AWS re:Invent

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

BOA304

We like to move it (to the cloud)!

Isa Huerga Ayza
Manager, Developer Relations
AWS

Memo Döring
Head of Developer Relations LATAM
AWS

Banjo Obayomi
Sr. Developer Advocate, Developer Relations
AWS

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Why migrate to AWS?

31%

Average infrastructure cost savings

43%

Fewer security incidents per year

62%

IT staff productivity boost

3x

More features delivered per year

Sources: IDC (https://pages.awscloud.com/rs/112-TZM-766/images/AWS-BV%20IDC%202018.pdf), Nucleus Research (https://pages.awscloud.com/rs/112-TZM-766/images/the-value-of-improved-availability-security-and-performance.pdf), AWS analysis

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Let’s go on a journey



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Key elements

Scope	Strategy	Timeline
What are you migrating?	Why do you want to migrate?	When do you need to complete the migration?

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Customer migration journey

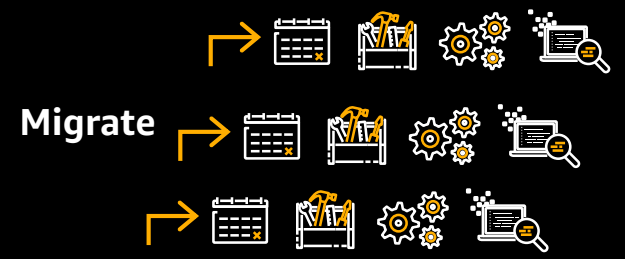
Assess

- Rapid discovery
- TCO calculation
- Briefings & workshops
- Immersion Day

Mobilize

- Discovery & planning
- AWS Landing Zone
- Skills/ center of excellence
- Migration experience
- Business case
- Migration plan
- Operating model
- Security & compliance

Migrate and modernize



- Operate
- Modernize

Create a case for change

Mobilization through experiences

Accelerate migration at scale

aws

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Migration workflow

Migration plan (backlog)

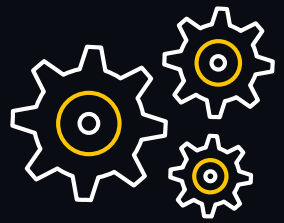


Adopt most suitable patterns based on migration plan



Select the right AWS and partner tools

Migrate



Migrate application

Track



Track application performance

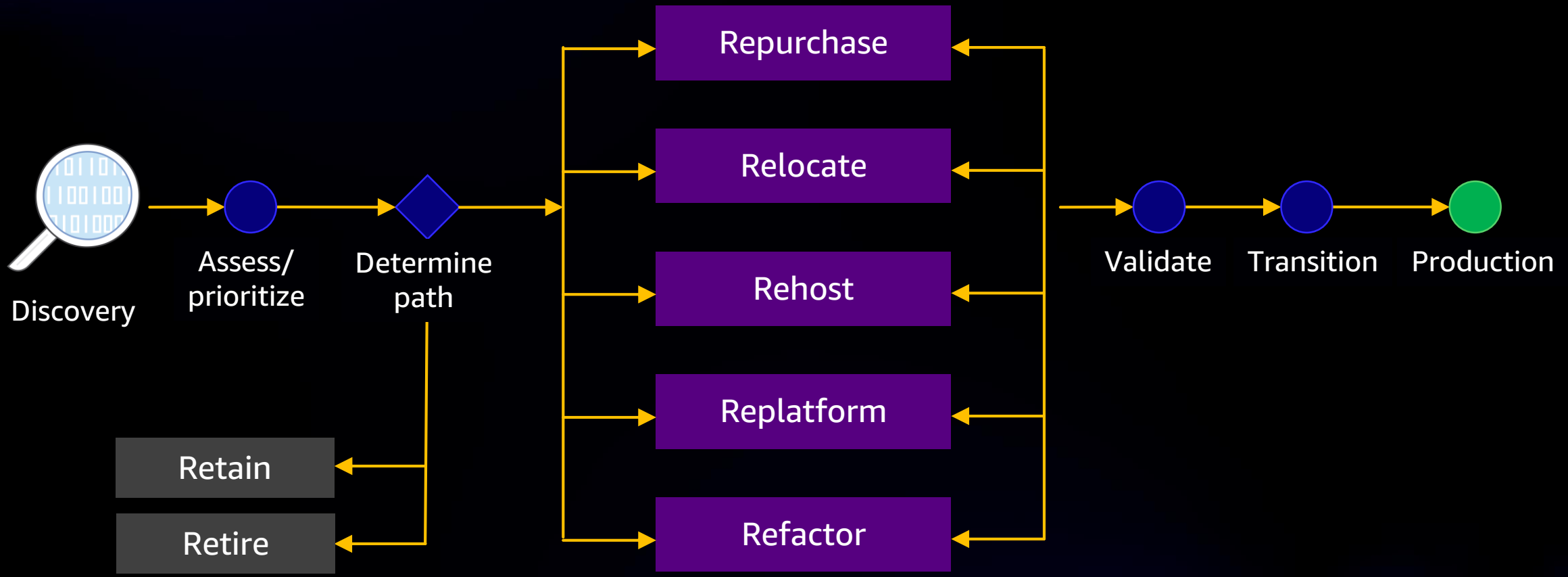
Migration waves



Continue migrating applications in waves

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The 7 Rs

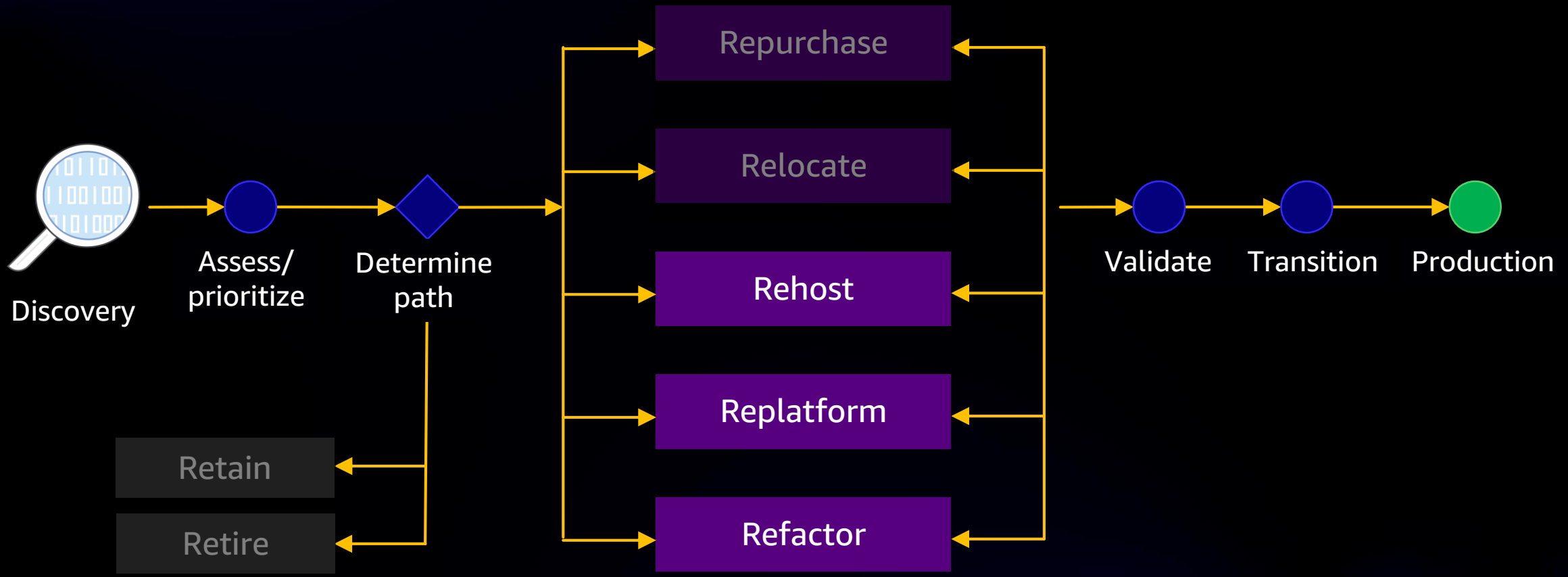


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Workshop (90 minutes)

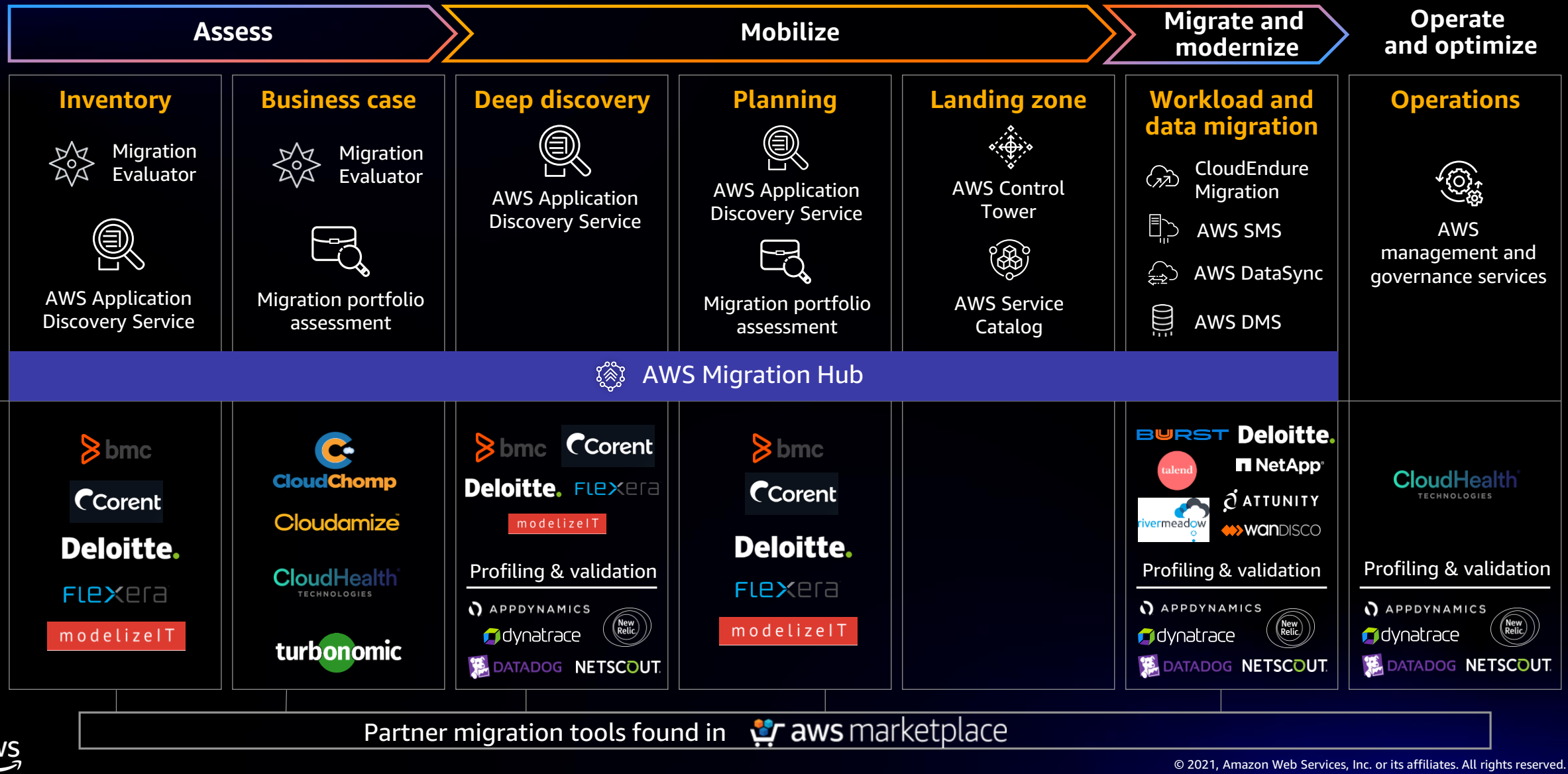
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The 7 Rs



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Rich tool set to support each migration phase



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AWS Migration Competency Partners



- AWS Migration Competency Partners (130+)
- Established AWS migration practice
- At least advanced-level AWS Consulting Partner
- AWS Certifications and certified consultants

Additional resources (I)

- AWS Cloud Migration Center
  https://aws.amazon.com/cloud-migration/
- Overview of the AWS Cloud Adoption Framework (AWS CAF)
  https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/welcome.html
- AWS large-scale migration strategy and best practices
  https://docs.aws.amazon.com/prescriptive-guidance/latest/strategy-large-scale-migrations/welcome.html
- AWS Cloud Economics Center
  https://aws.amazon.com/economics/

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Additional resources (II)

- Best practices for assessing applications to be retired during a migration to the AWS Cloud
  https://docs.aws.amazon.com/prescriptive-guidance/latest/migration-retiring-applications/welcome.html

- Evaluating modernization readiness for applications in the AWS Cloud
  https://docs.aws.amazon.com/prescriptive-guidance/latest/modernization-assessing-applications/welcome.html

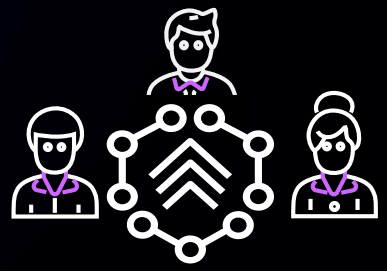
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Related sessions

- **ENT321**
  Incremental application refactoring to increase business agility
- **ENT401**
  Modernize faster using the Strangler Fig pattern on AWS
- **ENT402**
  Stay decoupled when refactoring using multiple AWS accounts

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New service launch



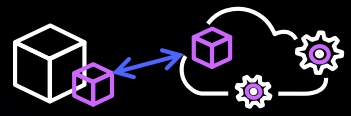
AWS Migration Hub
Refactor Spaces



Reduce the time to setup and manage a refactor environment



Shield infrastructure changes from application consumers



Re-route traffic from old to new across multiple AWS accounts

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Thank you!

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