



The AWS Mobilize Phase

30-May-2023

Agenda

1. Workstreams
2. Business Case
3. Application Portfolio, Discovery and Planning
4. Migration Governance
5. Operating Model
6. Landing Zone



Speakers



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Phases of Migration



Assess

- Business Case
- Gather Inventory
- Gather Documentation
- Identify Dependencies
- Estimate costs
- Select Migration Paths



Mobilize

- Prepare Landing Zones
- Plan Migration Groups
- Prepare Migration Tools
- Prepare connectivity or Transfer devices
- Recrute/Train Resources

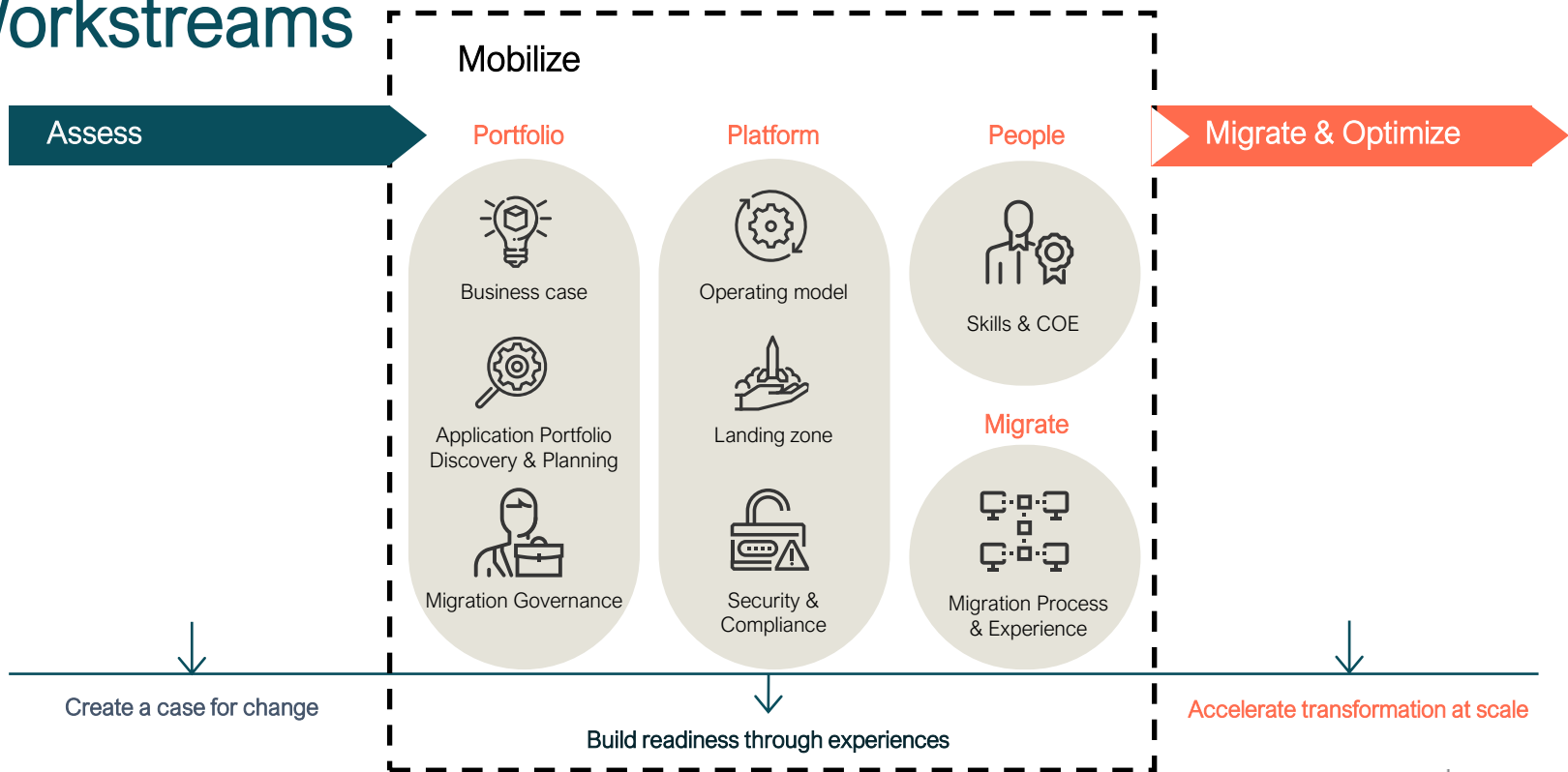


Migrate

- Lift and shift
- Database Migration
- Modernization / Transformation
- Data Migration

MOBILIZE PHASE

Workstreams



References:

- AWS Docs: <https://docs.aws.amazon.com/prescriptive-guidance/latest/strategy-migration/mobilize-phase.html>
- AWS Whitepaper: <https://docs.aws.amazon.com/prescriptive-guidance/latest/strategy-migration/strategy-migration.pdf>

Business Case



Objectives

- Migration costs
- Estimate savings
- Business benefits
- Migration Length
- Determine workloads
- Detailed inventory



Outcomes

- Business case
- Migration costs

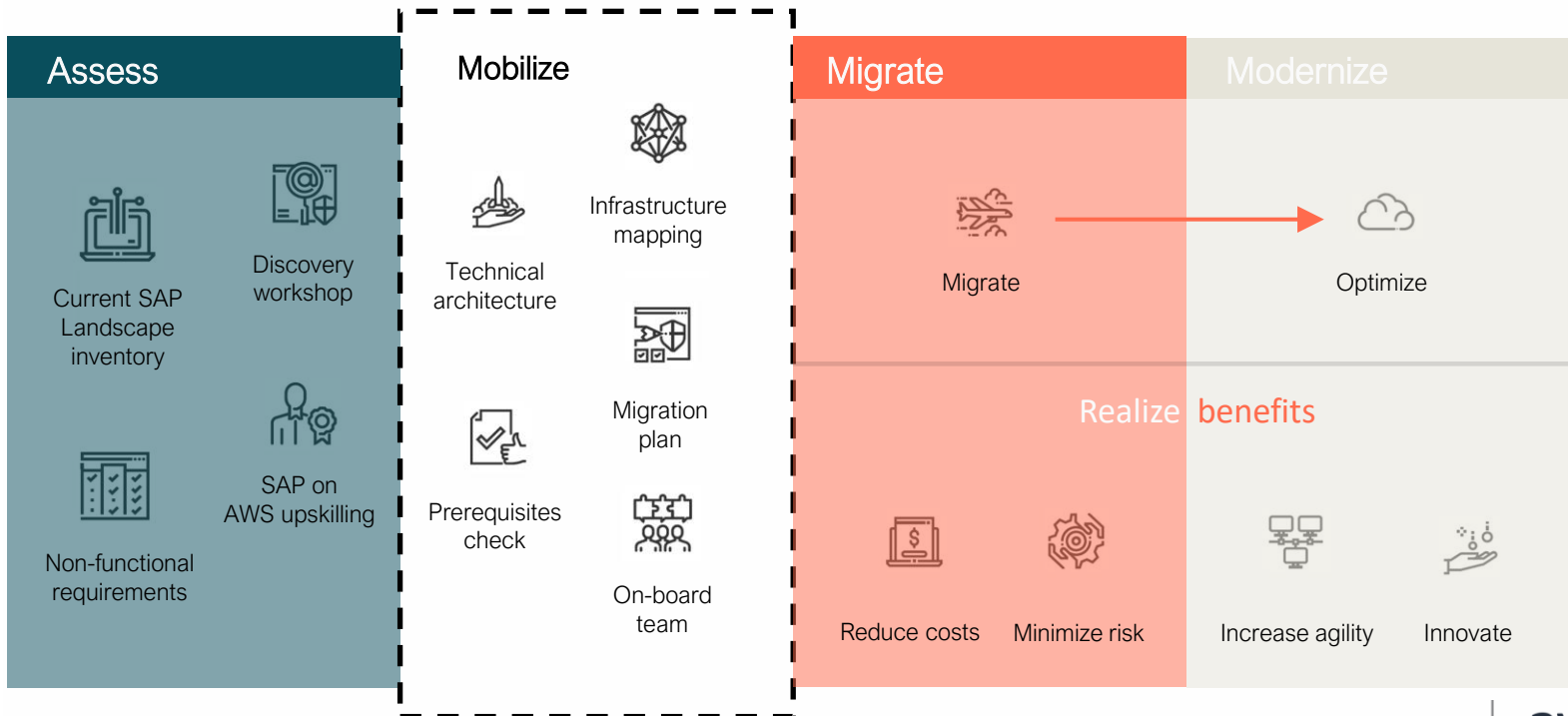


AWS Partners

- Tools and experience



SAP on AWS Migration Overview



Objectives-Activities | I/O

Objectives

- Blueprint
- Migration plan
- Finalize Landing Zone
- Migration teams

Activities

- Requirements
- Map workloads
- Tooling and integrations
- Architecture
- Migration plan
- Onboard teams

Inputs

- Assessment phase outputs
- Detailed requirements
- Best practices

Outputs

- Migration plan and RACI
- Technical approach
- Architecture
- Landing zone
- Infrastructure as code (IaC)



Project Team Example

AWS resources

- SAP engagement manager
- SAP practice manager
- SAP technical consultant
- Cloud infrastructure consultant
- Security consultant

Customer core IT resources

- SAP migration manager
- Security lead
- Networks lead
- SAP application owners

AWS partner resources

- SAP project manager
- SAP Basis administrator – onshore
- SAP Basis administrator – offshore
- SAP ABAP/Java developer
- SAP PI consultant
- SAP testing



Application Portfolio Discovery & Planning



Objectives

- Migration groups
- Data collection tools
- Migration drivers and portfolio plan
- Migration plan
 - Current state
 - Dependencies
 - App criticality
 - Group apps and infra
 - Migration readiness
 - Migration schedule



AWS partners and tools

- Understanding of IT portfolio with AWS partners
- AWS Application Discovery Service



Outcomes

- Migration sprints
- Group and Schedule entire application portfolio



Migration Governance



Objectives

- Scrum teams
- Identify applications
- Review PMO capabilities
- Methods and tools
- Identify teams
- Project charter and procedures



Outcomes

- Set up an agile program
- Provide implementation plans for:
 - discovery
 - transformation
 - deployment of complex sets of workload components



AWS Partners

- AWS Migration Competency Partners
- Managed service providers (MSPs)



Operating Model



Objectives

Create a roadmap for operational constructs to scale on AWS:

- Identify ITSM state and support model
- Operational practices
- Potential vulnerabilities
- Business continuity planning
- Impact on normal operations
- Operational support



AWS Partners and tools

- AWS Partners
- Tools and experience



Outcomes

- Improved SLAs and OLAs
- Runbooks and design guides
- Operational playbook on AWS
- BCP/DR playbook
- ITSM on AWS documented and defined



Landing Zone



Objectives

- Create a landing zone with an initial configuration for the following:
 - Account structure
 - Network structure
 - Predefined identity and billing frameworks
 - Predefined user-selectable packages
 - Ability to customize and configure



Outcomes

- A defined and secure landing zone ready for migration and further customization



MOBILIZE PHASE – PLATFORM

Security, Risk & Compliance



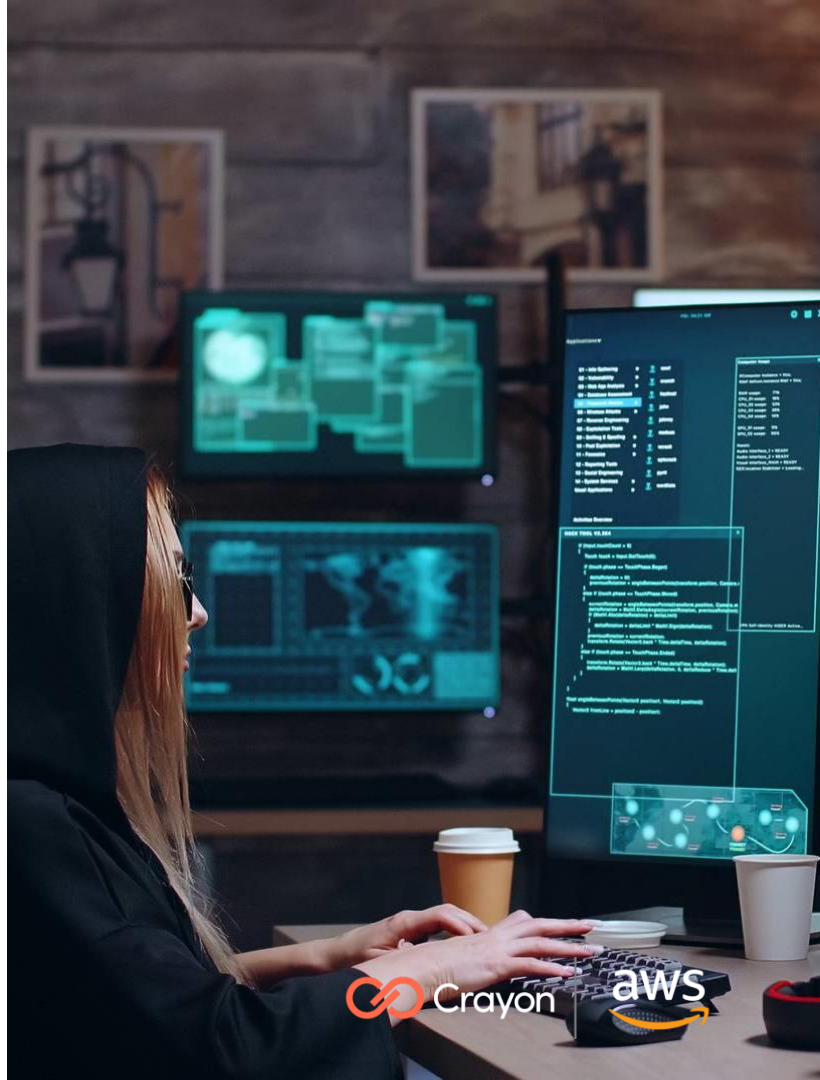
Objectives

- Identity and access management
- Detective controls
- Network and App Protection
- Data protection
- Incident response
- Compliance



Outcomes

- Control Environment
- Monitoring and Assurance
- Guardrails for security baseline
- Automated Response to anomalies and deviations



MOBILIZE PHASE – PEOPLE

Change, Skills & COE

Objectives

- Teams for Cloud
- Executive sponsorship
- Cloud Governance Model
- Target organization structure
- Risk Mitigation
- Training

Outcomes

- Change management risk document & Impacts
- Organizational acceleration charter
- Key Stakeholder mapping

OCM 6-point Framework & Essentials Toolkit

1	2	3	4	5	6
Mobilize team	Align Leaders	Envision the future	Engage the organization	Enable Capacity	Make it stick
1.1 Develop OCM Program Charter	2.1 Leadership Alignment	3.1 Create Change Strategy & Plan	4.1 Execute Change Management Plans	5.1 Rewards & Recognition	6.1 Establish Feedback Loop
1.2 Value Driver Analysis	2.2 Stakeholder Assessment	3.2 Communications Strategy & Plan	4.2 Deploy Communications Plan	5.2 Workstream & Role Redesign	6.2 Adoption Management Checklist
1.3 Establish Governance	2.3 Impact Assessment	3.3 Engagement Strategy & Plan	4.3 Deploy Engagement Plan	5.3 Discuss Gaps Manage Resistance	6.3 Post Implementation Sustainability Plan
1.4 Establish Project team structure	2.4 Organization Readiness Assessment	3.4 Training Strategy & Plan	4.4 Deploy Training Plan		
1.5 Define Projects Goals & Objectives		3.5 Risk Mitigation Strategy & Plan	4.5 Monitor & Manage Risk Mitigation		
1.6 Establish Future State		3.6 Develop Sponsor Roadmap			
1.7 Define Business Metrics		3.7 Develop Sustainability Plan			
1.8 Define Budget					

Migration Process



Objectives

- Select and Prioritize
- Best Practices
- Validate Runbook, Playbook
- Train Internal Staff on AWS
- Learn Migration tools
- Use Migration patterns



Outcome

- Validate Landing Zone
- Validate operating model
- Learn migration patterns
- Understand Target Architectures
- Hands-on migration experience



AWS partners and tools

- Migration Delivery Partners
- Migration Marketplace Partners
 - Tools and services such as:
 - Application Migration Service
 - AWS DMS



AWS Partner Status



- Immersion day
- Solution Provider
- ML Services Competency
- IoT Services Competency
- DecOps Services Competency
- Migration Services Competency
- Public Sector Solution Provider
- Well-Architected Partner Program
- AWS Microsoft Workloads Services Competency



- Over AWS 150 certificates **with named specialists located worldwide**
- One of 20 global companies **with Tier Services Partner and Migration Competency Consulting Validation**
- Own IP **and application frameworks to better run AWS environments**
- Joint Investment with AWS **in growth and partnership**



Questions?

