



Cloud Adoption Expert: Ensure the success of cloud migrations

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Modern business in the cloud is the **new normal**

Today's world reflects a new reality:

Technology is ever-present through the cloud, offering easy access to digital services...

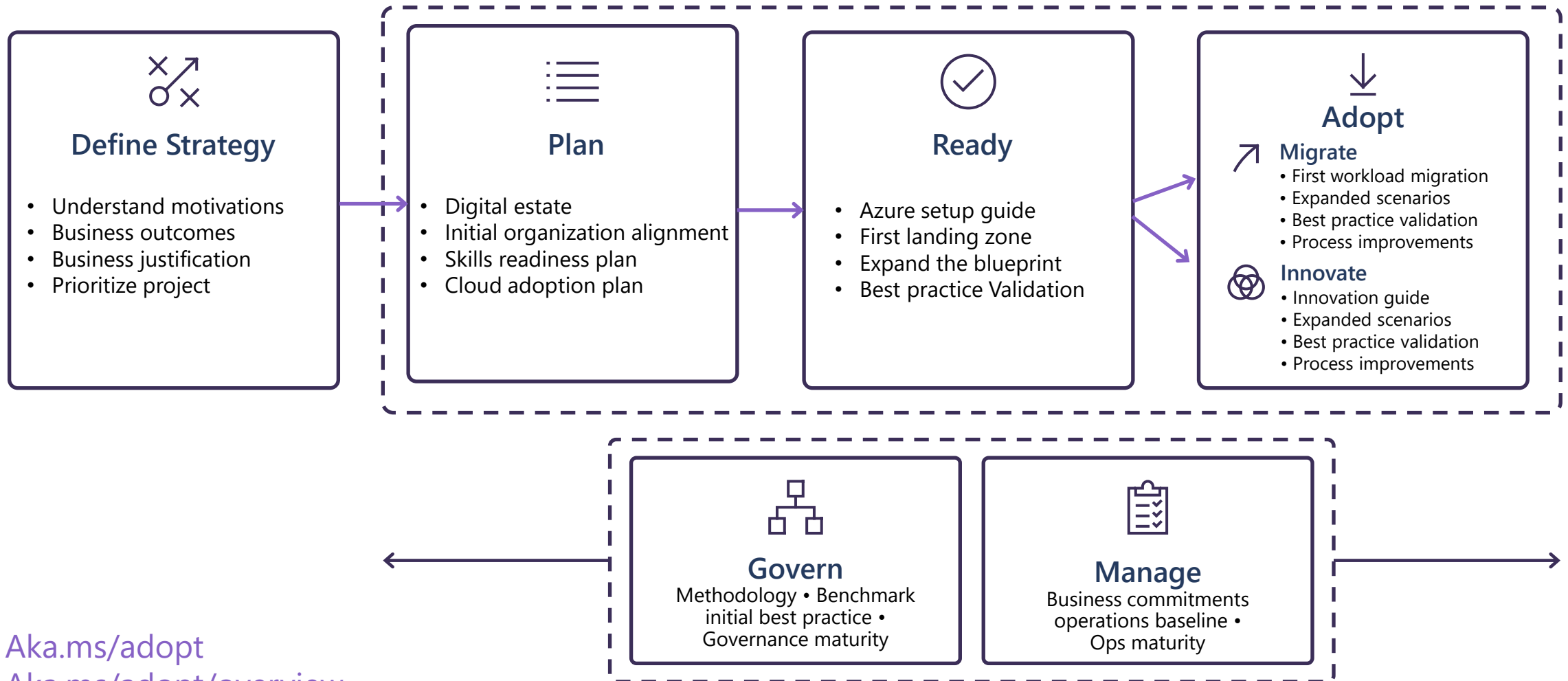


Capitalizing on this shift is key for the organization's innovation and growth



Microsoft Cloud Adoption Framework for Azure

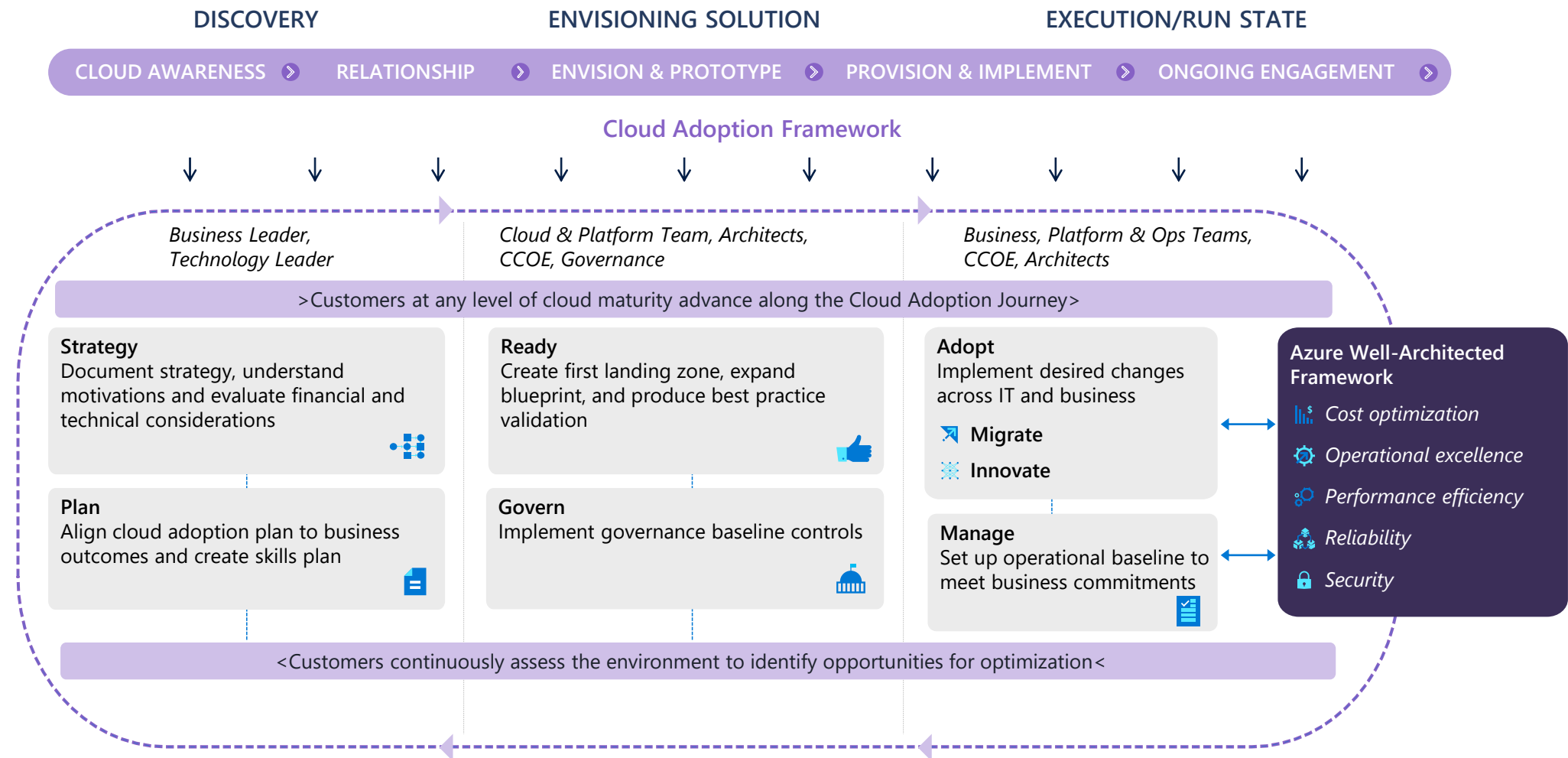
Modular approach, meeting the customer in their journey



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The opportunity

Guiding the customer cloud journey



Partners bring scale and consistency to their cloud approach

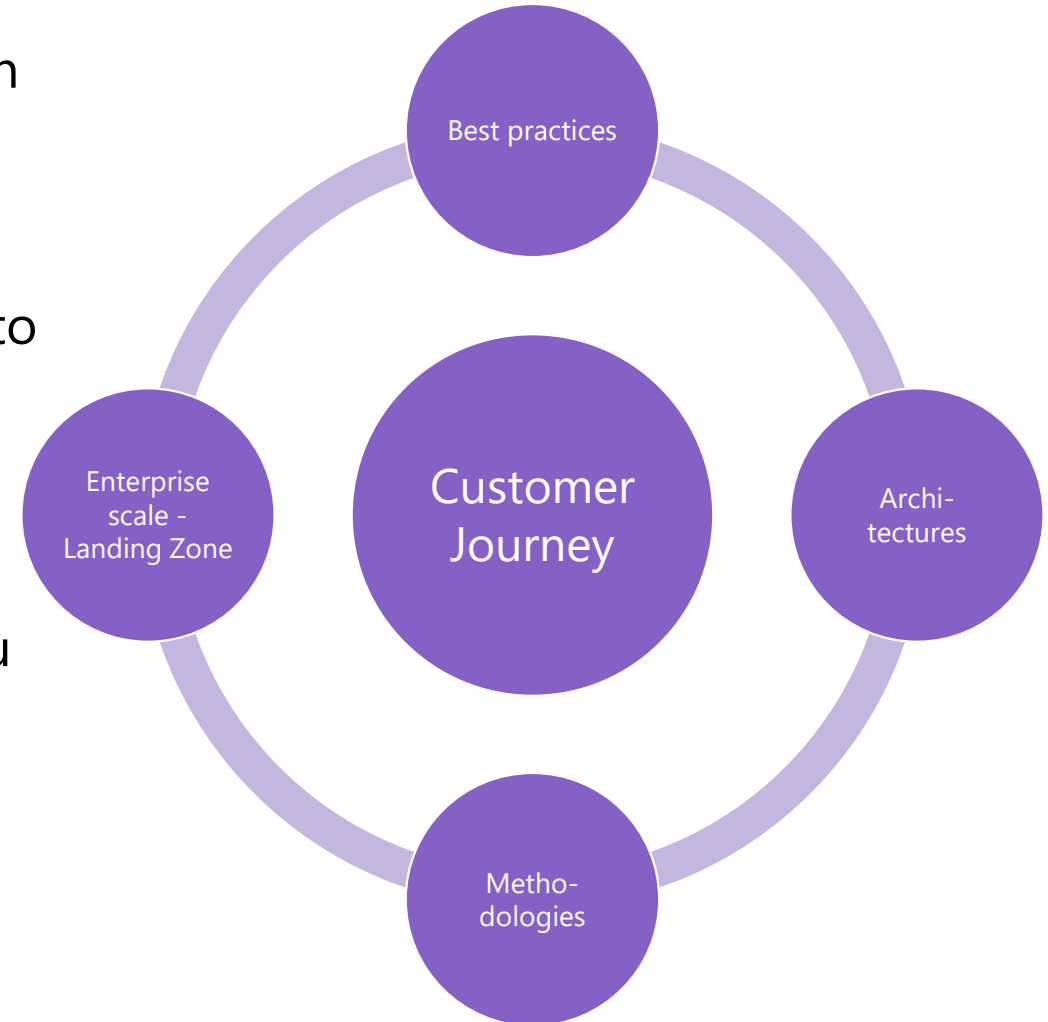
How Partners can use the Cloud Adoption Framework



Why become a CAF Expert?

The Microsoft Cloud Adoption (CAF) Framework is an **iterative approach** to support the **digital transformation journey** of an organization. It gives a collection of **best practices**, **architectures** and **methodologies** to ensure the **integration** of **cloud** into this journey .

Having **CAF Experts** in your organization enables you as a partner to become a **trusted advisor** for your customers on their journey to cloud. **Continuously generate** more **business** with your **customers** along the **iterative journey** of the digital transformation!



CAF Expert Learning Path

CAF 101

Module 1 CAF BASIC

Microsoft Cloud Adoption Framework (CAF)
Strategy, Plan, Ready, Govern, Manage, Secure

2hr **Online Training**

- [Module 1](#) CAF Intro
- [Module 2](#) WAF Intro

CAF 101

- 2-Day CSA-Led Training

Certifications Required
AZ-900

Module 2 CAF Migration

Microsoft Cloud Adoption Framework (CAF)
Strategy, Plan, Govern

CAF Hackathon **Basic**

- 1-Day Hackathon

Certifications Required
AZ-900

Module 3 CAF Advanced

Microsoft Cloud Adoption Framework (CAF)
Migrate

1hr [Online self paced Training](#)
Apps & Infra migration and modernization

CAF Hackathon **Migration**

- 2-Day Hackathon

Certifications Required
Min. AZ-104
Rec. AZ-500 + AZ-305

Module 4 Well Architected (WIP)

Microsoft Well Architected

1 Module **Online Training**
5 Modules **CSA-Led Training**
~8hrs

WAF Assessment

- 0,5 Days Hackathon

Certifications Required
Min. AZ-104 + AZ-305
Rec. AZ-500 + AZ-700

CAF Expert Level

Well-Architected

CAF 101

Target roles:

- All roles interacting with Azure

Description

During this activity, all participants will learn how to leverage the Cloud Adoption Framework to:

- Identify where their customers' organizations are in the digital transformation journey
- Identify triggers and opportunities for cloud adoption
- Recognize the components needed to develop a digital transformation strategy around business, people, and technology.

Agenda

Day 1 (7h)

Antipatterns to avoid
Tools & Templates
Strategy, Plan, Ready

Day 2 (7h)

Adopt, Govern, Manage, Secure

Azure Services and related products

- Cloud Adoption Framework

Prerequisites

- Azure Knowledge (min. AZ-900)

Why should I do this?

Having CAF experts in a partner organization enables the partner to become a trusted advisor not only for their customers on their journey to cloud, but also to Microsoft field teams.

These "experts" can continuously generate more business with customers along an iterative journey of digital transformation.

Hackathon

CAF Basic

Target roles:

- Tech. Sales
- Consultants
- Architects

Hackathon Description

This CAF Hackathon enables attendees to understand and get familiar on how the [Microsoft Cloud Adoption Framework for Azure \(CAF\)](#) can be applied with their customers. This hackathon walks through the Define Strategy and Plan phases of the CAF to support attendees in leading a client engagement that is considering moving their digital assets to Azure.

By the end of the [CAF Hackathon](#), attendees will have built a cloud adoption plan that they can use to [present](#) to a [customer's C-Suite](#) to justify adopting the cloud. The purpose of this exercise is to provide you with the tools and understanding that will complement the conversations attendees may be having with their customers.

Hackathon Agenda

Day 1 (5h)

- [Introduction](#)
- [Challenge 1 – 3](#)
Strategy, Govern, Plan

Day 2 (4h)

- [Challenge 4](#)
Prepare Presentation
- [Presentation](#)

Azure Services and related products

- Cloud Adoption Framework
- Azure Migrate

Prerequisites

- Azure Knowledge (min. AZ-900)
- Azure Subscription with owner rights

Challenge 1 - Strategy

- Document motivations and benefits for moving to the cloud.
- Establish clear business outcomes, by key stakeholders or decision-makers, that align with your motivations.
- Define your business case by capturing a business justification through a financial model to project business impact.

Challenge 2 - Governance

- High-level governance structure
- Skills readiness path; capabilities required for managing their cloud environment
- Cloud adoption team verified (RACI)

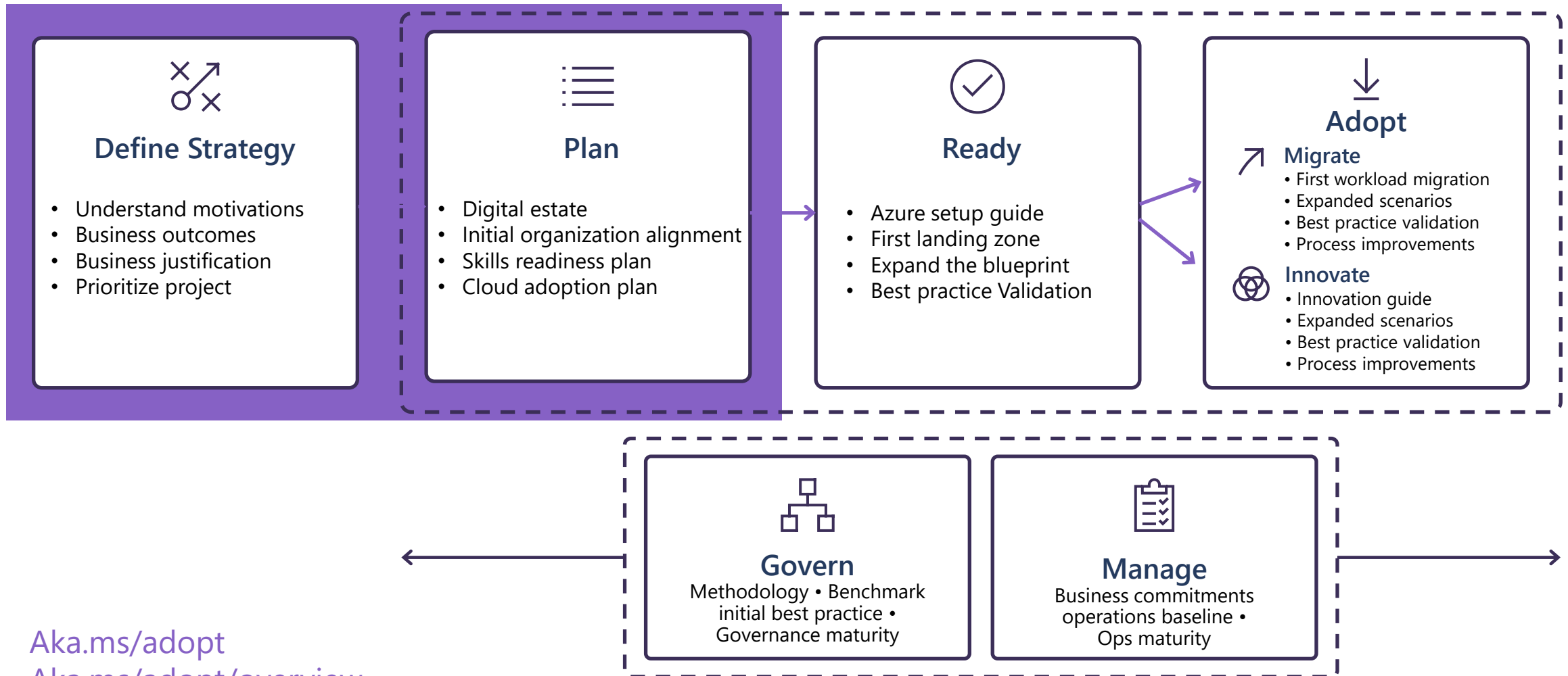
Challenge 3 - Building the Plan

- Take inventory of your digital estate
- Understanding cloud costs

Challenge 4 - Presenting the plan to the customer

Microsoft Cloud Adoption Framework for Azure

Modular approach, meeting the customer in their journey



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Hackathon

CAF Migrate

Target roles:

- Consultants
- Architects

Hackathon Description

In this workshop, you will learn how to **design a migration strategy** for on-premises environments to Azure, including the migration of virtual and physical services as well as databases.

At the end of this workshop, you will be better able to rationalize the **migration of various workloads to Microsoft Azure** as well as understanding how to determine the cost of hosting migrated workloads in Azure.

Hackathon Agenda

Day 1 (8h)

- **CAF Migrate**
Methodology, Tools
- **Whiteboard Design Session**

Day 2 (6h)

- **HOL**
- Discovery and Assessment
- Migrate Application Database
- Migrate Application

Azure Services and related products

- Azure Migrate
- Azure Site Recovery
- Azure Database Migration Service
- Microsoft Data Migration Assistant

Prerequisites

- AZ-900, AZ-104, AZ-500, AZ-3xx
- Azure Subscription with owner rights
- CAF Basic

Part 1 – Whiteboard Design Session (WDS)

In this whiteboard design session, you will look at how to design an Azure migration for a heterogeneous customer environment. The existing infrastructure comprises both Windows and Linux servers running on both VMware and physical machines and includes some legacy servers. Throughout the whiteboard design session, you will look at the various options and services available to migrate heterogeneous environments to Azure.

At the end of this workshop, you will be better able to design and implement the discovery and assessment of environments to evaluate their readiness for migrating to Azure using services including Azure Migrate and Azure Database Migration Service.

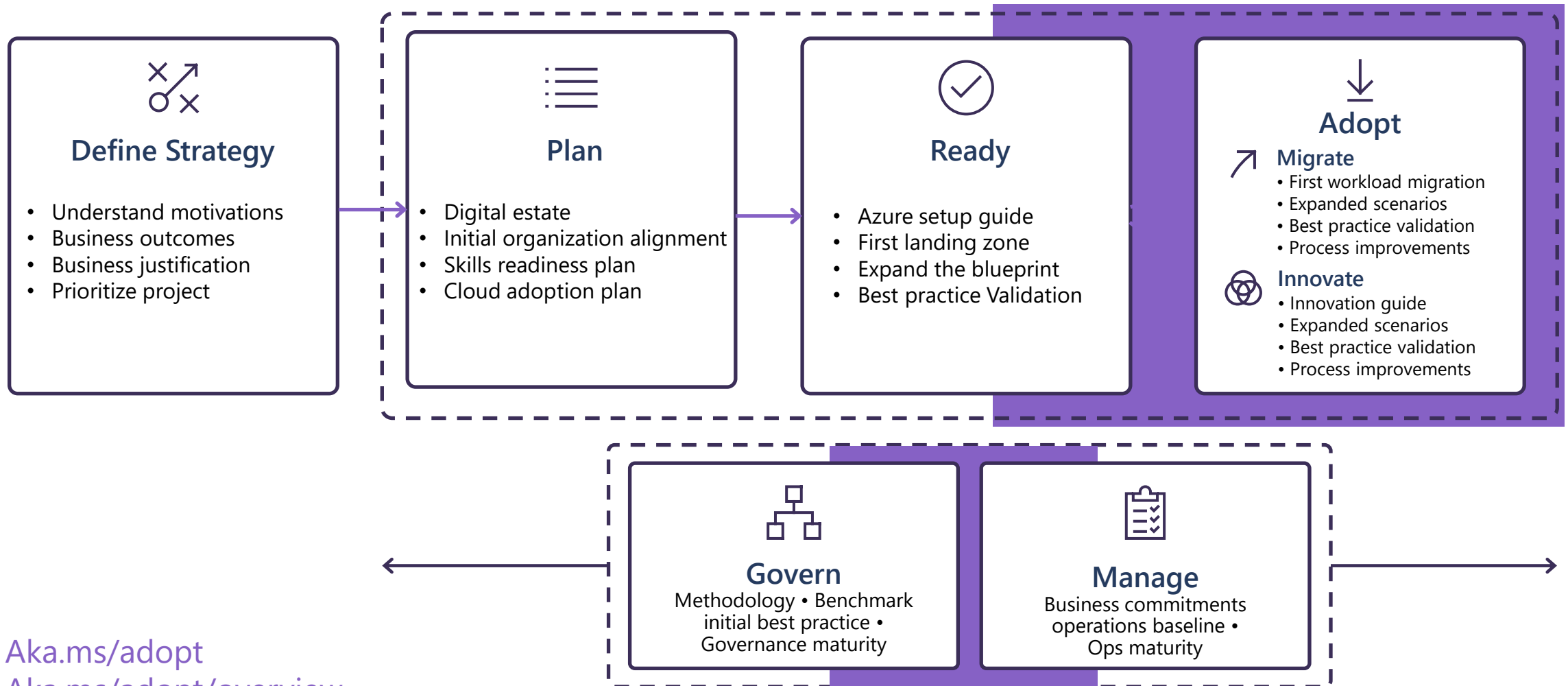
Part 2 – Hands-on Lab (HOL)

In this hands-on lab, you will learn how to assess and migrate a multi-tier application from Hyper-V to Azure. You will learn how to use Azure Migrate as the hub for executing a migration, together with accompanying tools.

After this hands-on lab, you will know the role of Azure Migrate and related migration tools and how to use them to successfully migrate an on-premises multi-tier application to Azure.

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Hackathon

CAF Advanced

Target roles:

- Consultants
- Architects

Hackathon Description

In this workshop, you will learn how to **design an enterprise scale Landing Zone** in Azure. You get familiar with the design principles and the critical design areas.

At the end of this workshop, you will be able to leverage the existing enterprise scale architectures, able to build your own as well as understanding how to establish a policy driven governance.

Hackathon Agenda

Day 1 (8h)

- **Enterprise Scale Intro**
design principals
Critical design areas

Day 2 (6h)

- **Enterprise Scale**
first deployment
- **HOL**
individual deployment

Azure Services and related products

- Cloud Adoption Framework
- Policy
- ARM Deployment
- Enterprise Scale

Required Certifications

- AZ-900, AZ-104, AZ-500, AZ-3xx

Prerequisites per Individual

- Azure Subscription with owner rights
- [AAD Tenant Root access](#)
- CAF Migrate

Day 1 – Get started

In the first day of this hackathon, we will learn everything regarding enterprise scale. What are the design principles, which critical design areas exist and what are the best practices to implement these design areas.

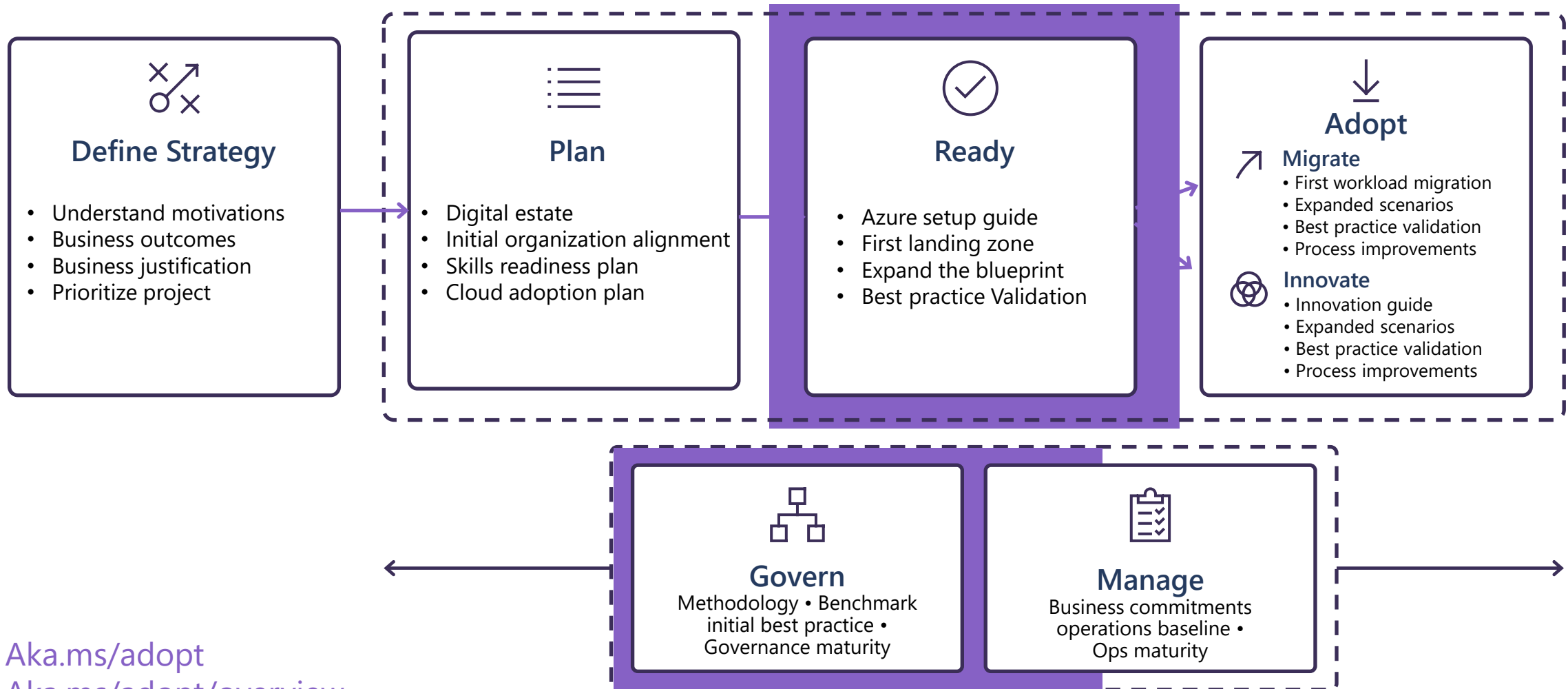
- Enterprise Agreement (EA) enrollment and Azure Active Directory tenants
- Identity and access management
- Management group and subscription organization
- Network topology and connectivity
- Management and monitoring
- Business continuity and disaster recovery
- Security, governance, and compliance
- Platform automation and DevOps

Day 2 – Hands-on Lab (HOL)

On the second day we deploy an enterprise scale landing zone and start to get familiar with the components of enterprise scale. We learn how a potential workflow can look like – deploying a landing zone in an enterprise.

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