

# Business & Technology Workshop

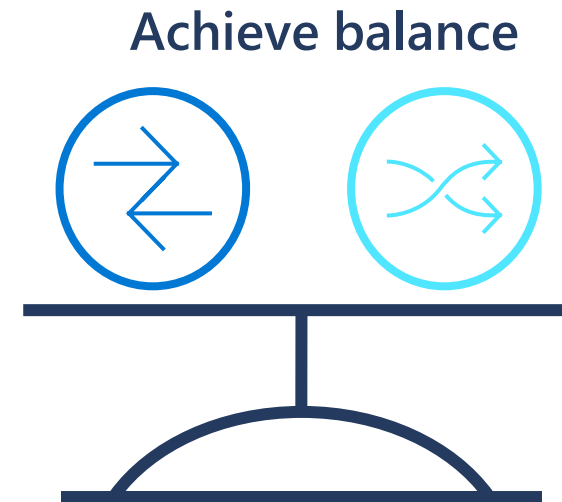
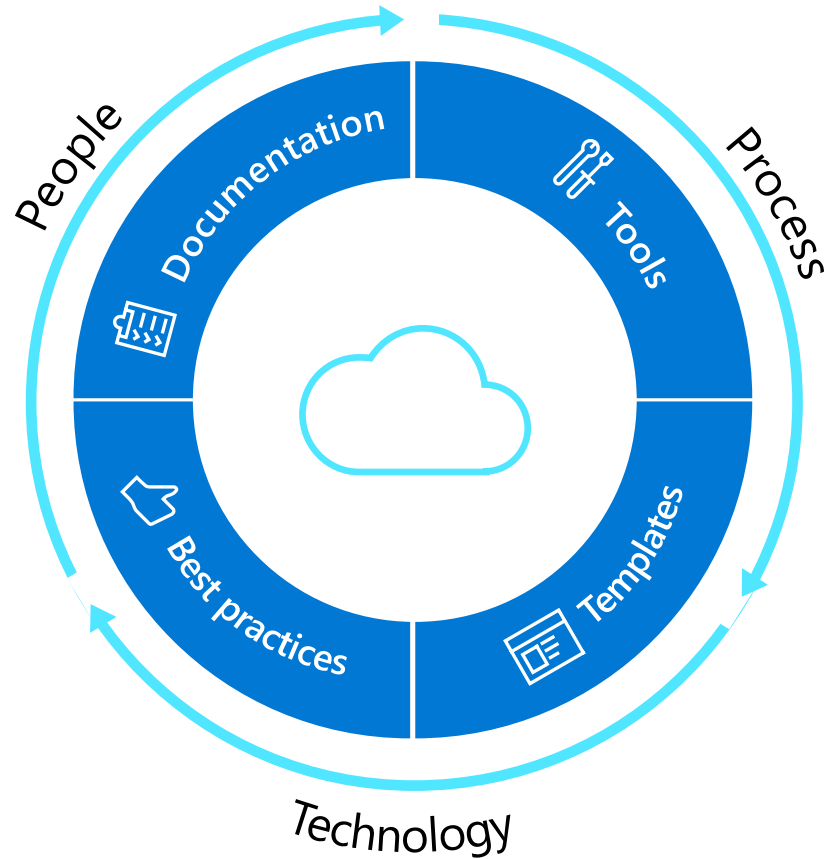
Strategy | Plan | Ready

*Aligning business & technology*

# Objectives of the Workshop

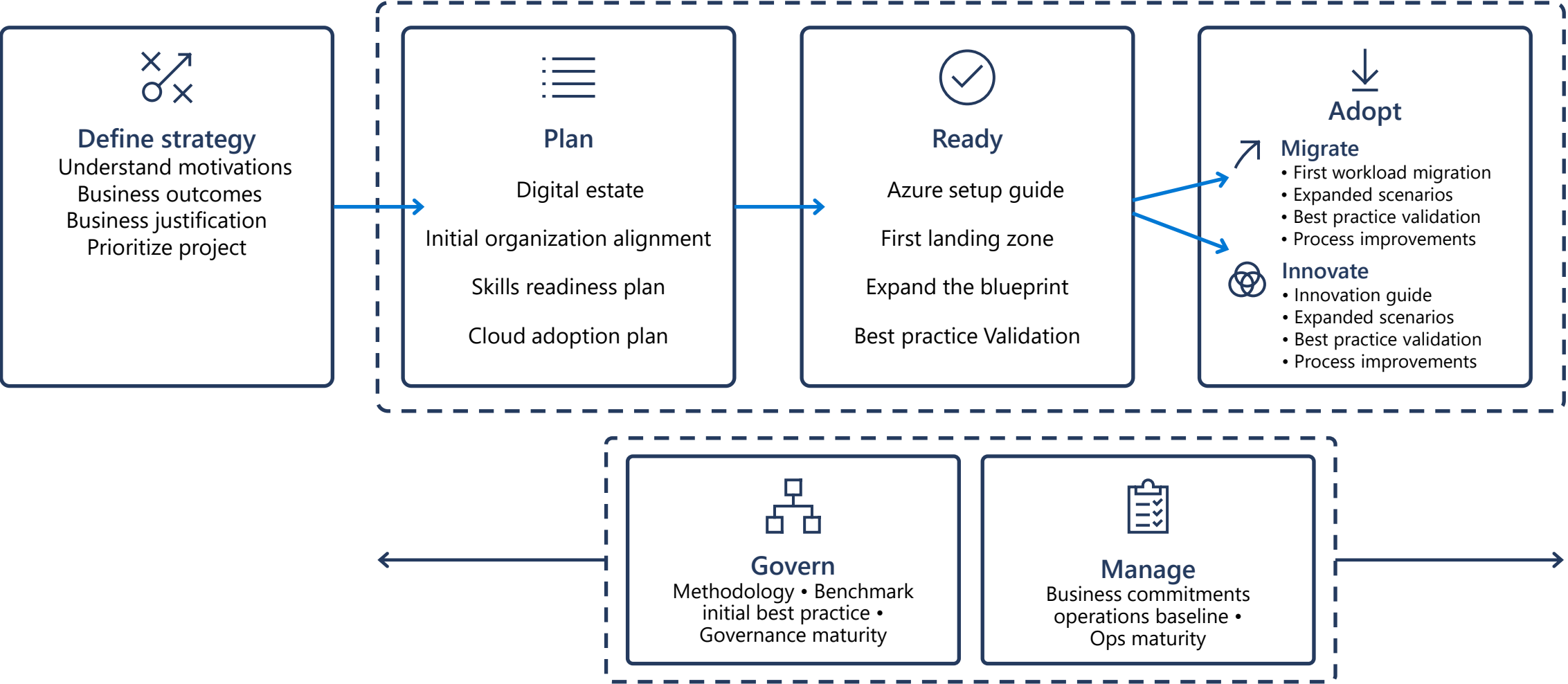
- Introduce you to the Cloud Adoption Framework, help understand all elements of the transition to cloud
- Assist in building a Cloud Adoption Plan
  - If one already exists, how to optimize the plan
- Build learning path for your teams
- Establish / optimize your Azure cloud environment

# Microsoft Cloud Adoption Framework for Azure




Align **business, people and technology strategy** to achieve business goals with **actionable, efficient, and comprehensive** guidance to deliver fast results with control and stability.

# Microsoft Cloud Adoption Framework for Azure



# Before we begin.....

**Your cloud adoption journey**




**PROFICIENT**

### Define Strategy

Defining business justification and expected outcomes ahead will set you up for success.

| [Drivers for moving to the Cloud](#)



**FOCUS**

### Plan


Align actionable technology projects to business outcomes.

| [Azure DevOps Plan Generator](#)

| [Lightweight Initial Organization Alignment](#)

| [Template for planning cloud adoption](#)

[Show more](#) ▾



**RECOMMENDED ACTION**


### Ready

Align actionable technology projects to business outcomes

| [Learning Module link](#)

| [Quickstart Center](#)

| [Ready - Readiness Guide](#)



**FOCUS**

### Adopt

Prepare the people, culture and environment for change.

| [Migrate Decision Guide](#)

| [5Rs of Rationalization](#)


| [Innovation Template](#)

| [AMP survey](#)

| [Migration Tooling](#)

| [Best Practices Under Migrate](#)

[Show less](#) ▲



**PROFICIENT**

### Operate

Govern and manage resources, people, business processes.

| [Process for Long Term Org Alignment](#)

| [Starting an internal Cloud Strategy Team](#)

### Base Card

Govern and manage resources, people, business processes.

| [Process for Long Term Org Alignment](#)

| [Starting an internal Cloud Strategy Team](#)

[View a summary of your answers](#) >

Let's take a few minutes to capture current state of your cloud adoption using the ["Cloud Journey Tracker" tool](#)

# Define Strategy

Document your cloud strategy to help stakeholders understand the business outcomes the organization is pursuing by adopting the cloud

1

## Motivations

Understand motivations to move to cloud

2

## Business Outcomes

Engage stakeholders to document specific business outcomes

3

## Business Justification

Develop a business justification that supports your motivations and outcomes

4

## Identify First Project

Leverage business and technical criteria to choose your first project

# Define Strategy | Understanding your motivation



## Critical business events

such as end of support for mission-critical technologies

- ✓ Datacenter exit
- ✓ Mergers & Acquisitions
- ✓ Reduction in capital expenses
- ✓ EoS of mission critical technologies
- ✓ Regulatory compliance changes
- ✓ Deadlines of data sovereignty requirements
- ✓ Recent disruptions in IT stability



## Migration triggers

such as cost saving and operations optimization

- ✓ Cost savings
- ✓ Reduction in vendor or technical complexity
- ✓ Optimization of internal operations
- ✓ Increase business agility
- ✓ Prepare for new technical capabilities
- ✓ Scale to meet market or geographic demands



## Innovation triggers

such as scaling to meet market or geographical demands

- ✓ Improve customer experiences or engagements
- ✓ Transform products or services
- ✓ Disrupt the market with new products or services
- ✓ Prepare or build new technical capabilities
- ✓ Scale to meet market or geographic demands



Engage stakeholders across business and technology to understand your motivations for cloud adoption

# Define Strategy | Identify Business Outcomes

Engage different stakeholders and document desired outcomes across these categories



- **Fiscal** outcomes include increased [revenue](#), savings in [cost](#) and drive [profits](#)
- **Agility** outcomes include [time-to-market](#) and [provision time](#) to respond to changes
- **Reach** outcomes include [global access](#) and [data sovereignty](#)
- **Customer engagement** outcomes include [meeting customer expectations](#) by reducing cycle times
- **Performance** outcomes include having [highly available, global](#) applications
- **Security & Compliance** regulations addressed and implemented



Use the [business document template](#) to identify your business outcomes



# Define Strategy | Develop Business Justification

Dispel common cloud migration myths such as ..

Mirroring on-premise environment will save money in the cloud

Everything should go into the cloud

I have less visibility and control over my cloud resources

Cloud is always cheaper

An operating expense model is better than a capital expense model

I can run workloads on-prem cheaper than in the cloud

Moving to the cloud is like flipping a switch

Public Cloud is not secure

Server costs drive business cases for cloud migration

# Define Strategy | Identify First Project

Choose the first project to move to the cloud by using a clearly defined criteria and clearly identified outcomes to achieve



## First Project Criteria

- Should align with your motivations for cloud adoption
- Should demonstrate progress towards a defined business outcome



## First Project Expectations

- Project is a source of learning.
- It might result in production deployments, but it will probably require additional effort first.
- The output of this project is a set of clear requirements to provide a longer-term production solution.



## First Project Examples

*for each motivation category*

- **Critical business events:** Use Azure Site Recovery as a disaster recovery tool, reducing dependencies on disaster recovery assets within the datacenter.
- **Migration motivations:** Start with a noncritical workload and use Azure setup guide and the Azure migration guide for guidance
- **Innovation motivations:** Creation of a targeted dev/test environment can be a great first project.

# Workshop segment #1

## Engage stakeholders to define strategy

Example:

- 1) What do you expect from your move to the cloud?
- 2) What are you moving to the cloud today?
- 3) How has your transition to the cloud changed your organization?
- 4) What are your short, medium, and long-term objectives?
- 5) How are you thinking about dual cloud?
- 6) What are the criteria which define where apps or data reside?
- 7) What are the risks which you have identified?
- 8) What are the next applications and databases which you have identified to move to the cloud?

# Plan

Cloud adoption plans convert the aspirational goals of the cloud adoption strategy into actions. It will help guide technical efforts, in alignment with the business strategy.

1

## Rationalize Digital estate

Rationalize your digital estate to determine best approach to cloud adoption

2

## Initial org alignment

Align governance and cloud adoption to mitigate risks

3

## Skills readiness plan

Get your people ready by identifying skills gap and plan

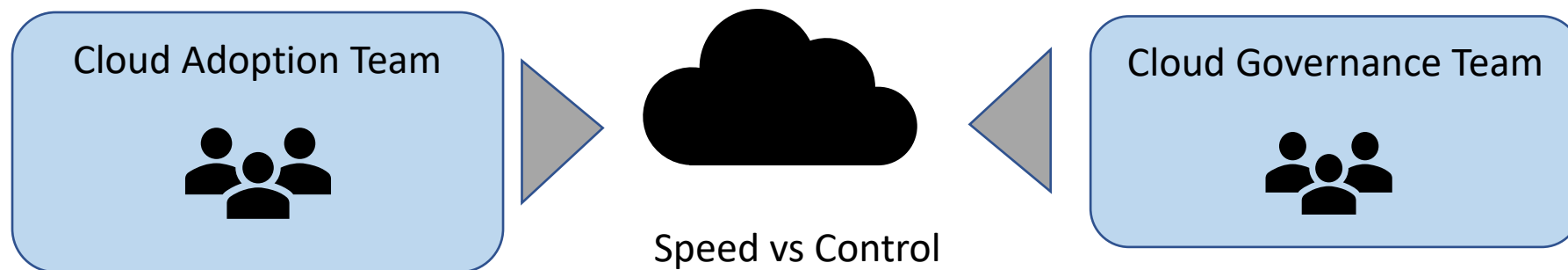
4

## Cloud adoption plan

Create an actionable cloud adoption plan that aligns to your business strategy

# Plan | Initial Org Alignment

Implementing Cloud adoption plan requires some initial alignment of different stakeholders who will make the plan a reality



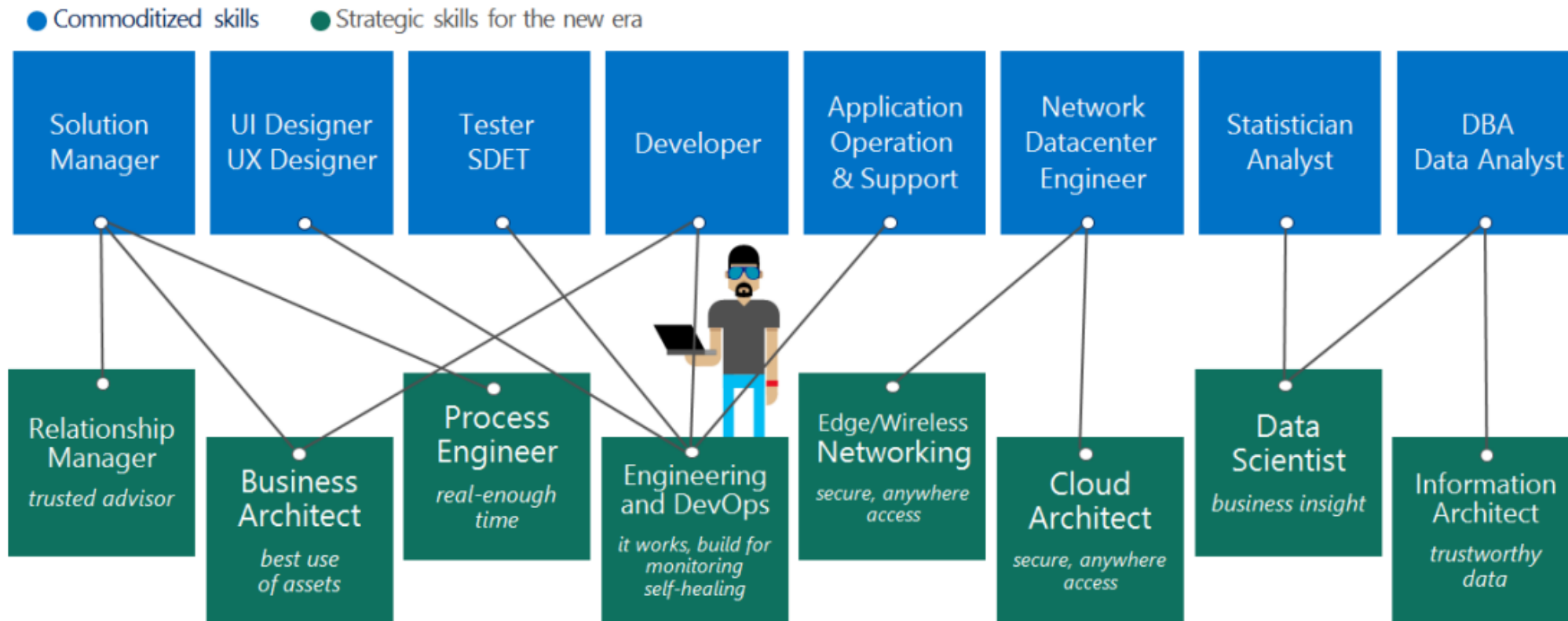
- Create a balance between speed or *moving quickly* and control or *reducing risks* by have teams accountable for adoption and governance.
- While cloud adoption team is required to execute cloud adoption tasks, governance team ensures processes and controls are implemented

# Plan | Rationalize Digital Estate

- **Cloud rationalization** is the process of evaluating assets to determine the best approach to hosting them in the cloud (public or hybrid)
- Rationalization can take place using an **Incremental approach** or 'Power of 10' where the cloud strategy team selects the first 10 applications to be migrated which are a mix of simple and complex workloads; (recommended approach)
- The output of a rationalization effort is a prioritized backlog of all assets that are affected by the chosen transformation.
- Use costing models from your chosen cloud provider to forecast costs for your prioritized backlog; for Azure, we have pricing tools like Azure Migrate, Azure pricing calculator and Azure cost management. Ensure that hybrid is incorporated into the costing models

# Plan | Skills Readiness Plan

Cloud computing is a technology shift and a new set of skills are required to support cloud solutions



1 Identify the gaps

2 Look across teams

3 Create an org-wide learning plan

# Plan | Cloud Adoption Plan

Translate strategy and effort into an actionable cloud adoption plan

- **Prerequisites:** Confirm that all prerequisite steps have been completed before you create your plan.
- **Define and prioritize workloads:** Prioritize your first 10 workloads to establish an initial adoption backlog.
- **Align assets:** Identify which assets (proposed or existing) are required to support the prioritized workloads.
- **Review rationalization:** Review rationalization decisions to refine adoption-path decisions: Migrate or Innovate.
- **Define iterations and releases:** Iterations are the time blocks allocated to do work. Releases are the definition of the work to be done before triggering a change to production processes.
- **Estimate timelines:** Establish rough timelines for release planning purposes, based on initial estimates.



# Plan | Cloud Adoption Plan Template

- Cloud adoption plan converts the aspirational goals of the cloud adoption strategy into an actionable plan
- All the cloud teams leverage the cloud adoption plan to guide technical efforts, in alignment with the business outcomes.
- Download the [template](#) and get started with creating your plan

[Your organization Name]

## Microsoft Cloud Adoption Plan

[Date]

### Executive Summary

[Overview of your business priorities, timelines and milestones in the upcoming year for successful cloud adoption. Also include prioritized projects and criteria for such projects.]

### Define Strategy

#### Motivations and drivers

Why do you want to digitally transform your organization? Are there critical business events driving your decision? Do you have specific business [motivations](#)?

[Understand and describe business situation, implications and details on business events driving the move to the cloud]

#### Business outcomes

What are the expected [business outcomes](#) from driving your digital transformation? Collect them in the corresponding table below, organized by priority.

##### High Priority

Stakeholder:		Outcome:	
Business Drivers	KPI	Capabilities	
List any business drivers	List success metrics	List necessary capabilities	

##### Mid Priority

Stakeholder:		Outcome:	
--------------	--	----------	--

# Azure DevOps Cloud Adoption Plan Generator

Leverage Azure DevOps to log and track  
your cloud adoption plan  
**aka.ms/adopt/plan**

Epic	>	👑 Cloud Adoption Strategy
Epic	>	👑 Cloud Adoption Plan
Epic	>	👑 Cloud Ready
Epic		👑 Cloud Innovation
Epic	▼	👑 Cloud Migration
Feature	>	🏆 First Workload
Feature	>	🏆 First Host
Feature	▼	🏆 Workload Template
User Story	>	📖 Prerequisites
User Story	>	📖 Assess the workload
User Story	>	📖 VM - UX Server
User Story	>	📖 VM - Middle Tier
User Story	>	📖 VM 3 - SQL Server
User Story	>	📖 Test Workload
User Story	>	📖 Optimize Workload Assets

📌 <a href="#">TASK 142</a>			
142 Migration tool choice(s)			
👤 Unassigned		💬 0 comments	
		Workload Template ✕ +	
State	● New	Area	Cloud Adoption Plan Master
Reason	🔒 New	Iteration	Cloud Adoption Plan Master
Description			Planning
Evaluate the approach to migrate the workload based on future state architecture decisions <a href="https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/decision-guides/migrate-decision-guide/">https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/decision-guides/migrate-decision-guide/</a>			Priority
			2
			Activity

# Workshop segment #2

## Create your cloud adoption plan

Example:

- 1) How are you organizing your people and teams for cloud transformation
- 2) Where does accountability reside for application creation and availability
- 3) What are the current skills gaps?
- 4) How do your people train and skill up?
- 5) What is the prioritized list of applications you are moving to the cloud?

# Ready

Ready establishes a cloud foundation or adoption target that can provide hosting for any adoption efforts.

1

## Azure setup guide

Azure setup guidance in the Cloud Adoption Framework

2

## First landing zone

Leverage the Cloud Adoption Framework migrate landing zone blueprint

3

## Expand the blueprint

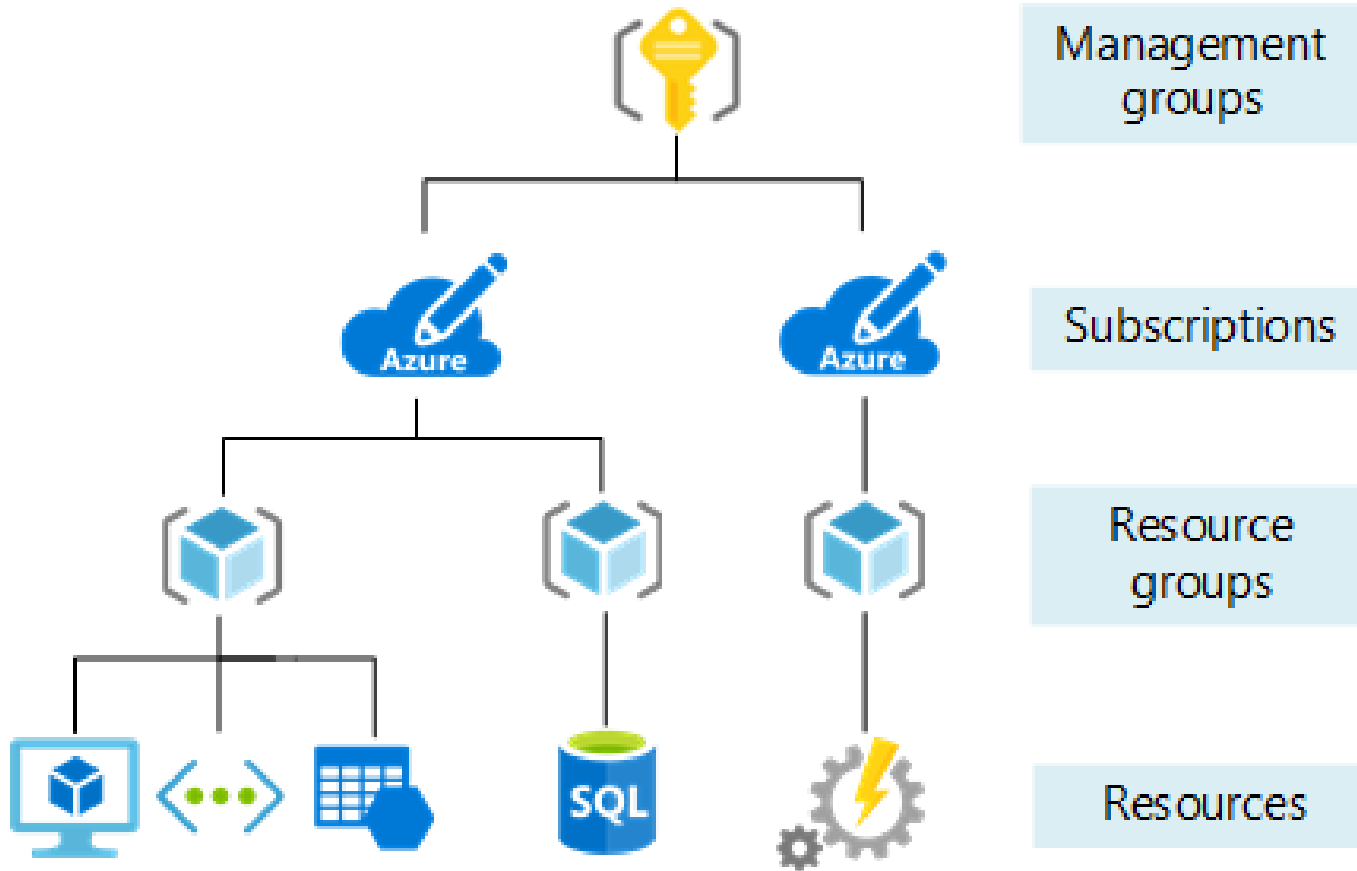
Use the landing zone considerations to enhance the blueprint template

4

## Best practices

Validate landing zone modifications against best practices

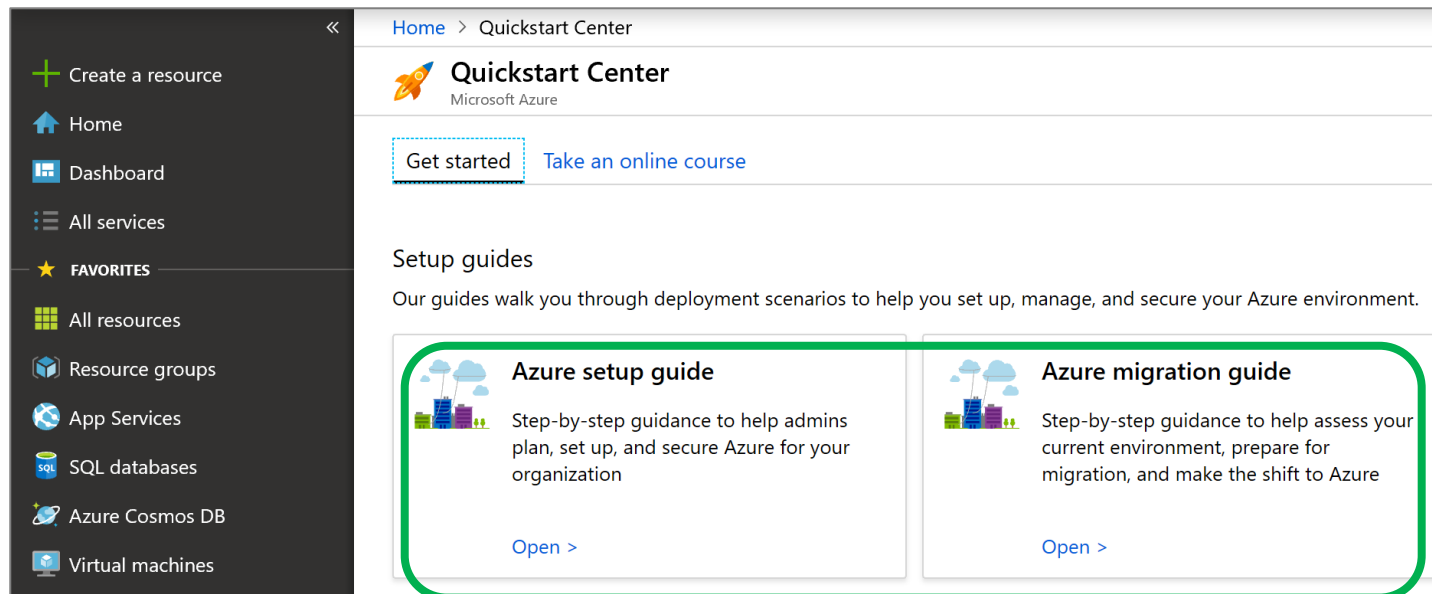
# Ready | Organize your Azure Resources



- Use the management hierarchies within the Azure platform.
- Implement well-thought out naming conventions
- Apply resource tagging

# Ready | Azure setup guide

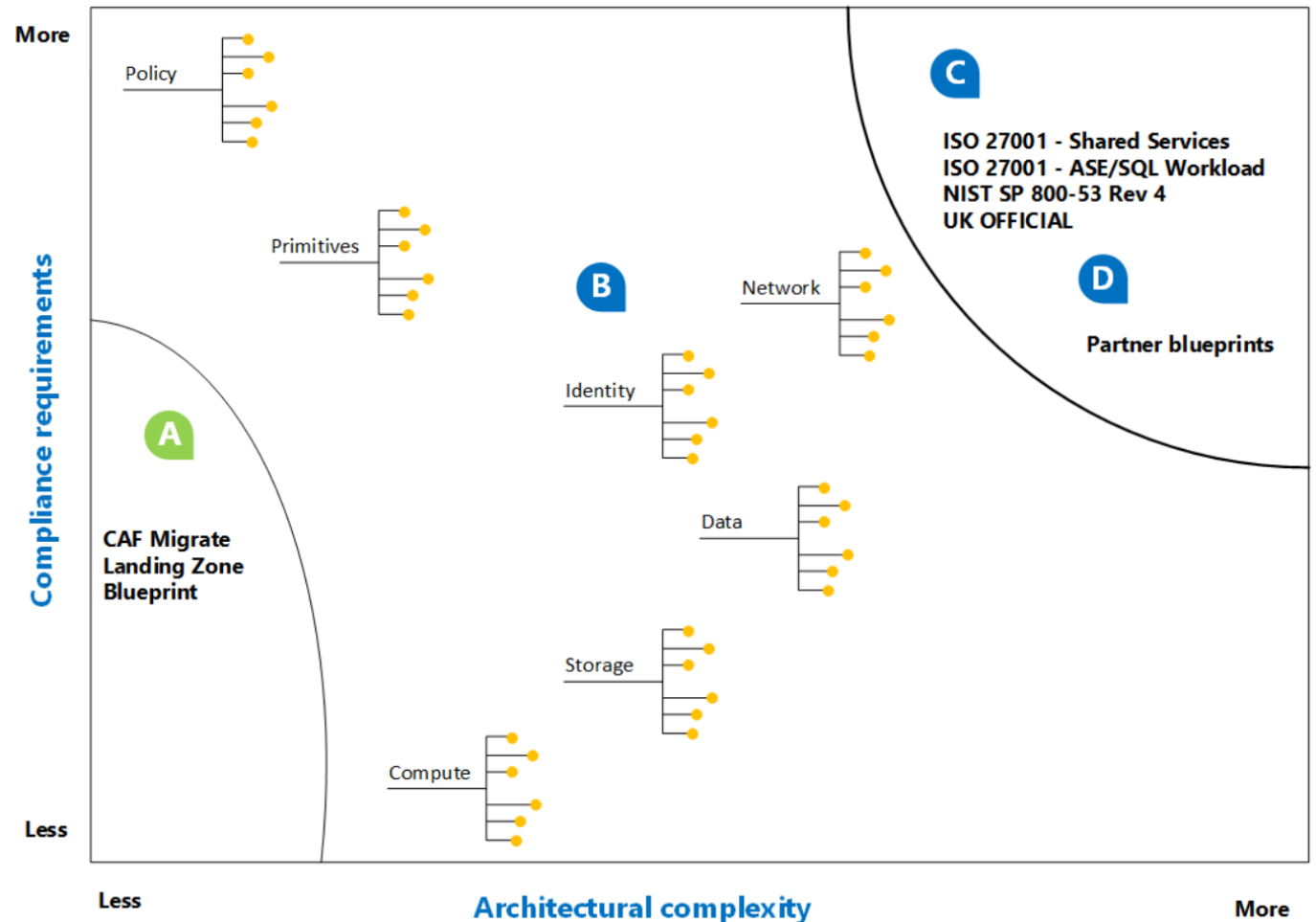
- Prepare the cloud environment before building and deploying solutions using Azure services
- The Azure setup guide provides guidance on how to organize resources, control costs, and secure and manage your organization helping you create your landing zone in Azure



The guide is also published in the **Azure Quickstart Center** within the Azure Portal

# Ready | First Landing Zone

- Landing zone is the environment that is provisioned to host workloads being migrated from an on-premises environment into Azure.
- The Cloud Adoption Framework migrate landing zone blueprint creates a landing zone which can be updated to meet your specific needs.



# Ready | Expand the landing zone blueprint

The considerations for implementing a landing zone fall into three categories

- **Hosting** - decisions need to be made around compute, storage, networking, databases to help create hosting options in the landing zone blueprint
- **Azure fundamentals** - these are the foundational building blocks for organizing resources in the cloud environment.
- **Governance considerations** – applying governance principles on each landing zone



# Ready | Recommended Practices

- Leverage best practices in Cloud Adoption Framework to help your teams establish and prepare Azure environment. These include guidance in the areas of
  - [Azure fundamentals](#)
  - [Networking](#)
  - [Identity and Access Control](#)
  - [Storage](#)
  - [Databases](#)
  - [Cost Management](#)

# Workshop segment #3

## *Ready your organization and cloud environment*

Example:

- 1) What is the current Azure environment structure?
- 2) Have you defined, naming standards, use of management groups, resource tagging?
- 3) How are you defining your data structure? Do you have a master data schema defined?
- 4) In your current Azure setup, how are you handling shared services?
- 5) Have you established connectivity?

# Next Steps

- Finalize the Cloud Adoption Plan
- Create cloud adoption project through Azure DevOps
- Build the Landing zone using Azure Blueprints
  - Append compliance templates as per business requirements

## Workshops to consider:

- Build out Governance frame for the business (Governance Workshop)
- Ensure you have resiliency in your apps and workloads (Resilience briefing and workshop)

# Appendix