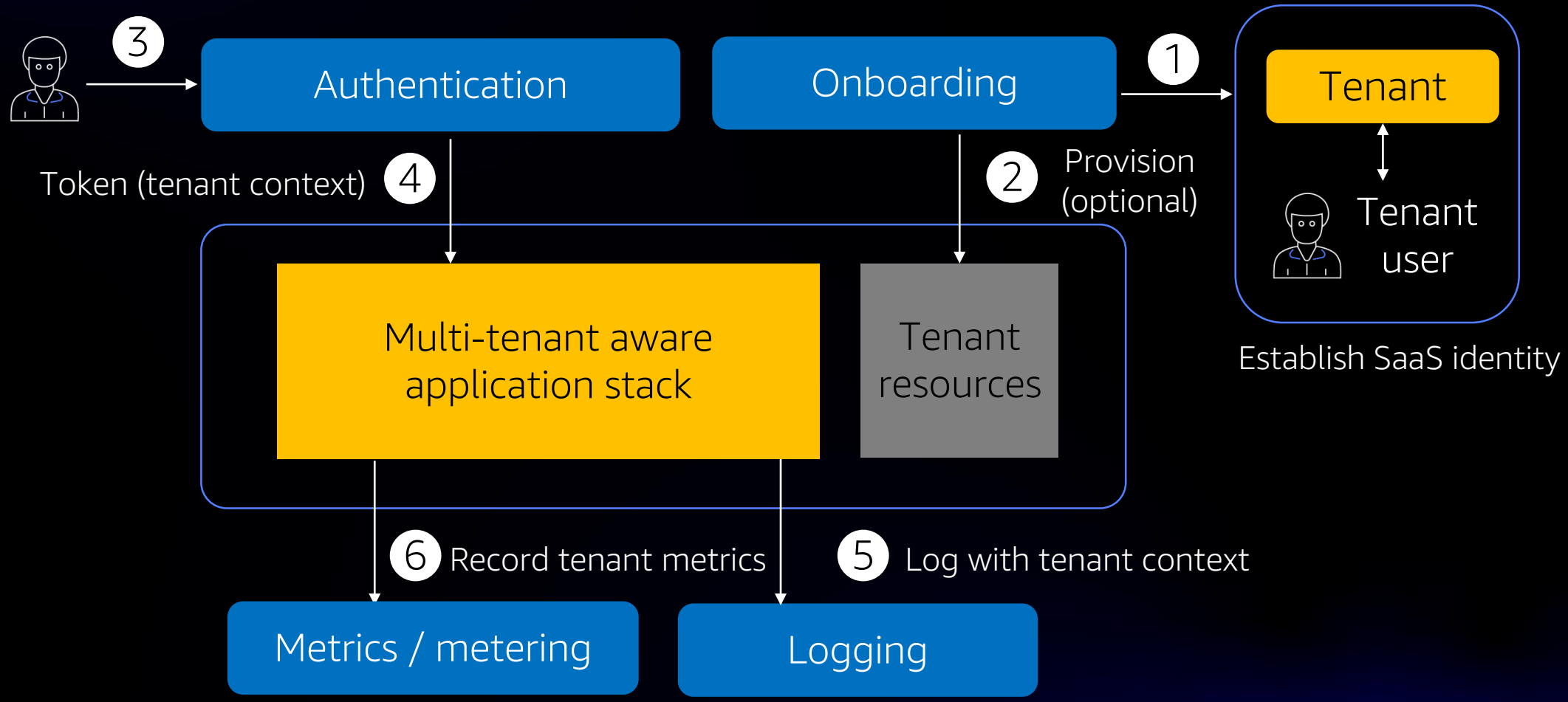
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Rapid pace of innovation



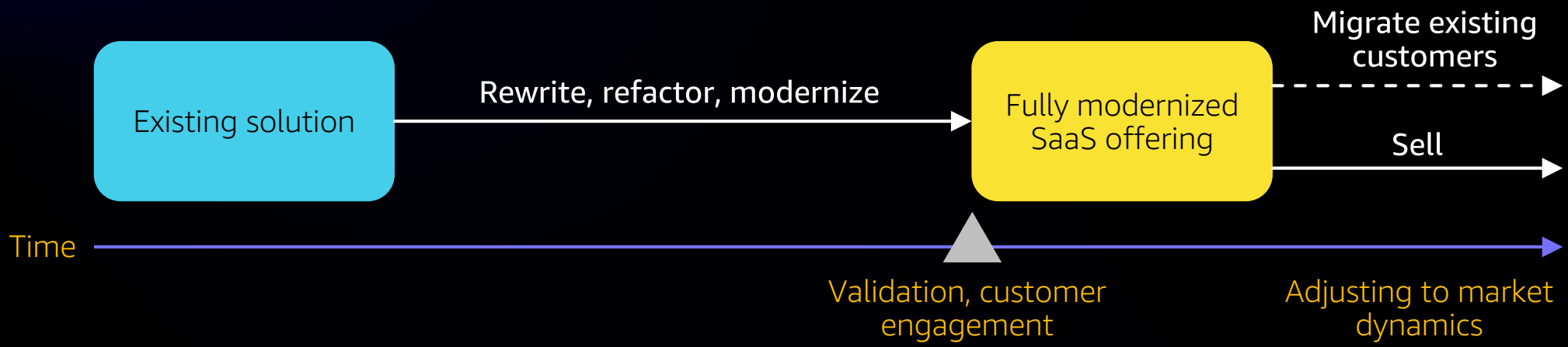
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Introduce tenancy early



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A common theme: Migration speed matters





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MVP is the key

MVP is this way

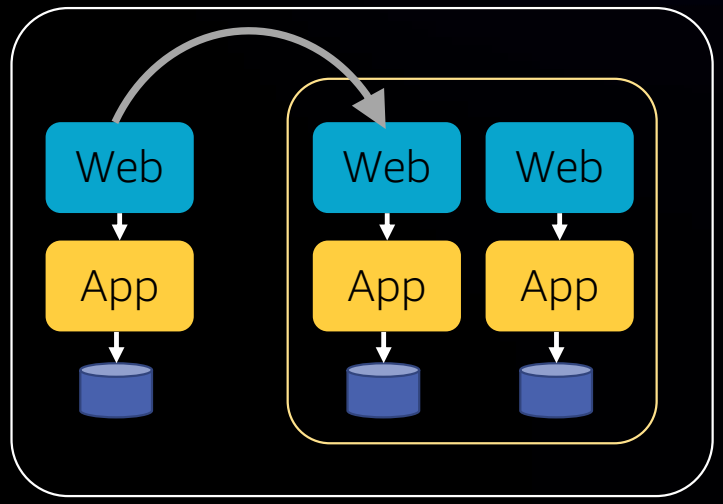


Not this way

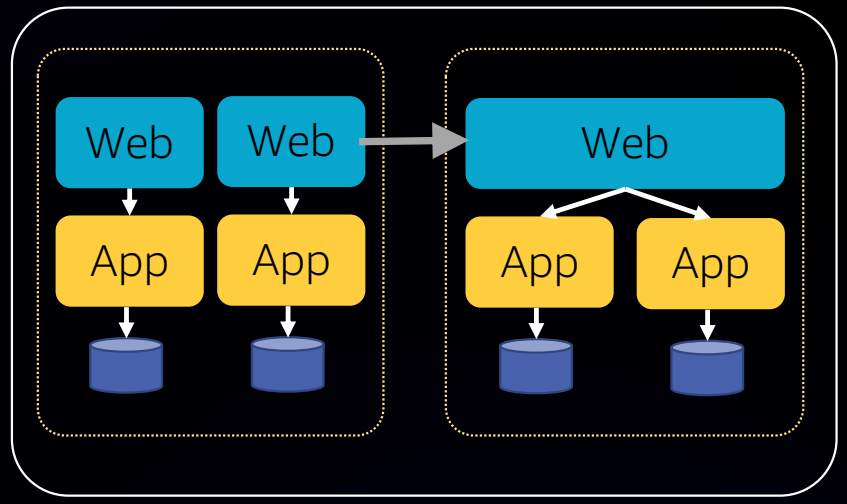


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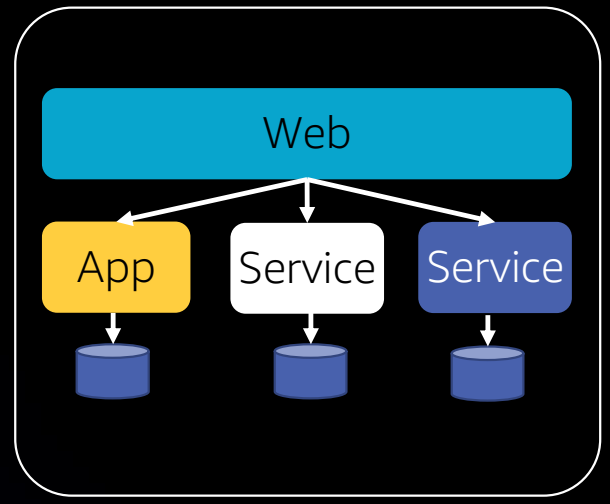
The first step: Pick a migration model



Silo lift and shift



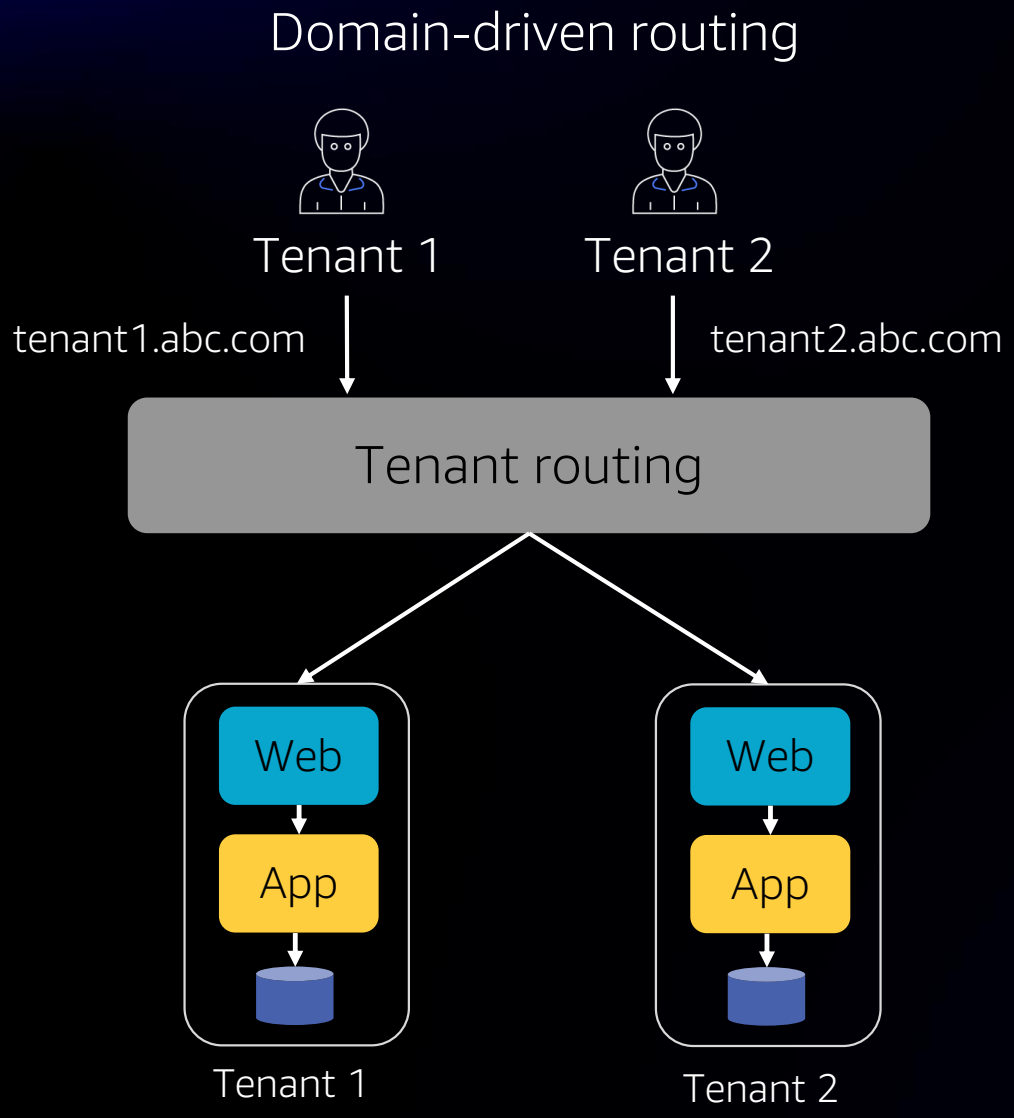
Layered

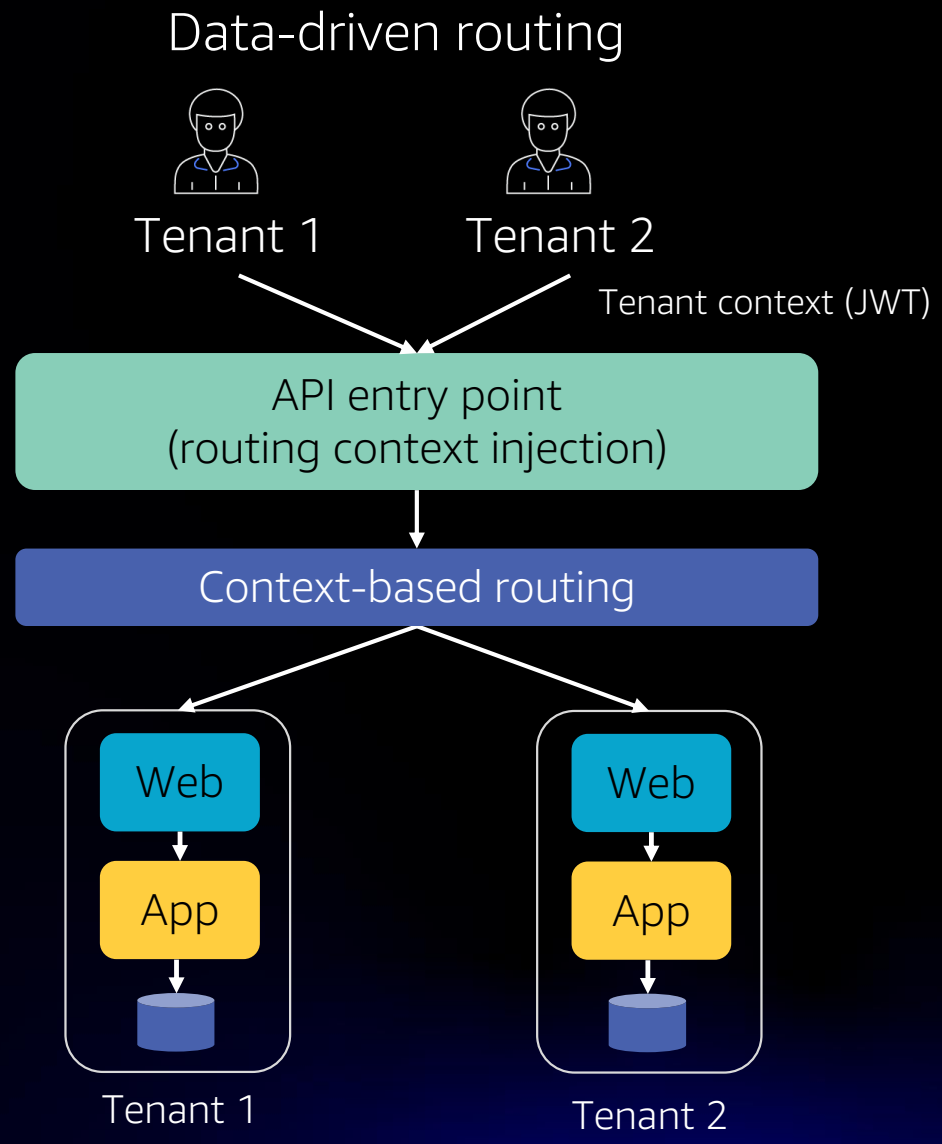


Service-by-service

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Silo tenant routing techniques





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Migration model pros and cons

Silo lift and shift

Pros
- Time to market
- Minimally invasive
- Simpler isolation story

Cons
- Agility / innovation
- Cost
- Manageability

Layered

Pros
- Incremental
- Moderately invasive
- Quick successes

Cons
- Time to market
- Manageability
- Cost

Service-by-service

Pros
- Incremental
- Full modernization
- Scale, availability, agility

Cons
- Time to market
- Data model migration
- Complexity (invasive)

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Additional SaaS sessions

Breakout sessions

ARC306 - SaaS architecture patterns: From concept to implementation

ARC402 – Amazon EKS SaaS deep dive: A multi-tenant EKS SaaS solution

ARC405 - Inside a working serverless SaaS reference solution

GPS 209 - How to grow your SaaS business and drive revenue with AWS Marketplace

Workshops

ARC403 - Hands-on serverless SaaS: Building a serverless SaaS solution on AWS

ARC404 - Hands-on Amazon EKS SaaS: Building a multi-tenant SaaS solution on AWS

Chalk talks

ARC320 – From Monolith to SaaS: Discover the way

ARC401 - Serverless SaaS deep dive: Inside a multi-tenant serverless solution

GPS311 - Building multi-tenant-aware SaaS microservices on AWS

OPN309 – AWS SaaS Boost vNext: Enabling new patterns and extensibility

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Thank you!

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