

# Azure Migration / Project Journey

## *Module 2 – Discover, Assess, Plan*

Nick Westbrook	-	Cloud Solution Architect
Suzette Taylor	-	Solution Assessments Manager
Aldrin Jay Mercado	-	Solution Assessment Specialist

# Azure Migration – Discover, Assess, Plan

*Is all about taking customer inputs and developing a plan to successfully migrate workloads to Azure*

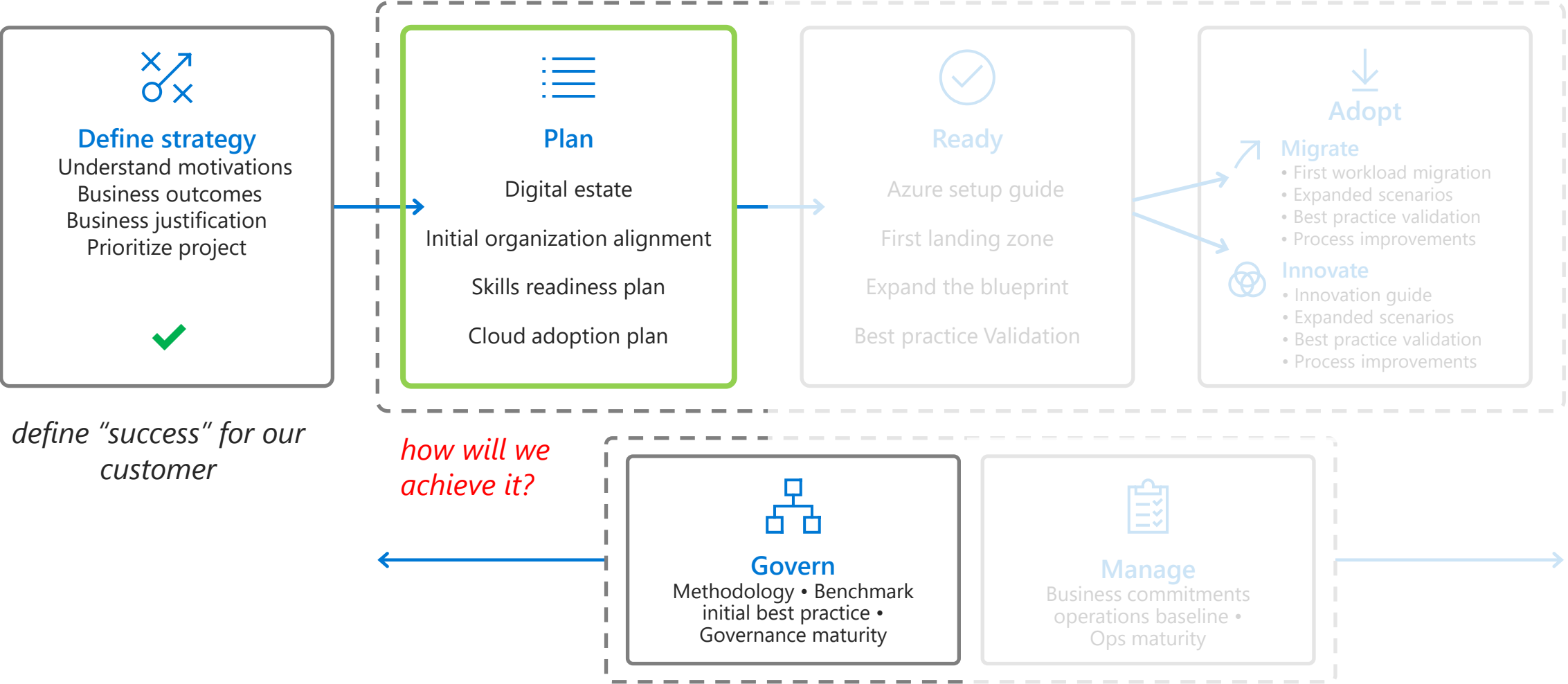
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# Agenda

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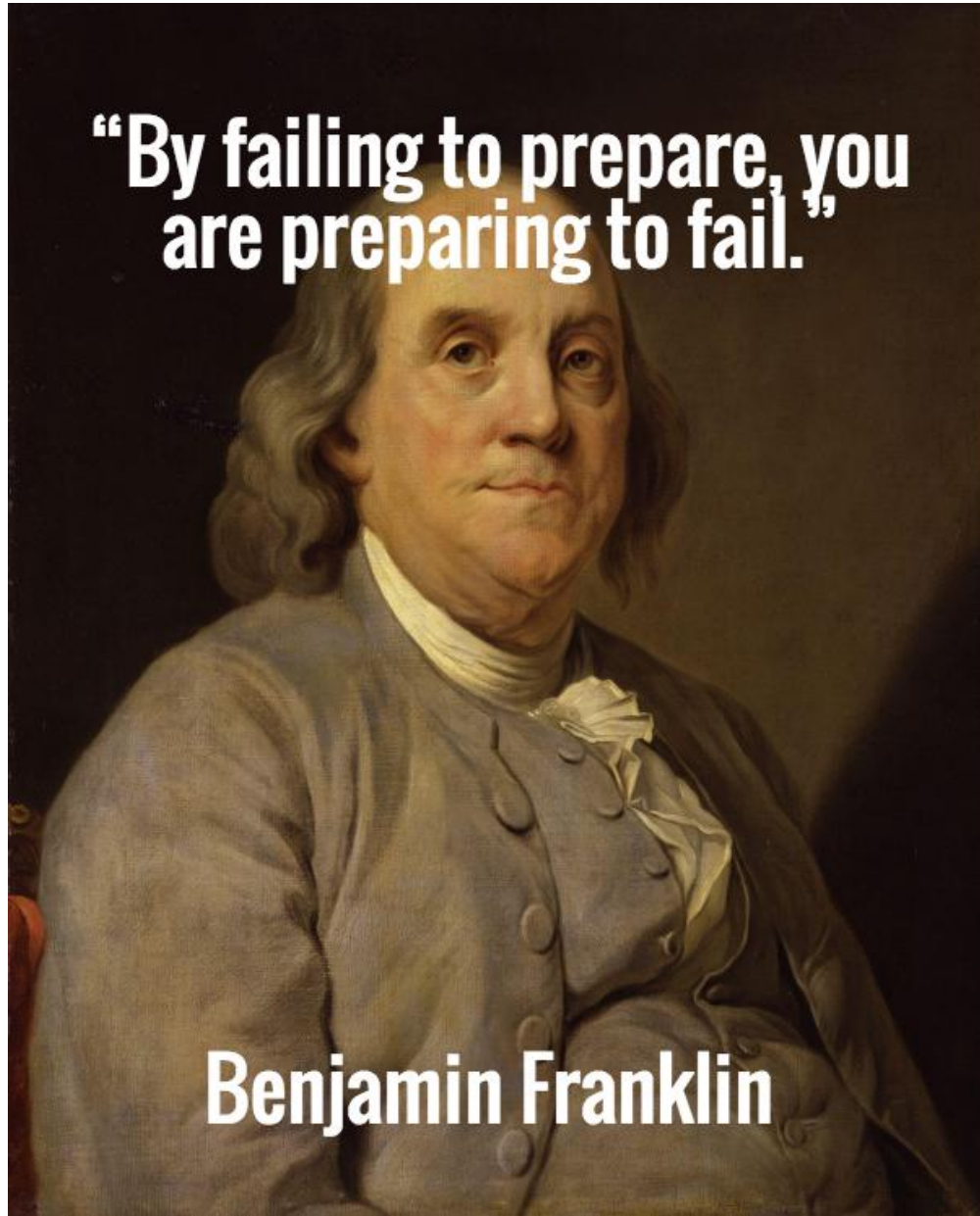
Cloud Adoption Framework: Plan & Govern  
Digital Estate Assessment  
Team Alignment & Skills Readiness  
Developing a Cloud Adoption Plan  
Additional Material & Resources  
Q&A

# Microsoft Cloud Adoption Framework for Azure



**“By failing to prepare, you  
are preparing to fail.”**

**Benjamin Franklin**



# Questions to be Answered

1. WHAT is in scope?
  2. WHO is on board?
  3. HOW are we going to do this?
  4. WHEN can we have it done by?
- (WHY?) has already been answered

# WHAT is in Scope?

## The Digital Estate





# Digital Estate Planning

What is the set of virtual machines, databases, applications, file data, etc that we are assessing for migration?

1

## Approach

Big Bang / Incremental  
Workload-Driven / Asset Driven

2

## Inventory

How will we discover assets?  
Scanning tools recommended

3

## Rationalization

5Rs approach  
Is the asset even needed?

4

## Align Cost Model

TCO Analysis  
Run-state cost vs migration / refactor effort



# Solution Assessments

Tools, Tips, TCOs + more



# Solution Assessment Tools Training Series

Date	Time (SG time, UTC+8)	Tool
Monday 5 <sup>th</sup> October	9:30 -12:15	Kick-off CloudRecon
Wednesday 7 <sup>th</sup> October	9:30 -12:00	Movere
Friday 9 <sup>th</sup> October	9:30 -12:00	Azure Migrate
Tuesday 13 <sup>th</sup> October	9:30 -12:00	Block64
Wednesday 14 <sup>th</sup> October	9:30 -12:00	CloudSupervisor
Friday 16 <sup>th</sup> October	9:30 -12:00	CSAT
Monday 19 <sup>th</sup> October	10:00-11:00	Effectively packaging and positioning assessments for large opportunities.
Wednesday 21 <sup>st</sup> October	9:30 -12:00	CloudPilot Wrap-up

Register Here:

<https://www.microsoftevents.com/profile/web/index.cfm?PKwebID=0x2039100abcd>

# WHO is in the Team?

## Organizational Alignment



# Migration is a Team Sport



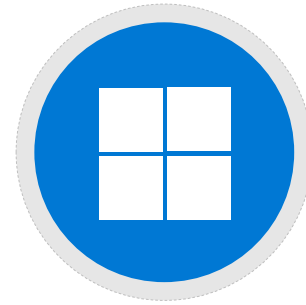
## Partner

Technical Execution  
Project Management  
Customer Commercial



## Customer

IT Team  
Governance Team  
Finance Team  
End-Users  
Executive Sponsor



## Microsoft

Partner Team  
Account Team  
FastTrack for Azure



## 3<sup>rd</sup> Party Vendors

Network Infrastructure  
LOB Applications

# Skills Readiness Plan



# Skills Readiness

Lack of skills is the #1 blocker to successful cloud adoption

## Customer

- Does the customer understand cloud economics?
- Is the customer aware of the shared responsibility model for cloud services?
- Does the customer's IT team have an understanding of how their roles may change in the cloud?



### Recommendation:

Azure Fundamentals  
AZ-900

## Partner

- Does the partner have a multi-disciplined team to provide expertise across various Azure aspects?
- Is the partner account team aware of their role in supporting the customer cloud environment?
- Does the partner have awareness of support escalation channels?





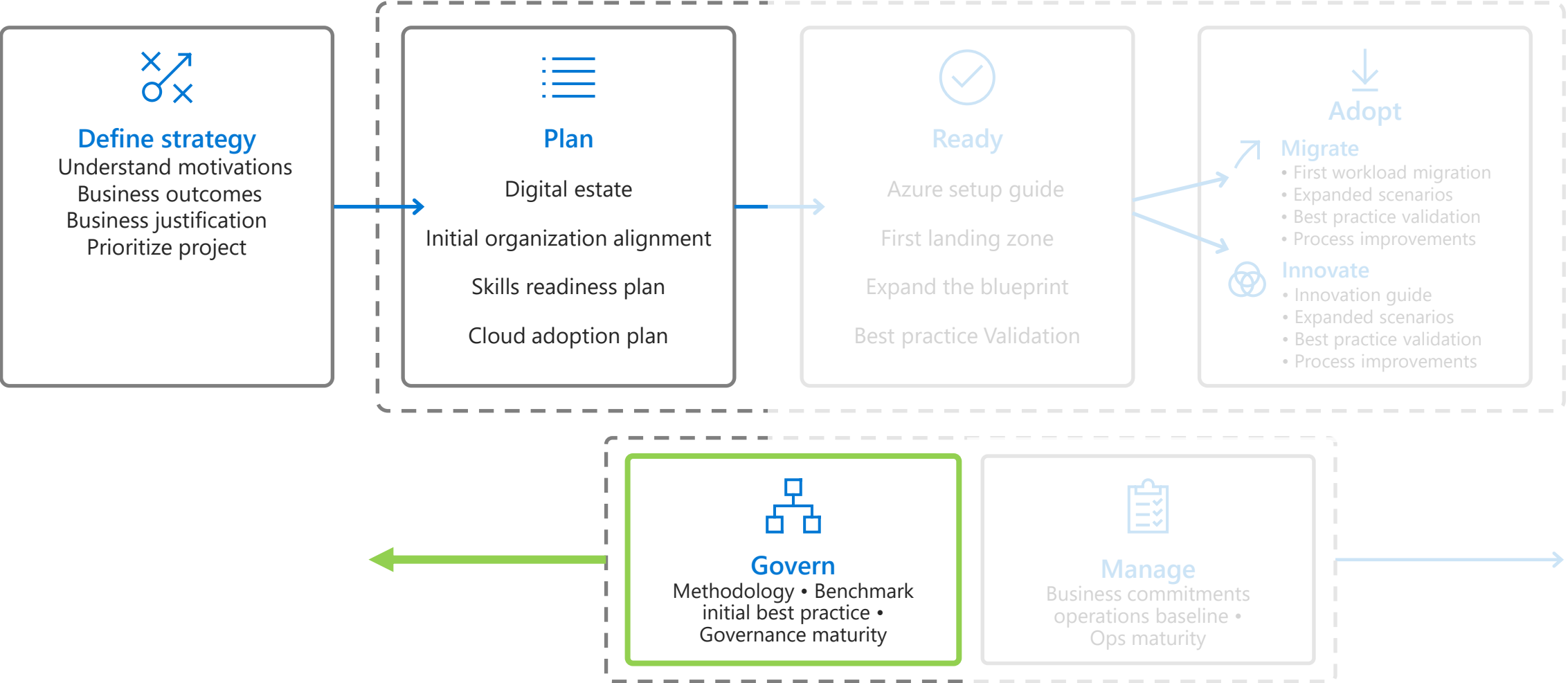
What CONSTRAINTS  
Do We Have?

Governance





# Microsoft Cloud Adoption Framework for Azure



*what constraints should we plan for?*

# Disciplines of Governance

## Govern

## Define Corporate Policy

### Business Risks



Document evolving business risks and the business' tolerance for risk, based on data classification and application criticality

### Policy & Compliance



Convert Risk decisions into policy statements to establish cloud adoption boundaries.

### Process



Establish processes to monitor violations and adherence to corporate policies.

## Five Disciplines of Cloud Governance



### Cost Management

Evaluate & monitor costs, limit IT spend, scale to meet need, create cost accountability



### Security Baseline

Ensure compliance with IT Security requirements by applying a security baseline to all adoption efforts



### Resource Consistency

Ensure consistency in resource configuration. Enforce practices for on-boarding, recovery, and discoverability



### Identity Baseline

Ensure the baseline for identity and access are enforced by consistently applying role definitions and assignments

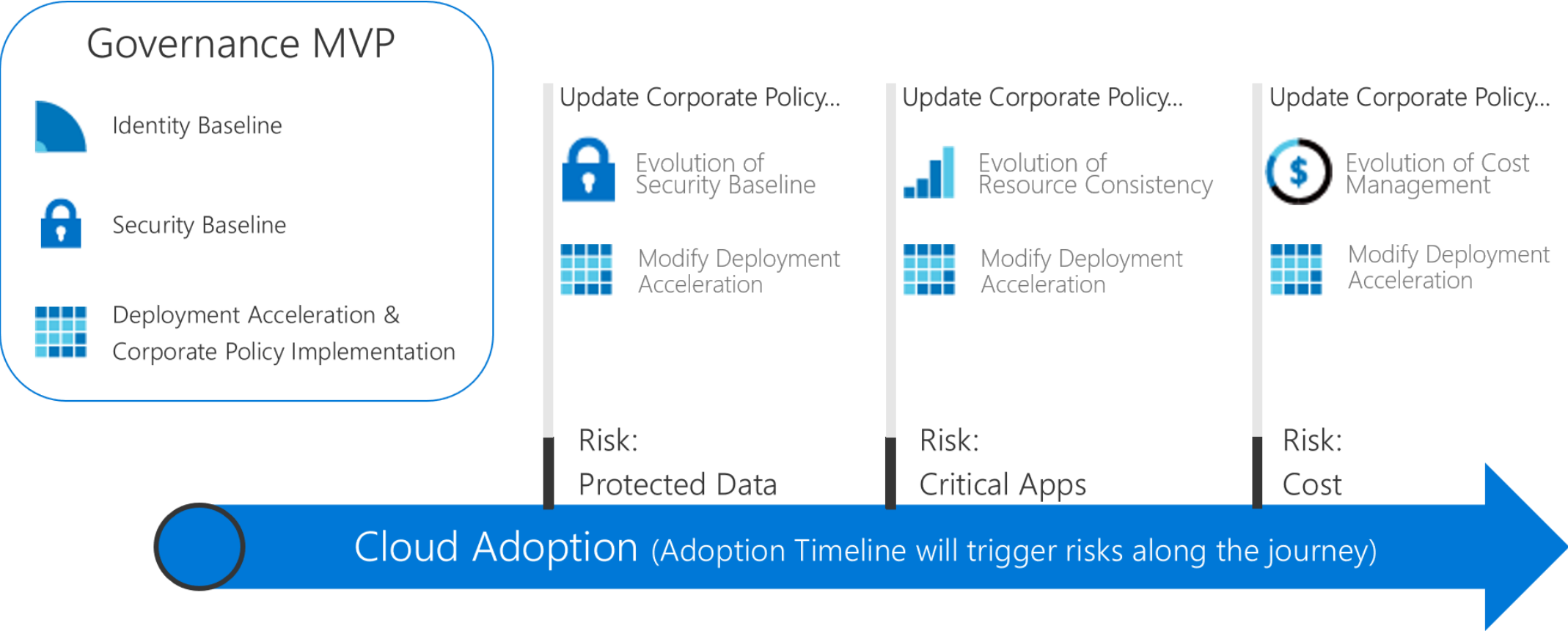


### Deployment Acceleration

Accelerate deployment through centralization, consistency, and standardization across deployment templates

# Start with an MVP

Begin your journey with a small, easily implemented set of governance tools.  
The initial governance foundation is called a minimum viable product (MVP)



# What's Most Important to Our Customer?

Discover what elements of governance are most critical with the Governance Benchmark Tool

## Governance Benchmark Tool

<https://cafbaseline.com/>

Microsoft | Cloud Adoption Framework Governance Benchmark Tool

LoginSign up

Defining Your Business Vision

Defining your goals and mapping your vision will enable your organization to have a clear focus and move forward strategically in the right direction.

Get started by telling us about your vision for the future.

Organization Readiness

Cost Management

Resource Consistency

Security Baseline

Identity Baseline

Deployment Acceleration

Which of the following is most important to accomplish?

☐ Optimizing operations to reduce costs

☐ Engaging customers with improved digital experiences

☐ Transforming products and services to drive new revenue opportunities

☐ Empowering employees to improve agility

Which of the following best represents your primary business strategy focus?

☐ Growing market share

☐ Retaining customers

☐ Improving physical/digital customer experiences

☐ Disrupting the market with new solutions

# HOW & WHEN Are We Going to Do This?

## Cloud Adoption Plan



# Cloud Adoption Plan

## Plan Contents

1. Prerequisites addressed
2. Workloads define and prioritized
3. Asset alignment to workloads
4. Review rationalization decisions
5. Iterations and release plans
6. Timelines

[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 adopt the cloud? 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 adopting the cloud? 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:	
Business Drivers	KPI	Capabilities	
List any business drivers	List success metrics	List necessary capabilities	

# Cloud Adoption Plan

## 1. Prerequisites

Confirm that all prerequisite steps have been completed before you create your plan.

### STRATEGIC INPUTS

**Clear motivations:**

Why are we adopting the cloud?

**Defined business outcomes:**

What results do we expect to see from adopting the cloud?

**Business justification:**

How will the business measure success?

### TACTICAL INPUTS

**Digital estate rationalization:**

Top 10 priority workloads? What additional workloads? Assets in scope? Are initial efforts focused more on migration or innovation?

**Organization alignment:**

Who will do the work? Who is accountable for governance and compliance?

**Skills readiness:**

How many people are in the migration team? How well are their skills aligned? Are partners / other vendors involved?

### GOVERNANCE MVP

**Initial baseline:**

What are the minimum security and compliance requirements to support the first workloads?

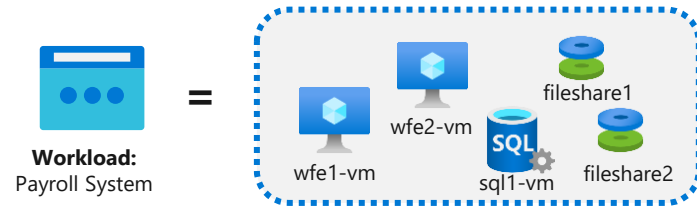


# Cloud Adoption Plan

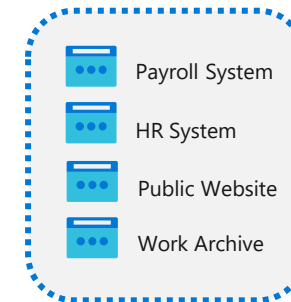
## 2. Define & Prioritize Workloads

Prioritize your first 10 workloads to establish an initial backlog.

**Workload** = collection of assets



**Backlog** = the set of work to prioritize & perform



### “Power of 10” Approach

1. Select 10 workloads – mix of simple & complex
2. Gather business impact & technical data for each workload
3. Analyse and agree priority with strategy & technical team
4. Add prioritized list of workloads to backlog
5. Repeat

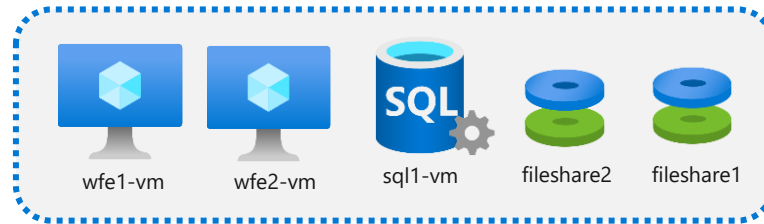
# Cloud Adoption Plan

## 3. Align assets to workloads

Identify which assets (proposed or existing) are required to support the prioritized workloads.

### Workload:

Payroll System =



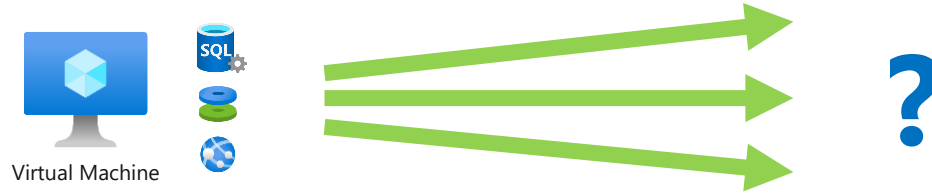
### Questions

- Are any assets shared with other workloads?
- What dependencies are involved?
- Will additional supporting resources be required in Azure?

# Cloud Adoption Plan

## 4. Review Rationalization Decisions

Review rationalization decisions to refine adoption path decisions: migrate or innovate.



### Questions

- Is each asset being simply migrated as a whole?
- Can we innovate simply by refactoring?
- What would be the impact to other workloads?

# Cloud Adoption Plan

## 5. Establish Iterations & Release Plans

*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.

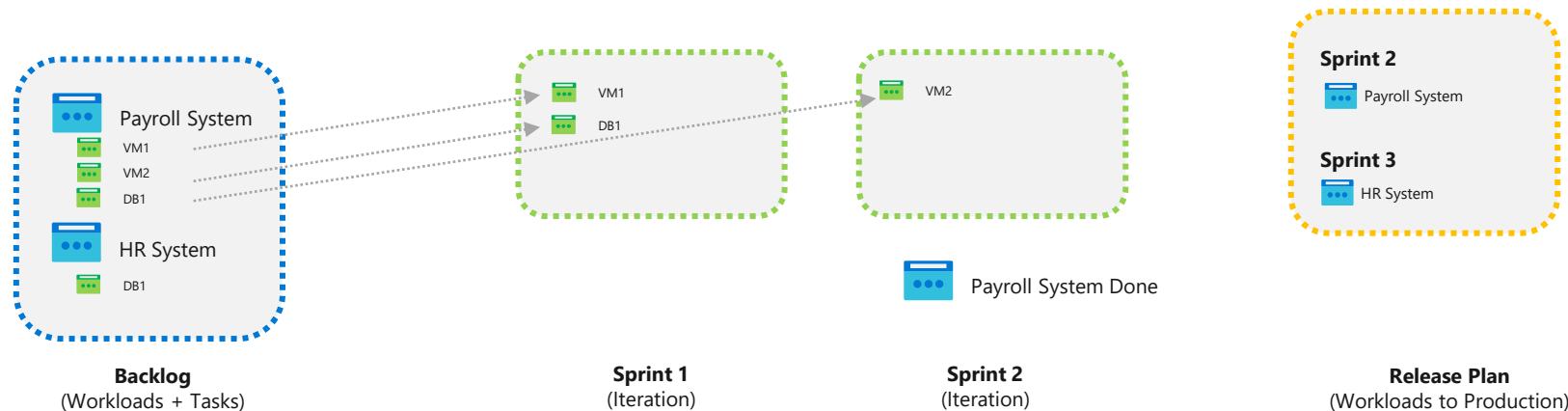
### Iterations (aka sprints):

Recurring time blocks in which to allocate work tasks

1 week to 6 weeks (usually 2 weeks)

### Release Plan

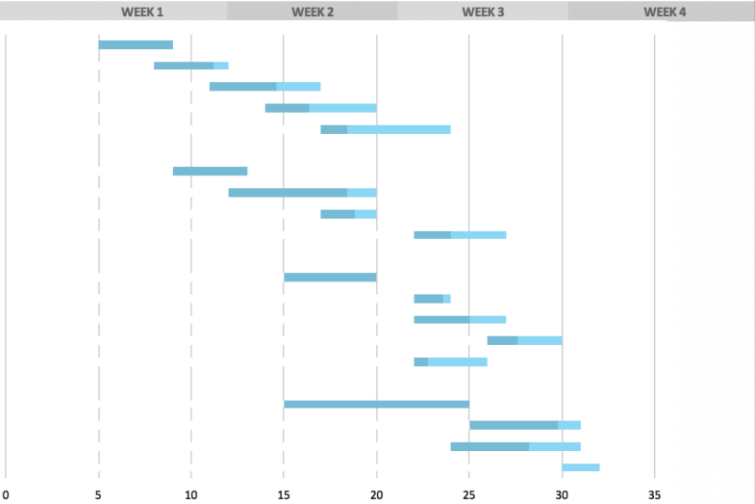
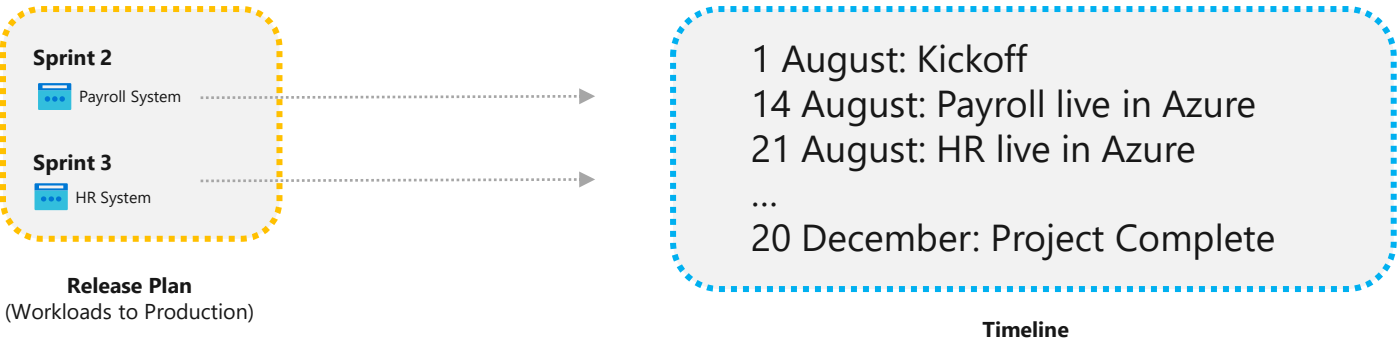
Rough timeline for when workloads will be ready for production migration cutover



# Cloud Adoption Plan

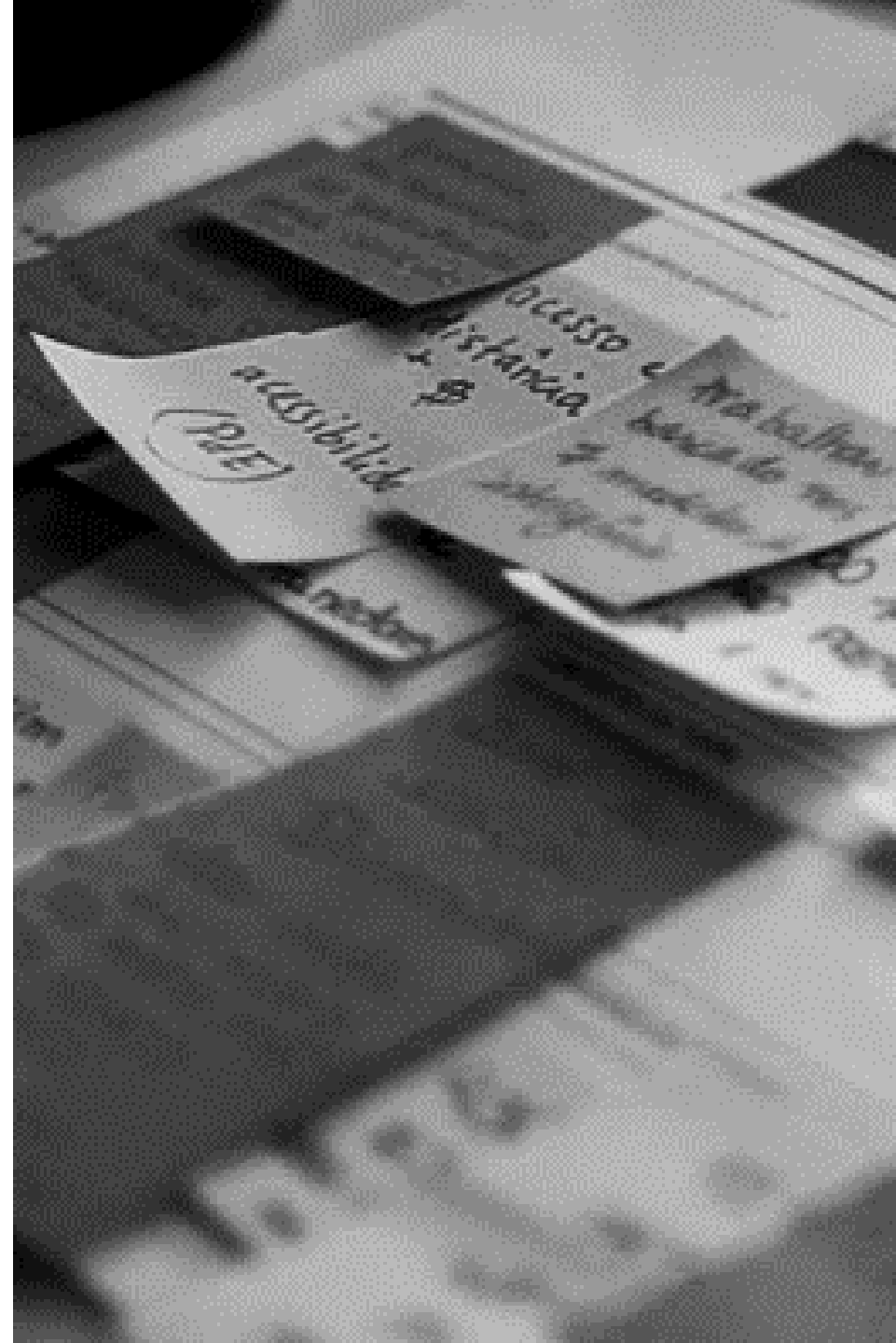
## 6. Establish Timelines

Establish rough timelines for release planning purposes, based on initial estimates.



# Tracking Our Work

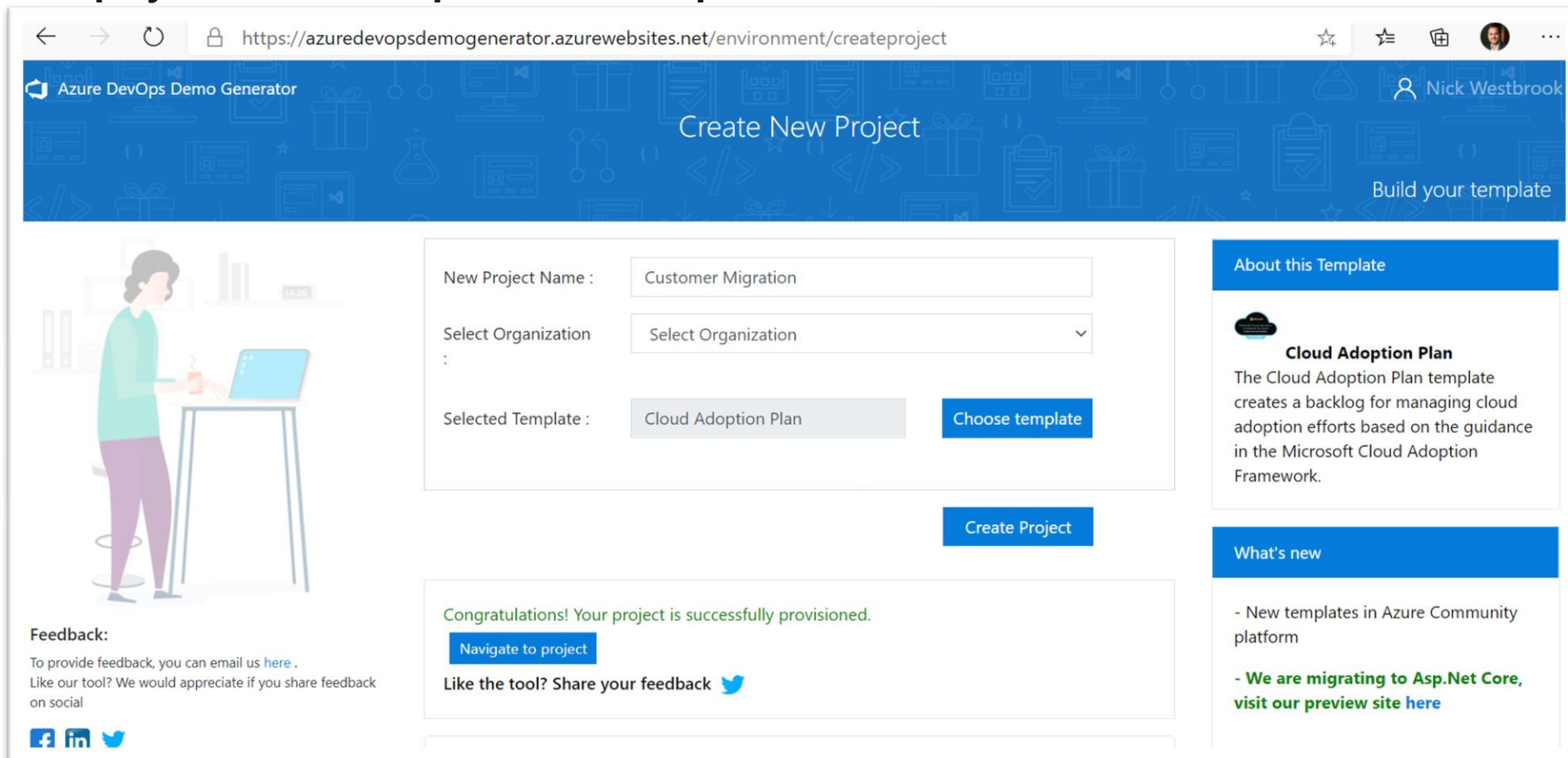
## Azure Boards / Devops



# Azure Boards

Track your migration project using Azure DevOps

## 1. Deploy the “Cloud Adoption Plan” template

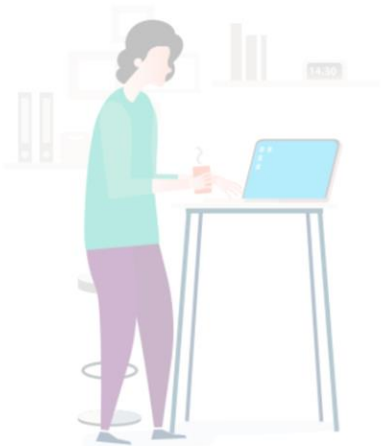


← → ↺ 🔒 <https://azuredevopsdemogenerator.azurewebsites.net/environment/createproject> ☆ ⚙️ 🏠 👤 Nick Westbrook

Azure DevOps Demo Generator

### Create New Project

Build your template



**Feedback:**  
To provide feedback, you can email us [here](#) .  
Like our tool? We would appreciate if you share feedback on social

[f](#) [in](#) [t](#)

New Project Name :

Select Organization :


Selected Template :  [Choose template](#)

[Create Project](#)

**Congratulations! Your project is successfully provisioned.**  
[Navigate to project](#)

Like the tool? Share your feedback [t](#)

#### About this Template

**Cloud Adoption Plan**  
The Cloud Adoption Plan template creates a backlog for managing cloud adoption efforts based on the guidance in the Microsoft Cloud Adoption Framework.

#### What's new

- New templates in Azure Community platform
- **We are migrating to Asp.Net Core**, visit our preview site [here](#)

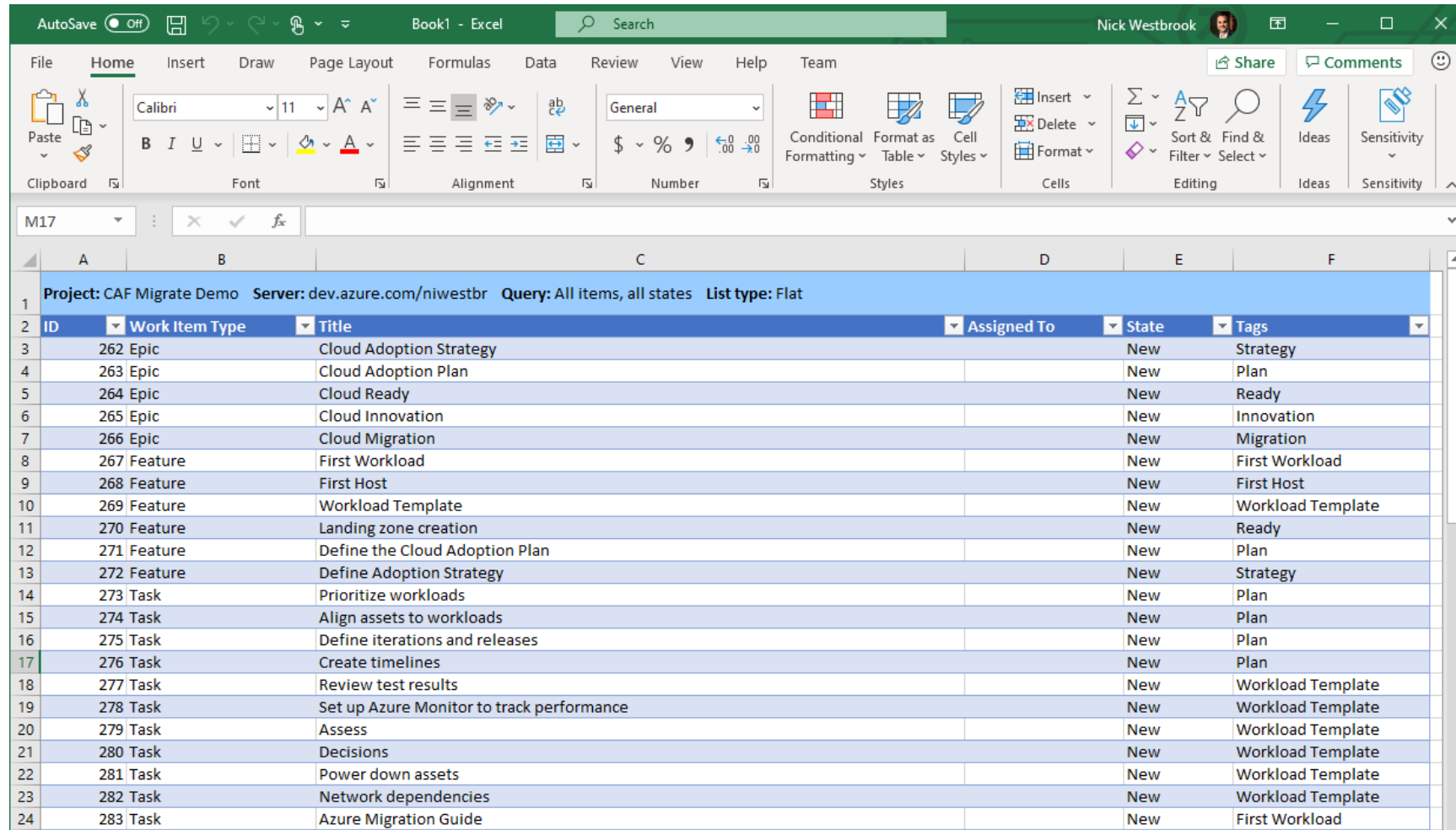
<https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/plan/template>



# Azure Boards

Track your migration project using Azure Devops

## 2. (optional) Bulk import / edit work items in Excel



The screenshot shows the Microsoft Excel interface with a table of Azure Boards work items. The table is titled 'Project: CAF Migrate Demo' and includes a search bar with the query 'All items, all states' and a list type of 'Flat'. The table has the following columns: ID, Work Item Type, Title, Assigned To, State, and Tags. The data is as follows:

ID	Work Item Type	Title	Assigned To	State	Tags
262	Epic	Cloud Adoption Strategy		New	Strategy
263	Epic	Cloud Adoption Plan		New	Plan
264	Epic	Cloud Ready		New	Ready
265	Epic	Cloud Innovation		New	Innovation
266	Epic	Cloud Migration		New	Migration
267	Feature	First Workload		New	First Workload
268	Feature	First Host		New	First Host
269	Feature	Workload Template		New	Workload Template
270	Feature	Landing zone creation		New	Ready
271	Feature	Define the Cloud Adoption Plan		New	Plan
272	Feature	Define Adoption Strategy		New	Strategy
273	Task	Prioritize workloads		New	Plan
274	Task	Align assets to workloads		New	Plan
275	Task	Define iterations and releases		New	Plan
276	Task	Create timelines		New	Plan
277	Task	Review test results		New	Workload Template
278	Task	Set up Azure Monitor to track performance		New	Workload Template
279	Task	Assess		New	Workload Template
280	Task	Decisions		New	Workload Template
281	Task	Power down assets		New	Workload Template
282	Task	Network dependencies		New	Workload Template
283	Task	Azure Migration Guide		New	First Workload

# Azure Boards

Track your migration project using Azure DevOps

## 3. Assign tasks to people, allocate work to sprints

niwestbr / CAF Migrate Demo / Boards / Backlogs

CAF Migrate Demo Team

Backlog Analytics + New Work Item View as Board Column Options ...

Order	Work Item Type	Title	State	Story ...	Value Area	Iteration Path	Tag
1	User Story	> Prerequisites	New		Business	CAF Migrate Demo	W
2	User Story	> Assess the workload	New		Business	CAF Migrate Demo	W
+ 3	User Story	> VM - UX Server	New		Business	CAF Migrate Demo	W
	Task	Assess	New			CAF Migrate Demo	W
	Task	Migrate	New			CAF Migrate Demo	W
	Task	Optimize workload(s)	New			CAF Migrate Demo	W
	Task	Secure and Manage	New			CAF Migrate Demo	W
	Task	Document configuration	New			CAF Migrate Demo	W
4	User Story	> VM - Middle Tier	New		Business	CAF Migrate Demo	W
5	User Story	> VM 3 - SQL Server	New		Business	CAF Migrate Demo	W
6	User Story	> Test Workload	New		Business	CAF Migrate Demo	W
7	User Story	> Optimize Workload Assets	New		Business	CAF Migrate Demo	W
8	User Story	> Promote Workload	New		Business	CAF Migrate Demo	W
9	User Story	> Decommission Retired Assets	New		Business	CAF Migrate Demo	W
10	User Story	> Extend the landing zone for VMWare	New		Business	CAF Migrate Demo	Fit
11	User Story	> Migrate VMs	New		Business	CAF Migrate Demo	Fit
12	User Story	> Update migration assessment, decision tree, and tooling	New		Business	CAF Migrate Demo	Fit

# Azure Boards

Track your migration project using Azure DevOps

## 4. Update work items & track to completion

The screenshot displays the Azure DevOps Boards interface for the 'CAF Migrate Demo' team. The left sidebar shows navigation options: Overview, Boards (selected), Work items, Backlogs, Sprints, Queries, Repos, Pipelines, Test Plans, Artifacts, and Compliance. The main area shows a Kanban board with four columns: New, Active (2/5), Resolved (3/5), and Closed. Each column contains work item cards. The 'New' column has four items (332, 334, 335, 338) all in 'New' state. The 'Active' column has two items (331, 333) in 'Active' state. The 'Resolved' column has three items (336, 337, 339) in 'Resolved' state. Each card shows a title, state, 'Workload Template' tag, and a progress indicator (e.g., 0/5, 0/3, 0/4).

Column	Count	Item ID	Title	State	Progress
New	0/5	332	Assess the workload	New	0/5
		334	VM - Middle Tier	New	0/5
		335	VM 3 - SQL Server	New	0/5
		338	Promote Workload	New	0/5
Active	2/5	331	Prerequisites	Active	0/3
		333	VM - UX Server	Active	0/5
Resolved	3/5	336	Test Workload	Resolved	0/4
		337	Optimize Workload Assets	Resolved	0/4
		339	Decommission Retired Assets	Resolved	0/3

# To Recap...

## Define Strategy



## Plan



### Answering

Why?  
Business outcomes we're aiming to achieve

How?  
(+ who, what, where, when)

### Using Tools

Cloud Journey Tracker

Strategy & Plan Template  
Solution Assessments  
TCO Reports  
Azure Devops / Boards

### Addressing

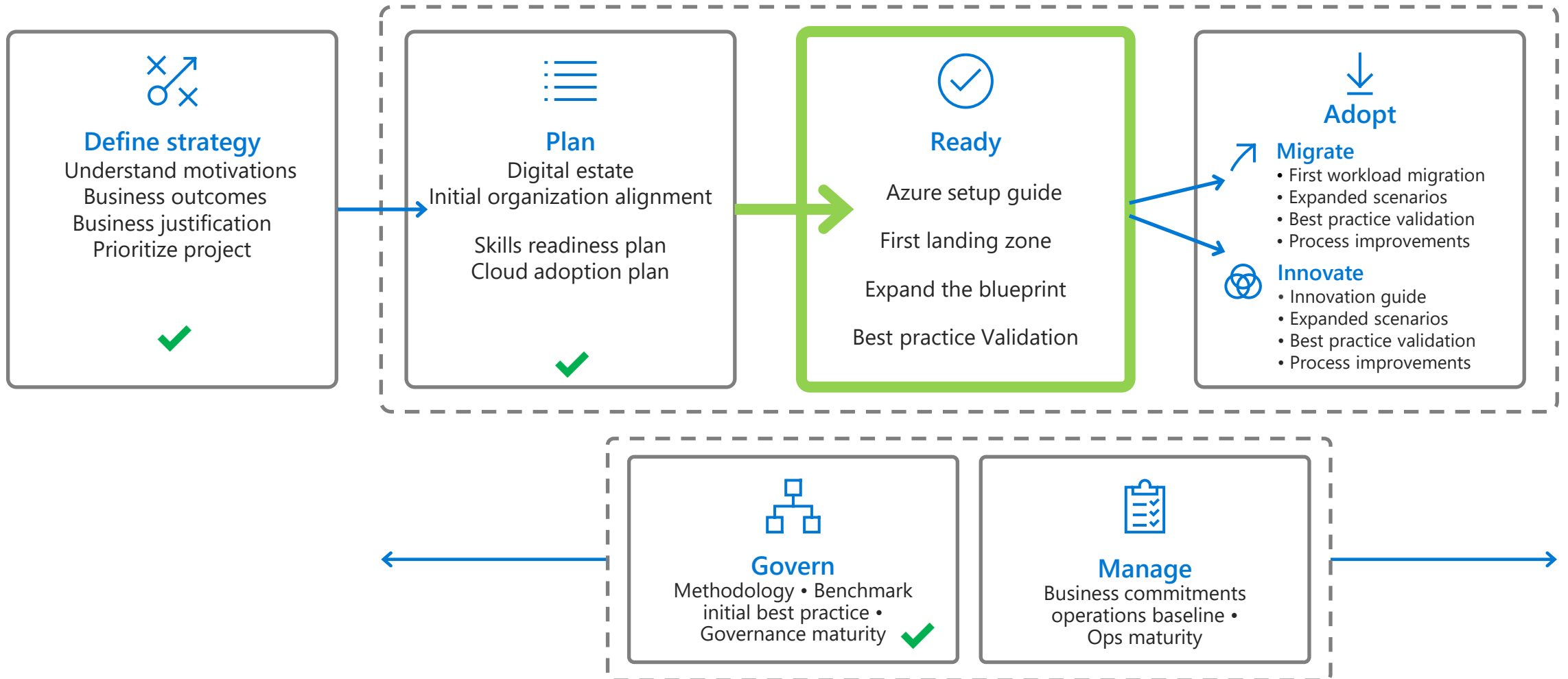
What's motivating customer actions?  
What is the customer hoping to achieve?

Workloads in scope?  
Intended future state of workload?  
Who's on board with the right skills?  
Timelines, priorities, iterations?  
How will we track progress?

# Next Session:

# Get READY to Migrate

Tuesday 13 October













# Project Journey

## Homework



# Homework

Topic	Link
Get more detail on Cloud Adoption Framework: Plan & Govern phases	 <a href="#">CAF Documentation: PLAN phase</a>  <a href="#">Microsoft Learn Module: CAF – PLAN</a>   <a href="#">CAF Documentation: READY phase</a>  <a href="#">Microsoft Learn Module: CAF – READY</a>
Get up to speed with Azure Devops / Azure Boards / Agile	 <a href="#">Microsoft Learn Module: Evolve Your Devops Practices</a>
Get familiar with Tools & Templates	 <a href="#">CAF Strategy &amp; Plan Template</a>  <a href="#">CAF Governance Baseline Assessment</a>  <a href="#">Devops: Cloud Adoption Plan Generator</a>
Assessment Tooling  Register for tooling training series	 <a href="#">Microsoft Learn Module: Discover and Assess with Azure Migrate</a>   REGISTER HERE for sessions on additional tooling options: <a href="https://www.microsoftevents.com/profile/web/index.cfm?PKwebID=0x2039100abcd">https://www.microsoftevents.com/profile/web/index.cfm?PKwebID=0x2039100abcd</a>



# Q&A Now

Ask your questions in the box to the right

# Q&A Later: Office Hours

Want to discuss any content or opportunities with us 1:1?

Tuesday 6 October

10am – 12pm Singapore Time (UTC +8)

Book a slot through your Microsoft Partner Manager team or  
[projectjourney@microsoft.com](mailto:projectjourney@microsoft.com)

Contact us - [projectjourney@microsoft.com](mailto:projectjourney@microsoft.com)

# Your feedback is important

*Tell us what you think*



Nick Westbrook



Jenzus Hsu



Nicolas Yuen



Inseob Kim



<https://aka.ms/JourneySurvey2>





We passionately pursue customer success through value co-creation with partners on Microsoft technologies.

