

Driving a successful cloud migration using minimum viable refactoring



Mike Eshoo
AWS Managed Services
Technical Delivery Manager



Ajit Zadgaonkar
AWS Professional Services
Global DevOps Practice Leader

The three phases of cloud adoption:

Foundation, migration, and operation



The migration spectrum

Lift and shift

The fastest, easiest approach but not optimized

AWS Well-Architected Framework

Optimized and designed to scale

“Minimum viable refactoring”

The fastest path to the cloud

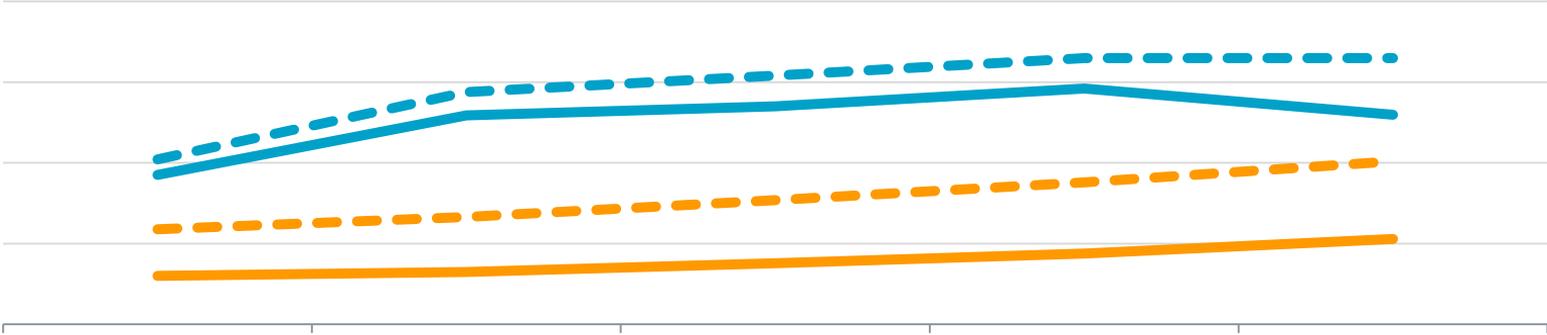
Minimum viable refactoring—a balanced path to getting incremental cloud benefits for existing workloads

Known as the “two-week rule”

Starting early and continuous refactoring

- On-Premises Cost (Original Forecast)
- On-Premises Cost (Updated Forecast)
- AWS Cost (Original Forecast)
- AWS Cost (Updated Forecast)*

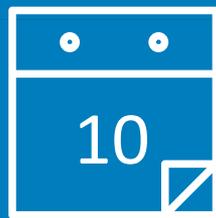
*Additional 39% savings identified 10 months into migration



The two-week rule:

Refactoring your applications for the cloud in 10 days

A 10-day,
5-step process



Step 1: Days 1 and 2 (review and update plan)

Focusing on validating information for completeness and accuracy

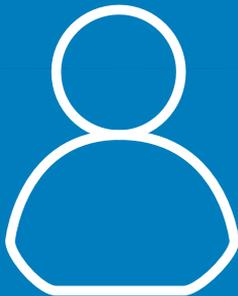
Leveraging AWS
resources



Step 2: Days 3 and 4 (cleanup)

Automating discovery and remediation of problems

Using purposeful
refactoring



Step 3: Days 5 and 6 (“cloudify” applications)

Refactoring configurations for the cloud

Ensuring systems are
properly using
services



Step 4: Day 7 (deploy and observe)

Deploying the
application on AWS



Step 5: Days 8, 9, and 10

(bake, burn, crash, restart, and fine-tune for the cloud) Testing and re-baselining applications

Rubber meets the road



Onboarding: Getting ready for minimum viable refactoring

The AMS onboarding process

- 120 days
- Three phases: foundation, migration, and operation



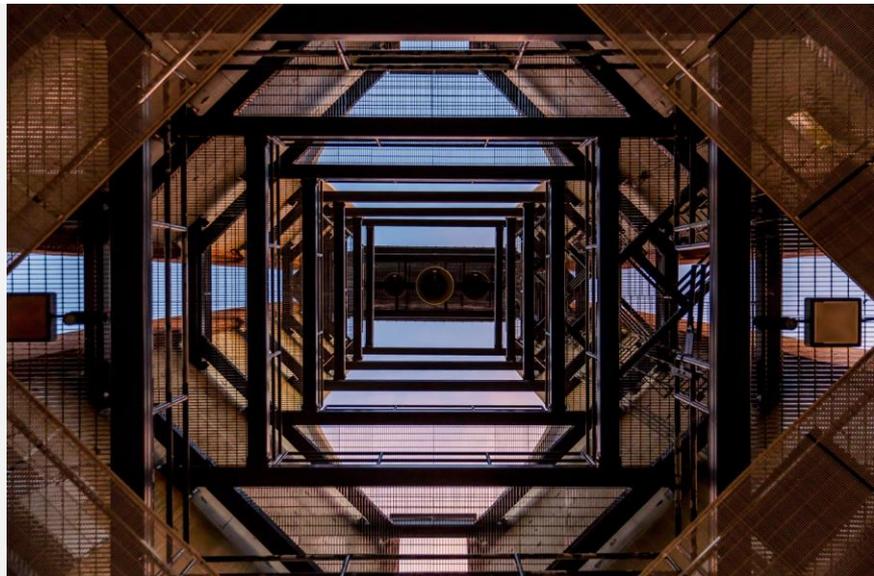
Process overview

- Provisioning and configuration management
- Incident resolution and monitoring
- Change control
- Patch management
- Security and access management
- Backup and restore
- Reporting



The production-ready framework for onboarding

- Guides customers through security, compliance, and governance decisions
- Ensures a smooth transition from migration to operation and time-to-value
- Assists customers through decisions and actions to ensure they are production-ready



Platform adoption stages



Foundation: Getting to production-ready

Customer Pain Point	Customer Gain	Consequence If Avoided
120 days is too long and expensive.	The AMS onboarding process ensures that all IT domains are aligned and compliant and that the landing zone is designed for operating efficiency.	The landing zone is not production-ready.

Goal	What It Takes to Achieve	Explanation
Federated access-Domain-joined access	Users have to federate/authenticate in to the console to interact with AMS and move through domain-joined bastions	Non-standard controls, hard to implement governance and compliance

Migration: Tooling standardization

Customer Pain Point	Customer Gain	Consequence If Avoided
No straight "lift and shift"; customer must adopt AMS tools.	AMS can leverage a standard tool set that enables automation.	Inefficient operations managing multiple tool chains for undifferentiated heavy lifting.
Change management interface vs. native CloudFormation or AWS APIs.	Automated, systematic handover from migrations/dev to operations. Preventive control over the environment.	Environment breakage and increased incident resolution times. Customized controls for compliance management.

Operation: Meeting migration goals

Goal	What It Takes to Achieve	Explanation
Operational excellence	Organizational alignment: ensures that all IT domains are aligned. Responsible party for rigorous continuous Improvement	No one owns cost, security, performance optimization, so it doesn't happen. Adopting a cloud model is a significant change and alignment ensures operational excellence.

Thank you for attending:

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