Microsoft

What the CAF
The learning path for successful cloud adoption

Last updated: October 2022

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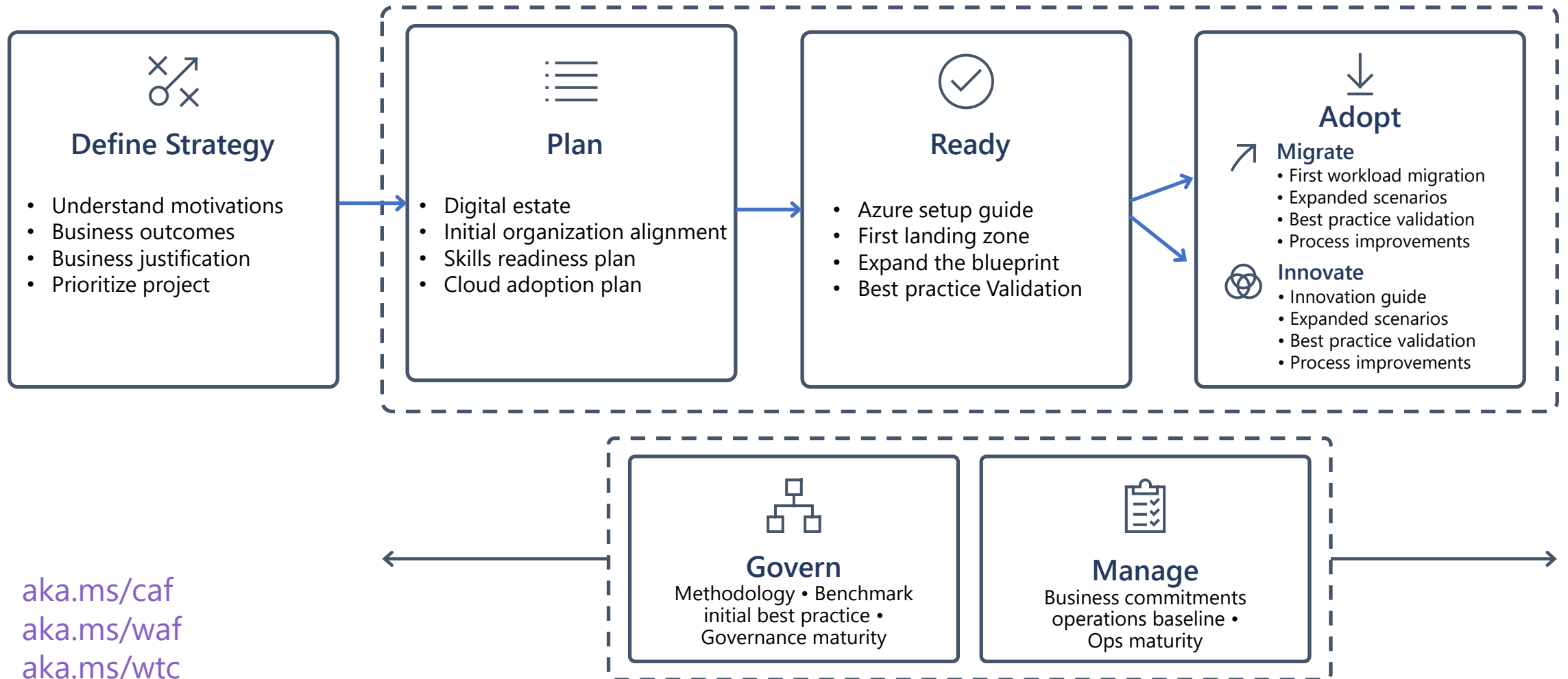
Capitalizing on this shift is key for the organization's innovation and growth

The Microsoft Cloud Adoption Framework for Azure

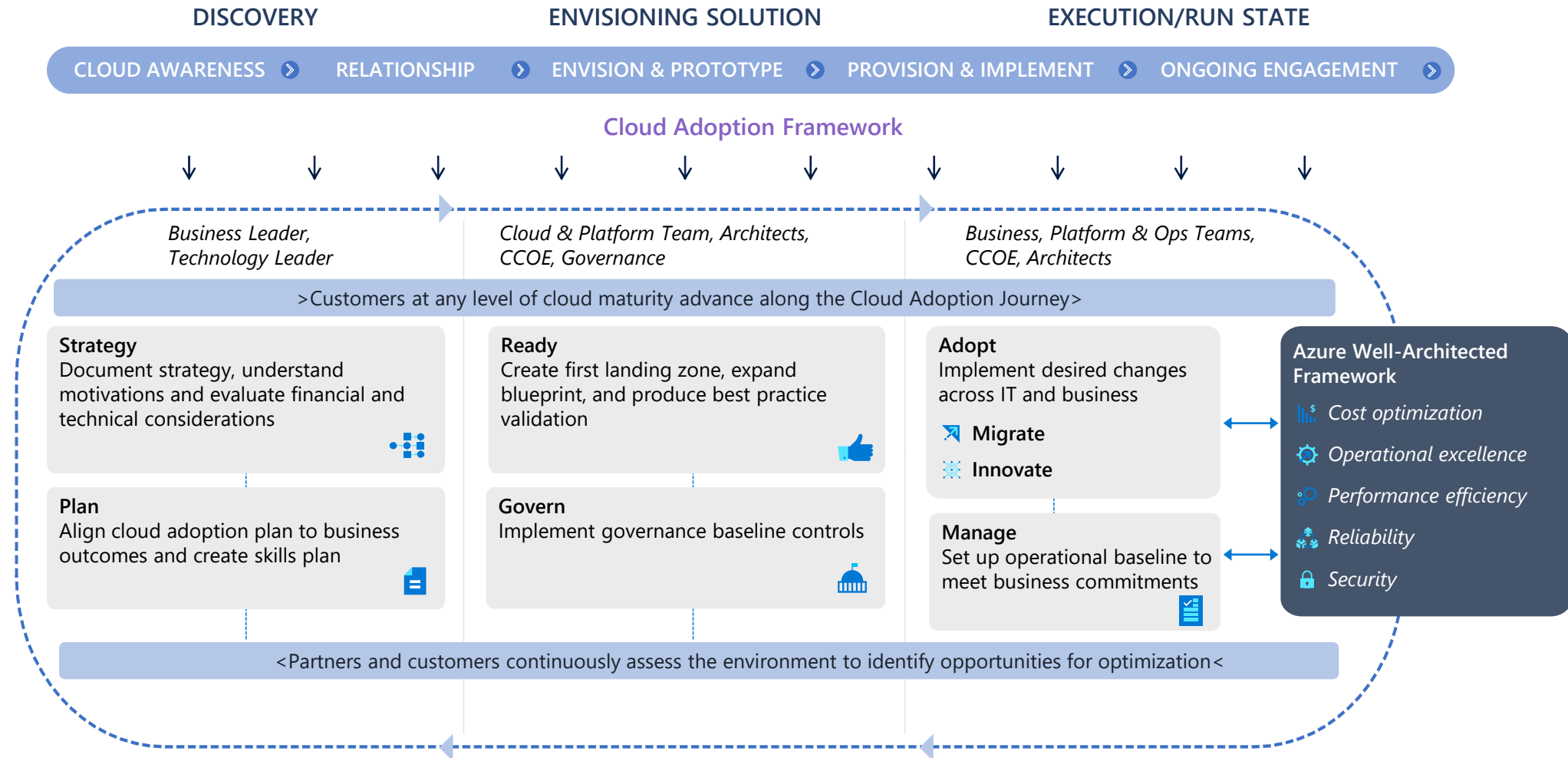Meeting the customer right where they are

Define Strategy
- Understand motivations
- Business outcomes
- Business justification
- Prioritize project

Plan
- Digital estate
- Initial organization alignment
- Skills readiness plan
- Cloud adoption plan

Ready
- Azure setup guide
- First landing zone
- Expand the blueprint
- Best practice Validation

Adopt

Migrate
- First workload migration
- Expanded scenarios
- Best practice validation
- Process improvements

Innovate
- Innovation guide
- Expanded scenarios
- Best practice validation
- Process improvements

Govern
Methodology • Benchmark initial best practice • Governance maturity

Manage
Business commitments operations baseline • Ops maturity

aka.ms/caf
aka.ms/waf
aka.ms/wtc

Microsoft

The partner opportunity

The Microsoft Cloud Adoption Framework for Azure

Partners are at the center of execution, by design

DISCOVERY	ENVISIONING SOLUTION	EXECUTION/RUN STATE

CLOUD AWARENESS › RELATIONSHIP › ENVISION & PROTOTYPE › PROVISION & IMPLEMENT › ONGOING ENGAGEMENT ›

Cloud Adoption Framework

Business Leader, Technology Leader

Cloud & Platform Team, Architects, CCOE, Governance

Business, Platform & Ops Teams, CCOE, Architects

>Customers at any level of cloud maturity advance along the Cloud Adoption Journey>

Strategy
Document strategy, understand motivations and evaluate financial and technical considerations

Ready
Create first landing zone, expand blueprint, and produce best practice validation

Adopt
Implement desired changes across IT and business

✈ **Migrate**

❋ **Innovate**

Azure Well-Architected Framework

- Cost optimization
- Operational excellence
- Performance efficiency
- Reliability
- Security

Plan
Align cloud adoption plan to business outcomes and create skills plan

Govern
Implement governance baseline controls

Manage
Set up operational baseline to meet business commitments

<Partners and customers continuously assess the environment to identify opportunities for optimization<

The Microsoft Cloud Adoption Framework for Azure

Transforming to deliver success

Define Strategy	Plan	Ready	Adopt Migrate Innovate		Govern	Manage
Apply the framework to understand the customer business motivations, define and justify business outcomes.	Gather the right intelligence to develop a cloud rationalization plan and a skilling plan.	Develop standardized processes and designs in line with existing capabilities and customer needs.	Execute through proven migration and modernization methodologies with built-in best practices		Adopt a policy-driven approach for consistent controls across the 5 key disciplines of governance	Operate customers' applications in Azure, at scale.

Why should you become a Cloud Adoption 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 Cloud Adoption Experts in their organization enables the partner to become a trusted advisor not only to their customers, but also to Microsoft. These "experts" continuously generate more value for customers by leveraging best practices, and helping these customers better align their business and technical strategies to ensure and accelerate success.

Best practices

Landing Zones

Customer Journey

Architecture

Processes
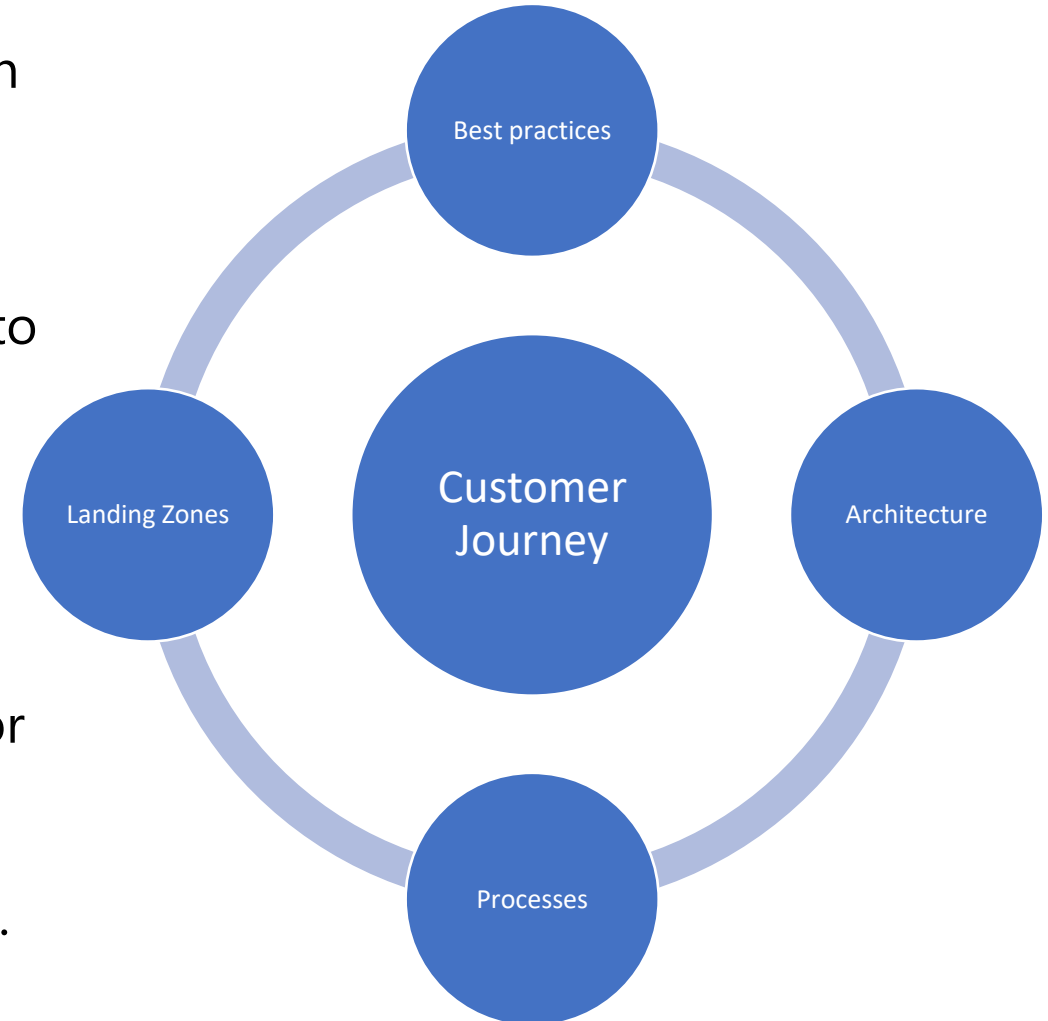
What The CAF Learning Path

Accelerating partner readiness and excellence

Overview Session

- Introduction to the Learning Path, CAF and WAF
- Duration 2hrs

Mod.01 Cloud Adoption

- Sales & Technical
- Level 100
- Duration 16hrs

Mod. 02 Strategy & Plan

- Hackathon
- Sales & Technical
- Level 100-200
- Duration 8hrs

Mod. 03 ALZ Accelerator

- Hackathon
- Technical Audience
- Level 300-400
- Duration 16hrs

Mod. 04 Workload Accelerators

- Hackathon
- Technical Audience
- Level 300-400
- Duration 8-16hrs

Cloud Adoption 101

Course Description

During this course, you'll learn more about the Cloud Adoption Framework for Azure (CAF), which is a collection of documentation, implementation guides, best practices, and tools that represent recommended guidance from Microsoft and are designed to accelerate your customers' cloud adoption journey.

In this course, Microsoft subject matter experts will discuss the various methodologies in the framework, as well as the latest updates in key areas such as security, governance, and operations management.

The specific prerequisite of this training is an understanding of the Microsoft Azure Platform and Azure Fundamentals. After you attend this course, you can expect to understand the Cloud Adoption Framework methodologies and tools.

Prerequisites
- Azure Knowledge (min. AZ-900)

Content
- The Microsoft Cloud Adoption for Azure series on YouTube
- (OR) the on-demand course in the Microsoft Partner Network
- The Microsoft Cloud Adoption Framework for Azure module on MS Learn
- Introduction to the Microsoft Azure Well-Architected Framework - Training | Microsoft Learn

Why is this important for partners?

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

Strategy and Plan

Hackathon Description

This 1-day hackathon enables attendees to understand how the framework can be applied with customers. This hackathon walks through the 'Define Strategy and Plan phases' of CAF to support attendees in leading an engagement with a customer who is considering to move their digital assets to Azure.

By the end of this 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 attendees with the tools and understanding that will complement their conversations with their customers.

Azure Services and related products
- Cloud Adoption Framework
- Azure Migrate

Prerequisites
- Azure Knowledge (min. AZ-900)
- Azure Subscription (can be shared between team members) with owner rights

Hackathon – Challenges overview

- Challenge 1 – Define a Strategy
- Challenge 2 – Define a governance structure incl. RACI for cloud adoption & governance teams
- Challenge 3 – Build a Plan
- Challenge 4 – Sell it to your coach!

Hackathon

ALZ Accelerator

Hackathon Description

In this 2-day hackathon, attendees will learn how the Azure landing zone accelerator enables their partner organization to make templatized landing zone deployments with baked-in repeatable best practices for governance, security, and compliance.

It comes with a set of design principles for managing the platform at scale; these principles serve as a compass for subsequent design decisions across critical technical domains.

At the end of this hackathon, attendees will be able to leverage the existing reference implementations, be able to build their own, assess and document landing zones, as well as understand how to establish policy-driven governance.

Azure Services and related products
- Cloud Adoption Framework
- Azure Landing Zones
- ARM Templates, Bicep, GitHub Actions

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

Prerequisites per Individual
- Azure Subscription with owner rights
- AAD Tenant Root access

Hackathon Content overview

In this hackathon, we will learn everything regarding ALZ. These are some of the topics which are covered during this hackathon:

- Azure Landing Zones overview
- Azure Landing Zone conceptual architecture
- Design areas, principles, considerations, and recommendations
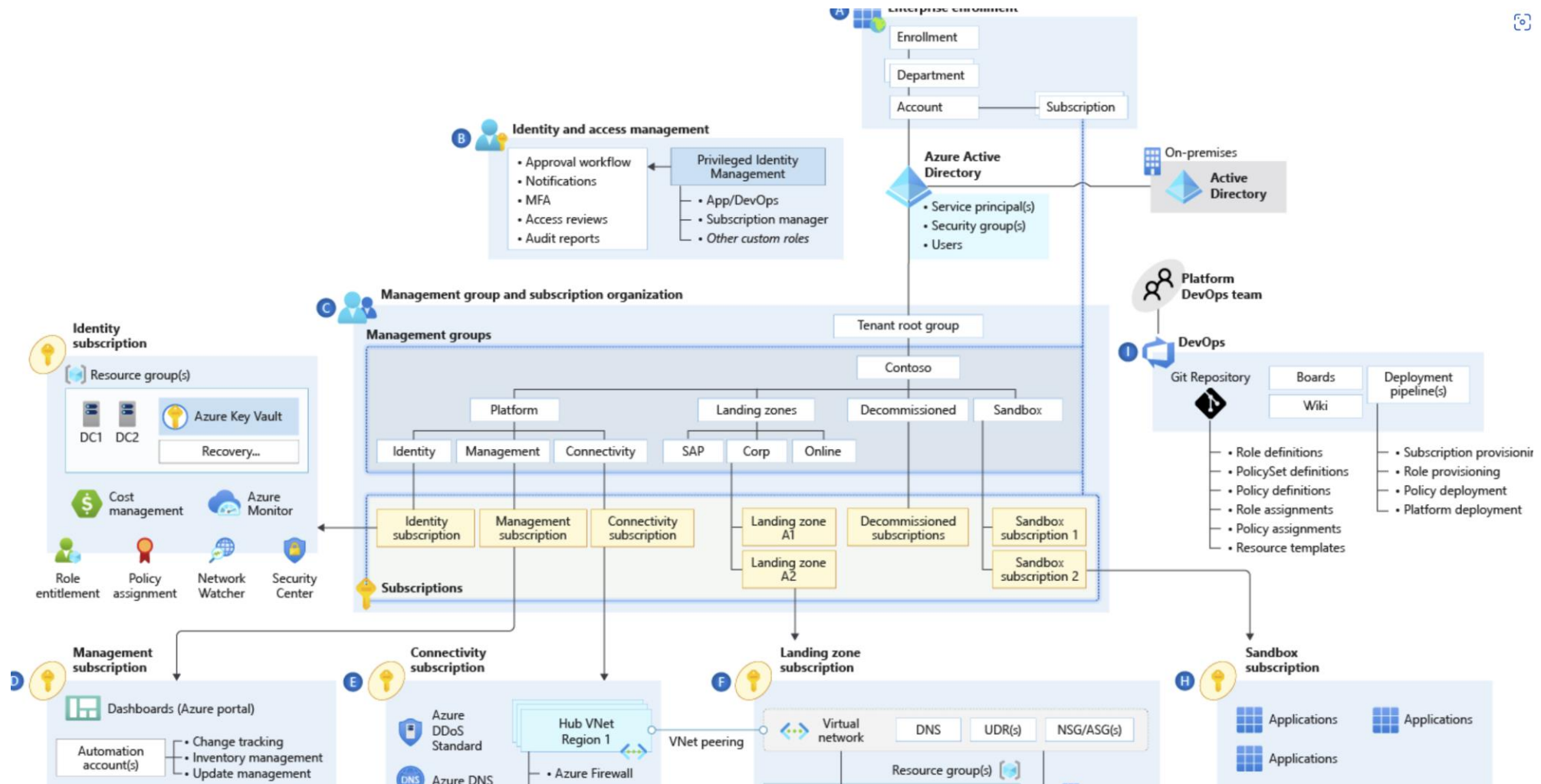
Hackathon Challenges overview

- Challenge 01 Landing Zone deployment
- Challenge 02 IaC and PaC with GitHub Actions
- Challenge 03 BCDR at scale for IaaS and PaaS
- Challenge 04 Visualizing Azure Governance
- Challenge 05 Design Area Checklist
- Challenge 06 Environment cleanup

Azure Landing Zone Reference Implementation
Cloud Foundations

A conceptual architecture diagram of an Azure landing zone.

Hackathon

Migrate Like A Pro

Hackathon Description

In this 3-day hackathon, attendees will learn how to design a migration strategy for on-premises workloads to Azure.

At the end of this hackathon attendees 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.

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 (can be shared between team members) with owner rights
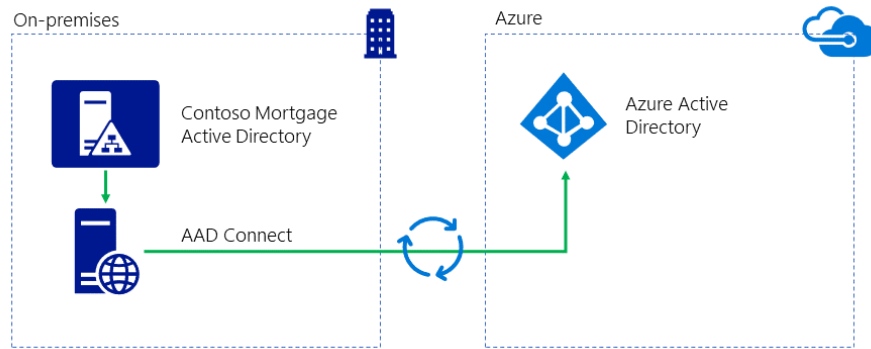
Hackathon – Challenges overview

- Challenge 1 – Whiteboard Design Session
- Challenge 2 – Discover and Assess on-premises workloads
- Challenge 3 – Landing Zone MVP
- Challenge 4 – Workload migration and DB refactoring
- Challenge 5 – Web app refactoring

Azure Migrate Hackathon
Rehost and Refactor
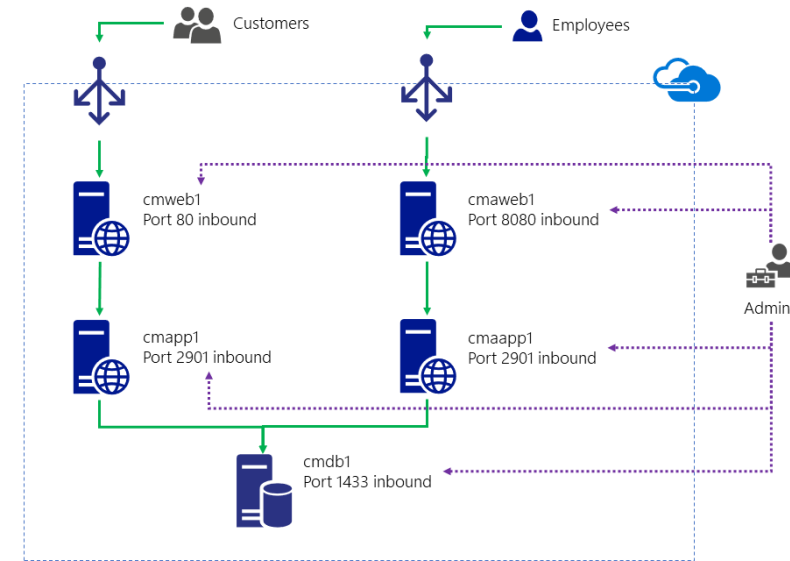
Business strategy		Migration assessment and execution						Security and compliance		Cloud operations		
High level business strategy	Key stakeholder sign off	Migration funding committed	Migration and Operation Partner	Assessment	Workload alignment	Migration strategy	Financial analysis	Migration execution	Specific migration workloads committed	Azure administration	Security & Governance	Networking Landing Zone	DevOps operation & automation	Identify Next Projects

Partner support   TCO/ business case   Technical skilling   Landing zone design

Hackathon

AKS LZ Accelerator

Hackathon Description

Coming Soon!

Hackathon – Challenges overview

- Challenge 1 – TBD

Azure Services and related products
- AKS

Prerequisites
- AZ-900, AZ-104, AZ-500, AZ-3xx
- Azure Subscription (can be shared between team members) with owner rights

Azure Landing Zone Reference Implementation
AKS
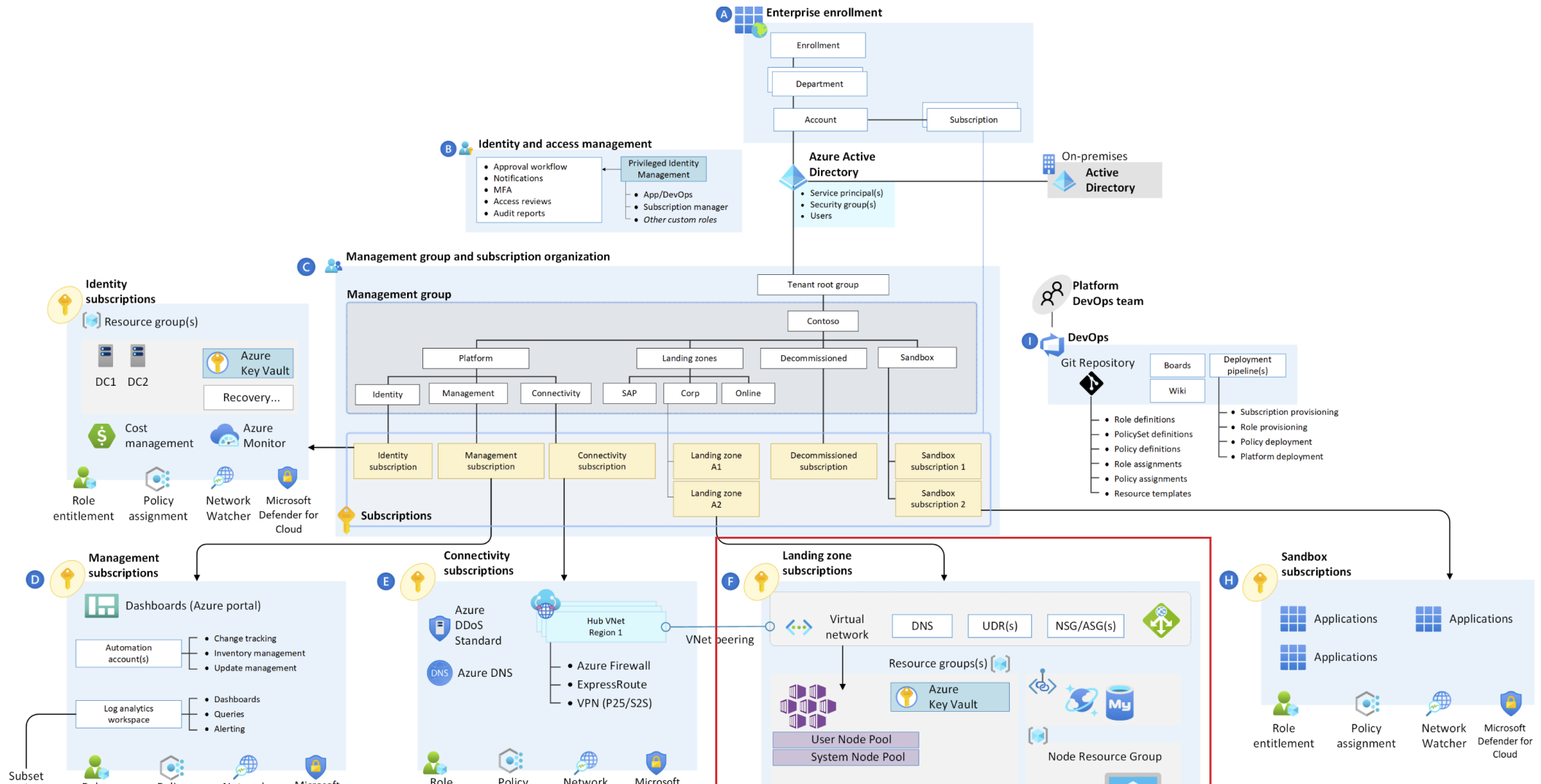
Diagram that shows the A K S landing zone accelerator architecture.

Hackathon
Cloud-scale Analytics

Hackathon Description

Coming Soon!

Hackathon – Challenges overview

- Challenge 1 – TBD

Azure Services and related products
- TBD

Prerequisites
- AZ-900, AZ-104, AZ-500, AZ-3xx
- Azure Subscription (can be shared between team members) with owner rights

Cloud-Scale Analytics