

Hawai'i Cloud Innovation Summit 2023

Migration Journey from Mainframe to the Cloud

Transforming the business to improve customer service with cloud capabilities

Jeff Masumoto

VP, Solutions & Consulting Services

Datahouse

Stason Rodriguez

Solutions Architect

AWS

Rishabh Doshi

Solutions Architect Manager

AWS



CSEA KEIKI System

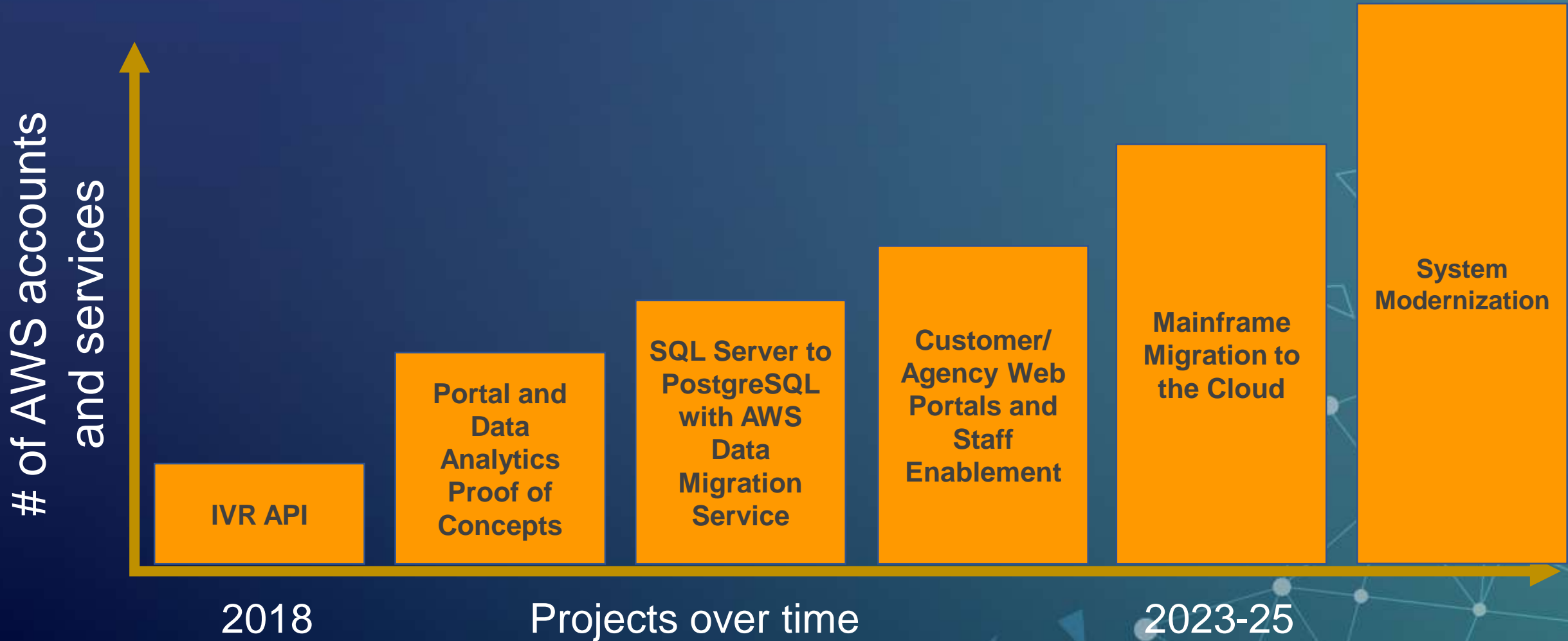


To promote the well-being of children and the self-sufficiency of families through the timely and accurate delivery of Child Support Services, while providing excellence in customer care.

Mainframe Migration ROI

| Mainframe | Cloud |
|-------------------------------------|------------------------------|
| Major upfront CapEx or higher MFaaS | Pay-as-you-go OpEx |
| Legacy skill sets | Modern skill sets |
| Operational support | Business Agility – Innovate! |

CSEA Cloud Maturity



CSEA Staff Enablement



1075 Compliance

The screenshot shows the AWS website's navigation bar with the AWS logo, a search icon, and links for Contact Us, Support, English, My Account, Sign In, and a prominent orange button for 'Create an AWS Account'. Below the navigation bar is a secondary menu with 'AWS Cloud Security' highlighted, followed by Security Services, Use Cases, Compliance, Data Protection, Blog, Partners, and Resources. The main content area features a large heading 'IRS Publication 1075' and an 'Overview' section. The overview includes the IRS logo and text explaining that IRS Pub 1075 provides guidance for US government agencies to protect Federal Tax Information (FTI). It notes that AWS supports organizations by aligning NIST 800-53 and FedRAMP security controls with IRS requirements, and that AWS GovCloud (US) and AWS US East-West regions meet these requirements. A list of 'IRS 1075 Resources' is provided on the right, including links to the IRS Pub 1075 document, encryption requirements, and a whitepaper on compliance in AWS.


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Products Solutions Pricing Documentation Learn Partner Network AWS Marketplace Customer Enablement Events Explore More

AWS Cloud Security Security Services Use Cases Compliance Data Protection Blog Partners Resources

IRS Publication 1075

Overview



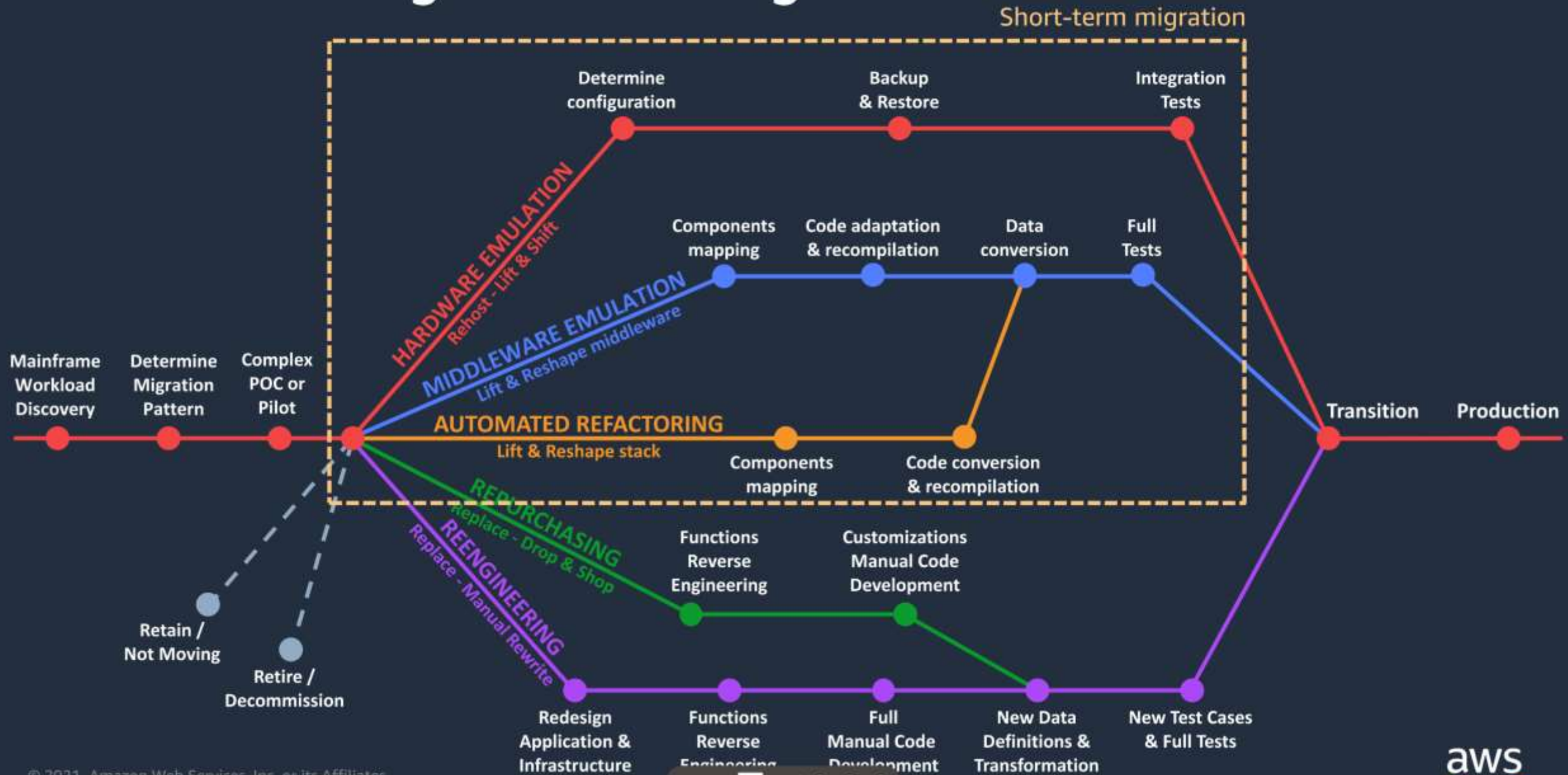
Internal Revenue Service Publication 1075 (IRS Pub 1075) provides guidance for US government agencies and their agents to protect Federal Tax Information (FTI).

While the IRS does not publish an official designation or certification for compliance with Pub 1075, AWS supports organizations to protect FTI managed in AWS by aligning our implementations of NIST 800-53 and FedRAMP security controls with the respective IRS Pub 1075 security requirements. AWS has worked closely with the IRS to ensure that the AWS GovCloud (US) and AWS US East-West regions meet Pub 1075 requirements for storing and processing FTI. Customers can use the whitepaper [Internal Revenue Service \(IRS\) Publication 1075 Compliance in AWS](#) for guidance on their compliance responsibilities as part of the [Shared Responsibility Model](#) as well as how to protect the confidentiality of Federal Tax Information.

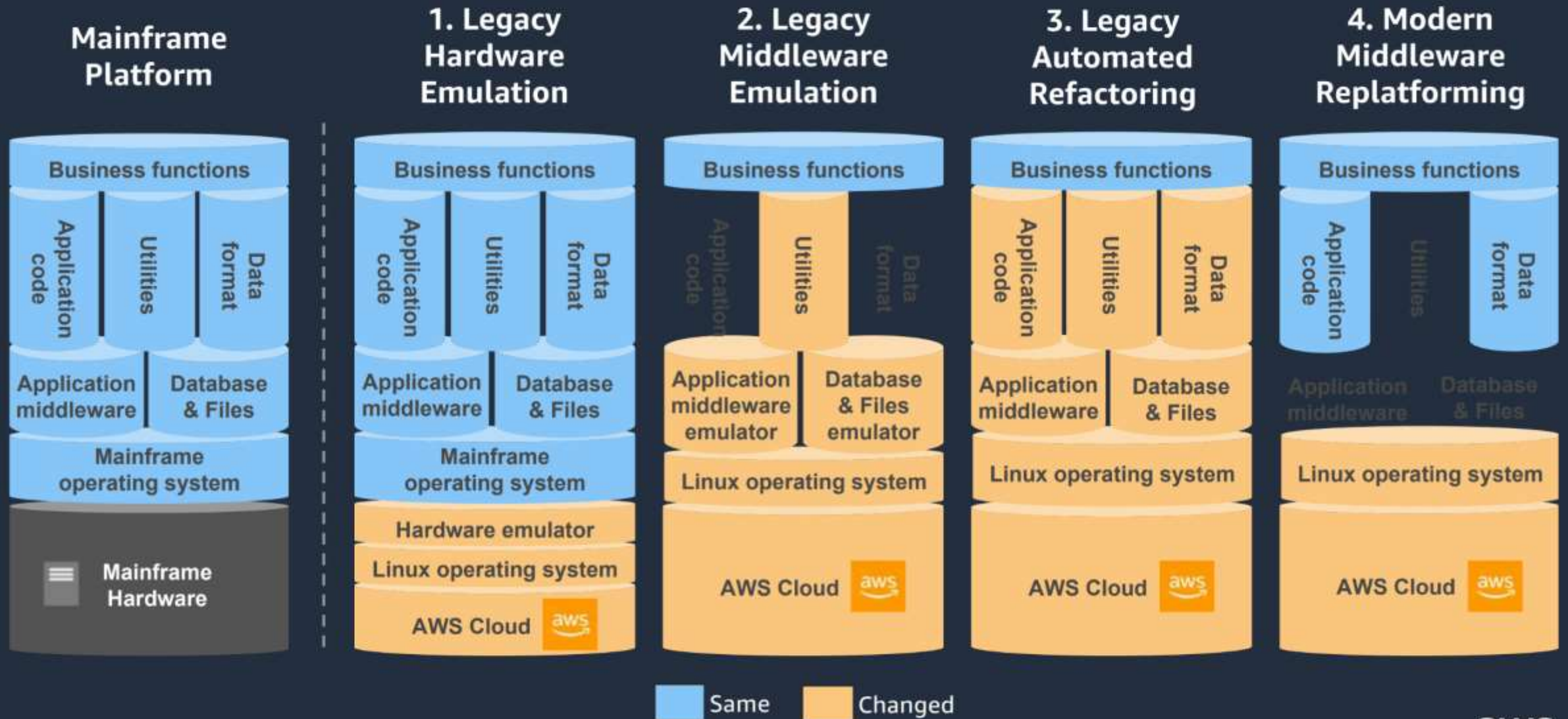
IRS 1075 Resources

- [Internal Revenue Service Publication 1075 \(IRS Pub 1075\)](#)
- [Encryption Requirements of Publication 1075](#)
- [Internal Revenue Service \(IRS\) Publication 1075 Compliance in AWS](#)

Mainframe migration strategies



Mainframe short-term migration patterns



AWS Customer Enablement

AWS Professional Services

Skills and experience from AWS experts to supplement your team

AWS Support

Go beyond reactive break-fix with proactive Support programs

AWS IQ

A marketplace of AWS Certified third-party experts



AWS Managed Services

Offload day-to-day AWS infrastructure management and operation

AWS Training and Certification

Advance your team's skills and build cloud fluency by learning from AWS experts

APN Partners

A global network of APN Partners with deep AWS expertise



AWS Immersion Days

Price: Free.

Where: Virtual or Customer Site

Outcome: unlock business potential and meet key objectives

Audience: Architect, Developer, IT Professional, Operations, or C-Suite

Work with AWS Solution Architects and Service Specialists to understand how AWS is the right choice for your business.

ImmersionDays leverage presentations and hands-on labs in the AWS Service(s) of your choice to get the real feel of “how it works”.

Choose from 100+ ImmersionDays across 20+ domains.

What is the AWS Well-Architected Framework?



Pillars



Design principles



Questions

Pillars of the AWS Well-Architected Framework



Review Process

Identify a significant workload

Prepare for review

Review architecture

Review results and improvement plan

Create a plan to fix high risk issues



AWS Support - Technical and Business

- Child Support Enforcement Agency Specialist
- Compliance Specialist – IRS 1075
- Mainframe Migration Specialist
- ONE Team (AWS; CSEA; DataHouse)

Modernizing mainframe unlocks business value

As customers modernize and migrate mainframe workloads to cloud, they are looking for ways to get a better value for their modernization efforts based on the following key drivers that drive their migration to cloud



Financial outcomes

Mainframe operating and maintenance costs are rising faster than those for any other form of computing



Business risk reduction

Limited scalability, competitiveness, and constrained customer responsiveness. MIPS are a finite resource



Legacy skill shortage

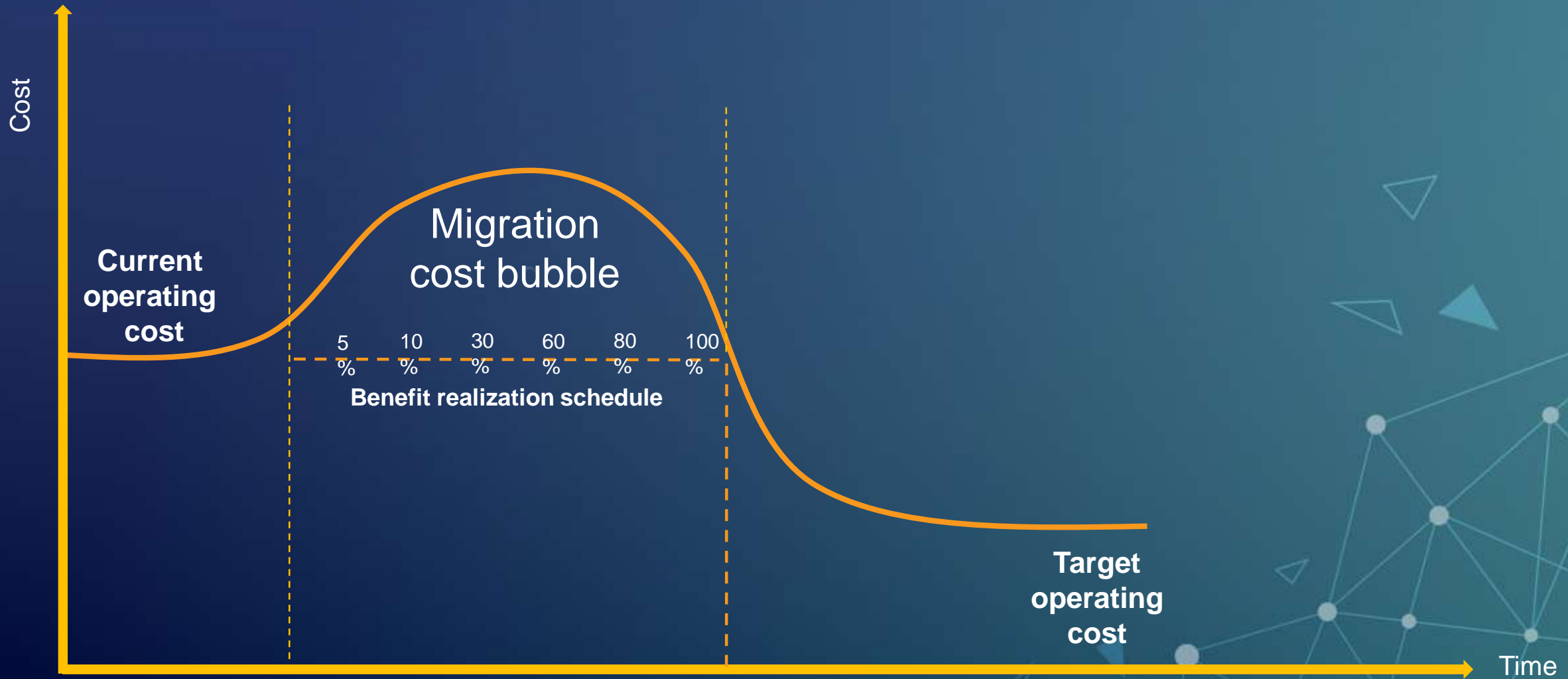
Aging workforce maintaining legacy applications, creating a need to modernize and migrate mainframes to reduce cost, technical debt, and operational complexity



Agility and insights

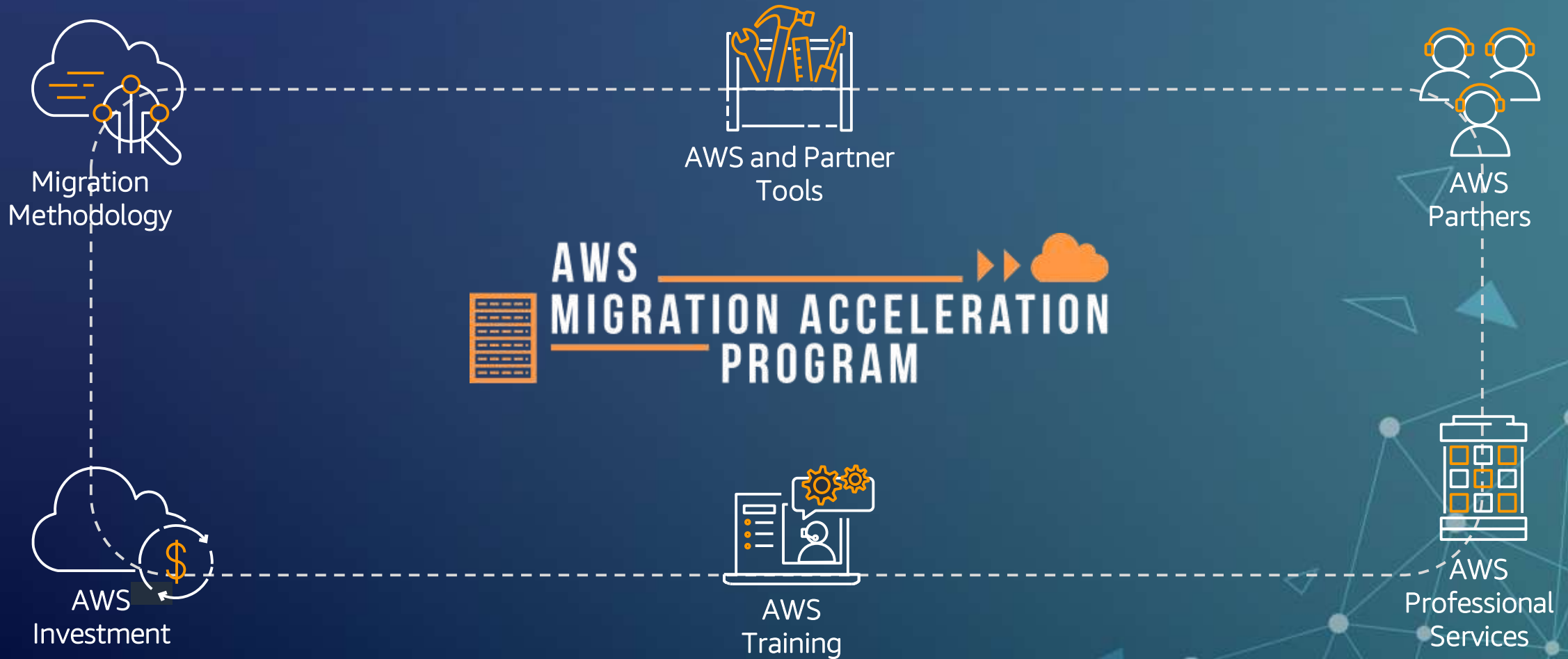
Accelerate time to market, gain visibility to legacy data, and apply advanced analytics capabilities to uncover key business insights

Migration Cost Bubble



Migration Acceleration Program (MAP)

Flagship AWS program to help customers migrate and modernize to AWS using a proven approach



Using a proven framework greatly increases your speed to market

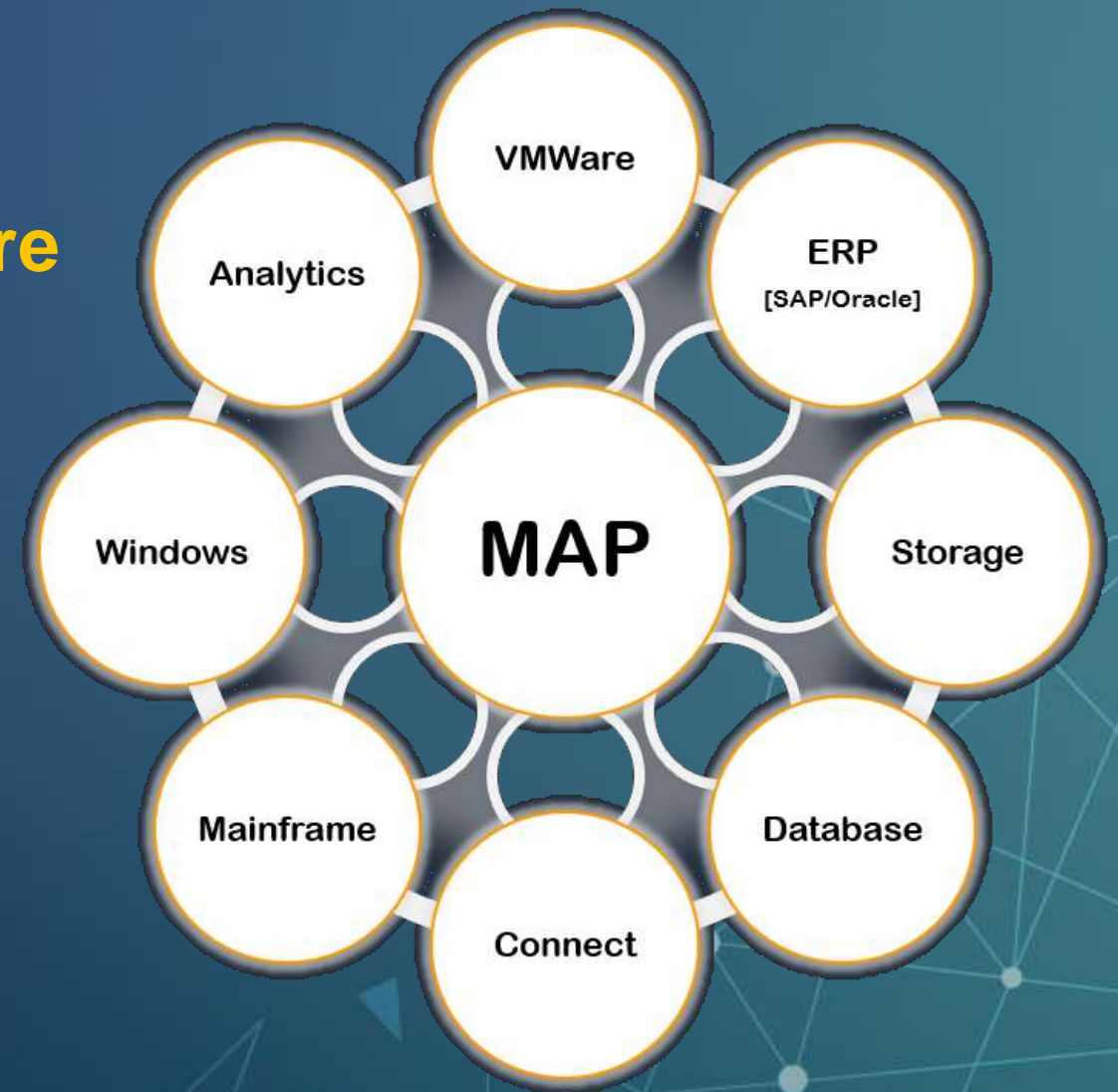
MAP Phases



MAP for Specialized workloads

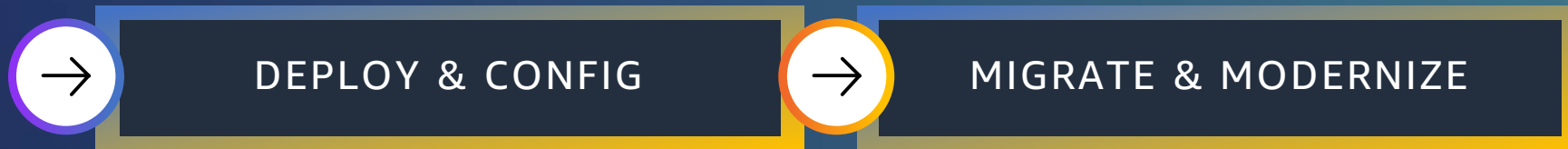
AWS supports you with one or more of the following:

- Specialized services and tools
- Proof of concept investments
- Advisory and technical guidance
- Curated training



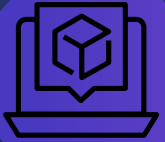
LZAP Partner Funding Benefits

Landing Zone Accelerator on AWS for Industry Program (LZAP) funding is designed to help our customers cover costs to not only deploy and configure the LZA solution, but also take their first step in migrating a first workload.



| | | |
|------------------------------------|--|--|
| <p>\$300k ARR or Lower</p> | <p>30% of post migration ARR (max of \$90K) in cash.</p> <p>Above \$300k ARR LZA opportunities should consult the MAP program</p> | <p>15% of post migration ARR (max of \$45K) in cash.</p> <p>Above \$300k ARR LZA opportunities should consult the MAP program</p> |
|------------------------------------|--|--|

Learn in-demand AWS Cloud skills



AWS Skill Builder

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Deepen your skills with digital learning on demand



Train now



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Receive Foundational, Associate, Professional, and Specialty certifications

Join the **AWS Certified community** and get exclusive benefits



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Gain free, hands-on experience with the AWS platform, products, and services

Types Of Offers

Explore more than 100 products and start building on AWS using the Free Tier. Three different types of free offers are available depending on the product used. Click icon below to explore our offers.



Free trials

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12 months free

Enjoy these offers for 12-months following your initial sign-up date to AWS



Always free

These free tier offers do not expire and are available to all AWS customers

Feedback Please!



URL: <https://www.pulse.aws/survey/WSJTSC1F>

Jeff Masumoto | VP | DataHouse

Email: jeff_masumoto@datahouse.com

Stason Rodrigues | Solutions Architect | AWS

Email: stasonr@amazon.com

Rishabh Doshi | Solutions Architect Manager | AWS

Email: rishdosh@amazon.com

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Thank you!

