#### SYNNEX STELLR

Thank you for joining our SYNNEX Microsoft Virtual Training event today!

We will begin shortly – about 2 minutes after the hour.

We will be recording this session. If you do not wish to be recorded, please drop from this session now.





Tuesday, October 27, 2020

#### SYNNEX STELLR

Strategies for Building Your Azure Cloud Practice using the Microsoft Cloud Adoption Framework

Greg White – Manager, Cloud Sales Engineering





Change is difficult! Microsoft understand that. Change impacts people, culture, and sometimes... just feels too risky! Change requires radical thinking.

Change requires organizations to adapt, take risks, and learn quickly.

Change requires a culture shift within your organization, And, often... Change is difficult! Microsoft understand that. Change impacts people, culture, and just... sometimes feels too risky! Change requires radical thinking.

It requires organizations to adapt, take risks, and learn quickly.

Change requires a culture shift within your organization, And, often... must start with you!

## Industries are embracing change

[With commerce] we now have the tools and

insights we need to adapt to the market and

roll out new experiences faster and more

strategically than we could before."

Director of Digital Marketing, Ste. Michele Wine Estates

We have seen two years worth of digital transformation in the last couple of months. — No industry has been left untouched by the global health crisis of 2020. Change is happening—along with innovation and lessons for progress. Satya Nadella, CEO - Microsoft



– Retail

Even in the face of unprecedented disruption, you can engage with customers more meaningfully to create strong, long-lasting relationships.



#### Healthcare

Consider new solutions to solve old problems, such as virtual visits to meet with patients in a physically safe environment while improving efficiency and provider accessibility.



#### Manufacturing

Have the data and analytics to be agile and flexible, and adjust to new customer needs, thus improving the customer experience.

## محمح

#### - Financial Services

Enable employees to serve customers and work from anywhere with continuous remote access to everything.



Mija Suortii,

#### - Government

Modernize outdated platforms to reduce costs, improve scalability, and meet compliance requirements.



#### **Professional Services**

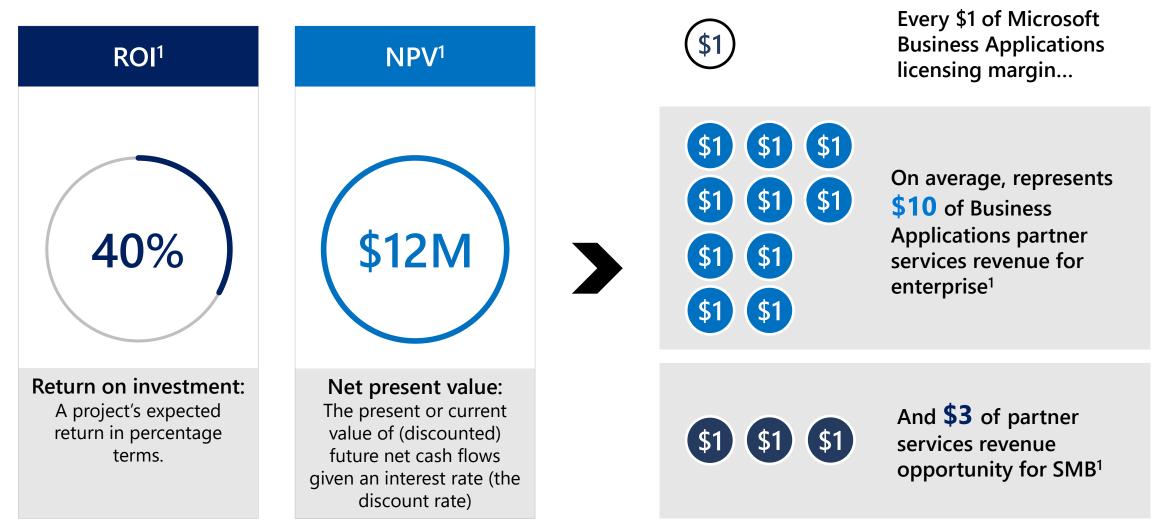
Leverage modern solutions that help you expand your reach, know your clients and enhance customer relationships, while continuing to employ strategies to optimize your brand performance.

"Our mobile sales force, using MS Dynamics 365 with Cincom CPQ, is able to develop, manage, and track a Quote, add and save a configuration and provide a document output representing solution options to the customer quicker than ever before."

Jeniffer Wells, Senior Analyst BGE HOME

## Big opportunity for services partners

Three-year analysis shows **40%** ROI and **\$12M** NPV on building a Business Applications practice<sup>1</sup>



## What's required... is an iterative process...

# Ready! Aim! Fire!



## What's required... is an iterative process...

# Ready! Fire! Aim!

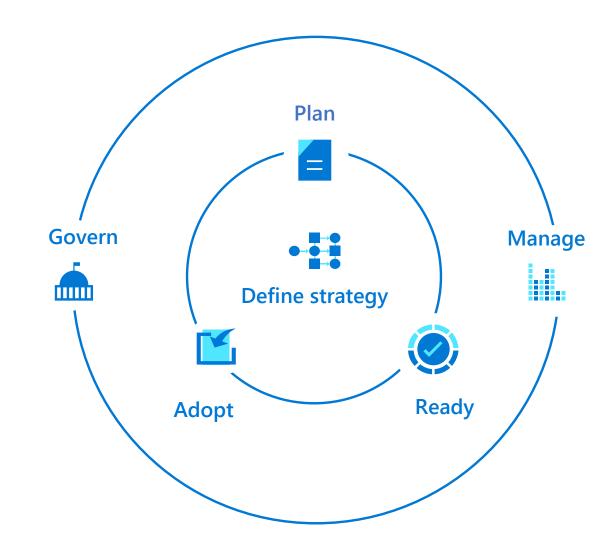


## What's required... is an iterative process...

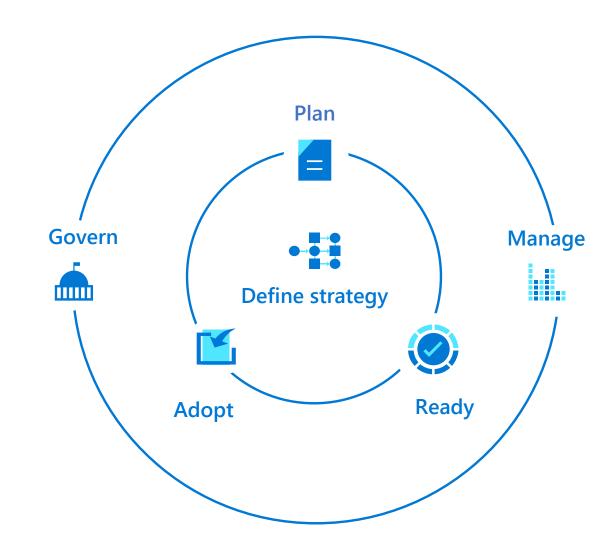
# Fire! Ready! Aim!



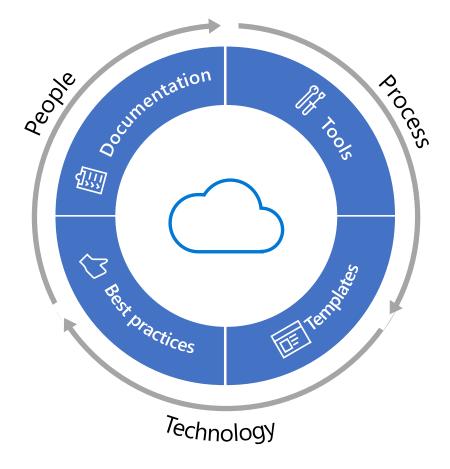
What's required... is an iterative process that supports your business ... as it evolves



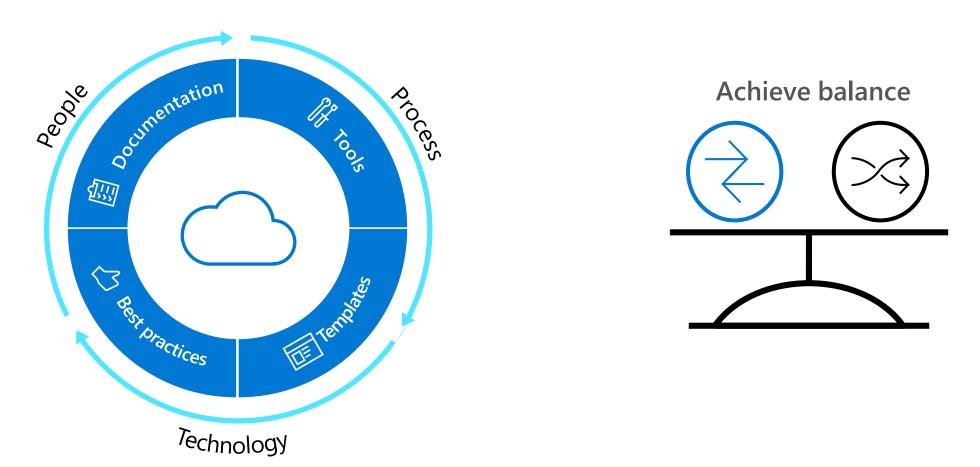
What's required... is an iterative process that supports your business ... as it evolves



What's required... is an iterative process that supports your business ... as it evolves



## **Microsoft Cloud Adoption Framework**



Align—People, Process and Technology strategy.
 Achieve—business goals with actionable, efficient, and comprehensive guidance.
 Deliver—fast results with control and stability.

## **Cloud Adoption Motivations**

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

### Critical Business Events

- o Data center exit
- o Mergers, acquisition or divestiture
- o Reductions in capital expenses
- End of support for mission critical technologies
- Regulatory compliance, data sovereignty requirements
- Reduce disruptions and improve IT stability

### Migration Motivations

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

#### Innovation Motivations

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

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## Critical Business Events - SMB

- o Aging hardware replacement
- Expanding regional locations
- $\circ$  Better control of cash flow
- LOB vendors discontinuing on-prem software
- Risk and cost of maintaining industry regulations and international compliance concerns
- Implement an affordable BC/DR plan



- Cost Savings
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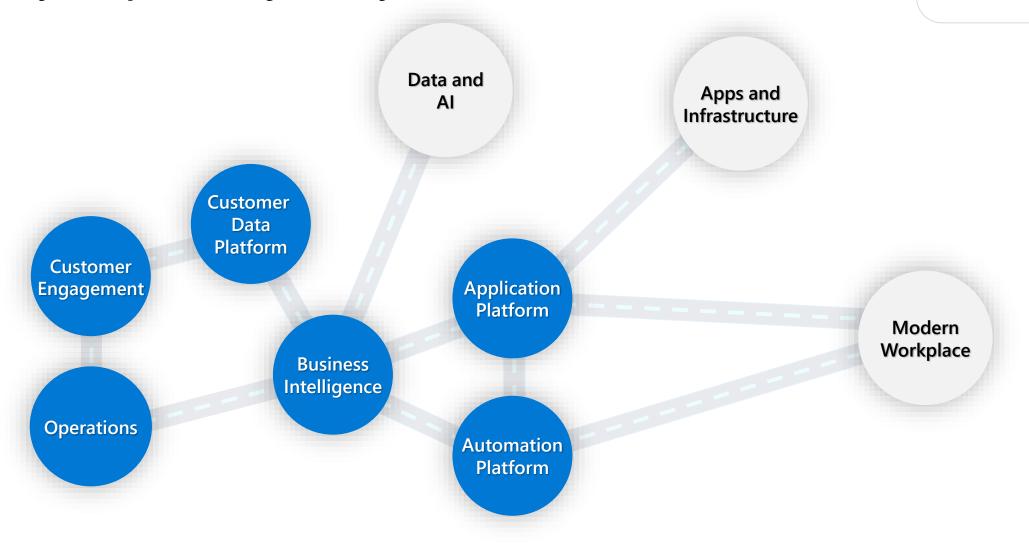


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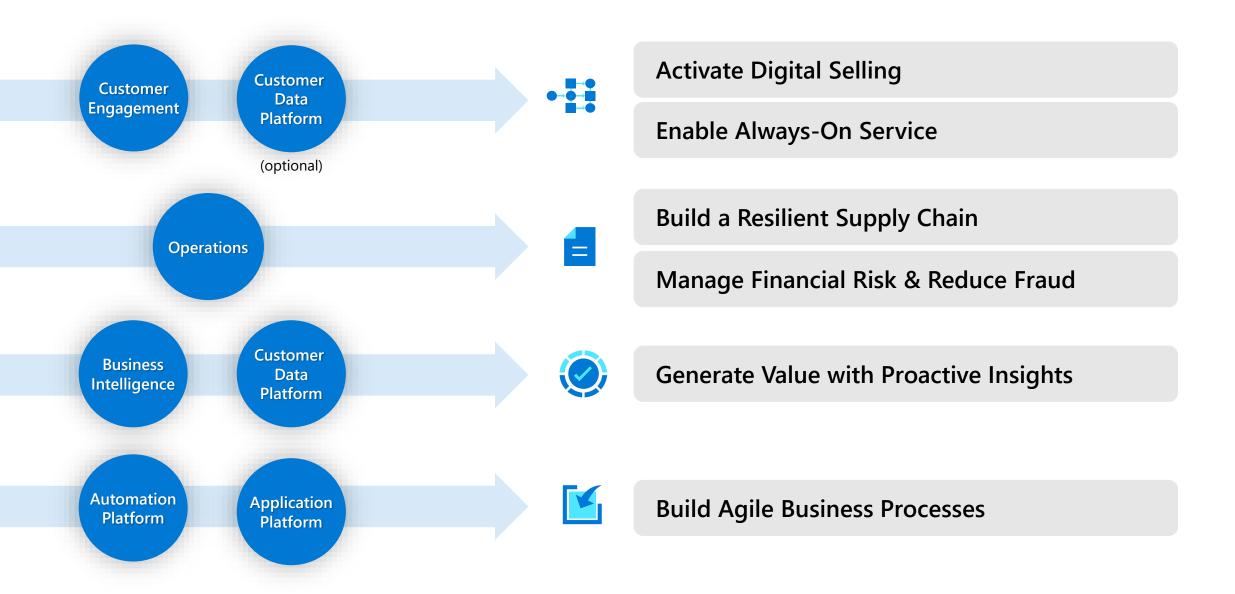
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# Six cloud markets, many possibilities to start and expand your practice journey



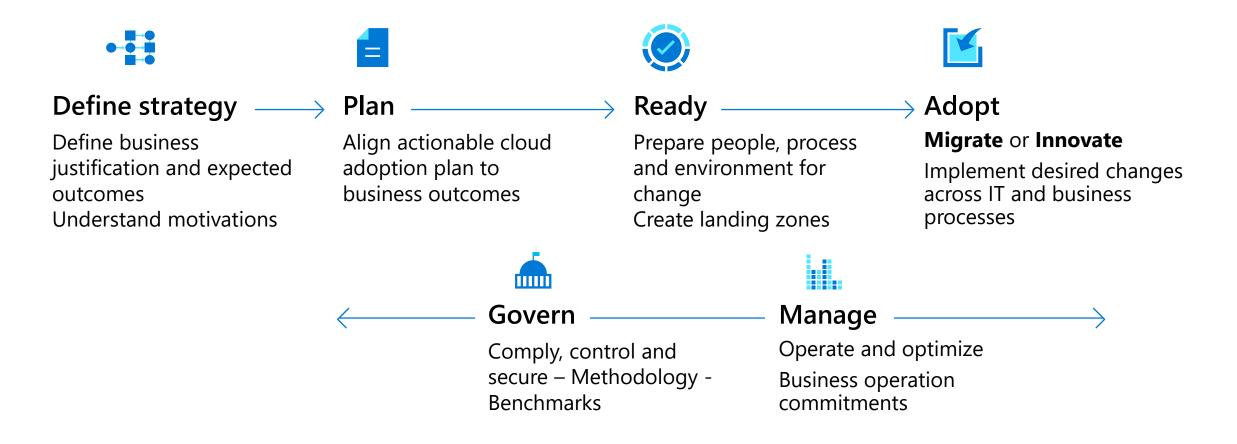
Business Applications Cloud Markets

Other Solution Areas Enter these cloud markets with six Business Applications plays that deliver the capabilities and innovations that deliver customer value and grow your practice.

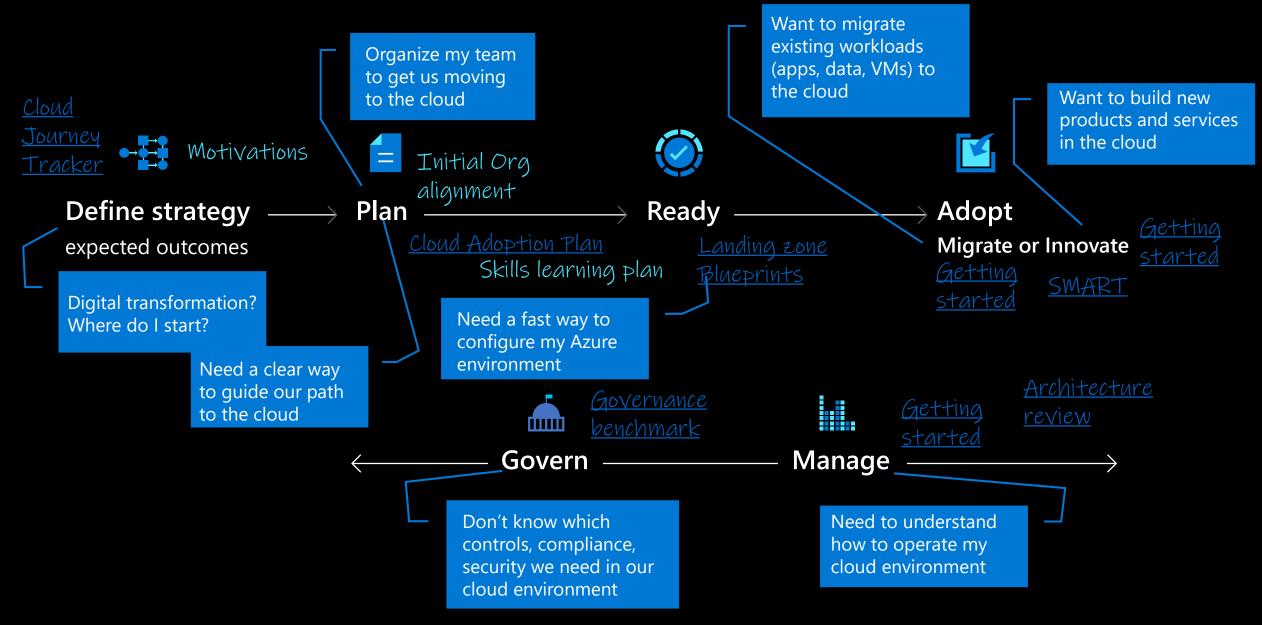


## **Microsoft Cloud Adoption Framework**

Proven business and technical guidance to help customers create and implement the **business and technology strategies** necessary to succeed in the cloud



## **Overcoming common blockers**



## Tools, templates, and assessments

### • Define strategy

- Cloud journey tracker
- Business outcome template

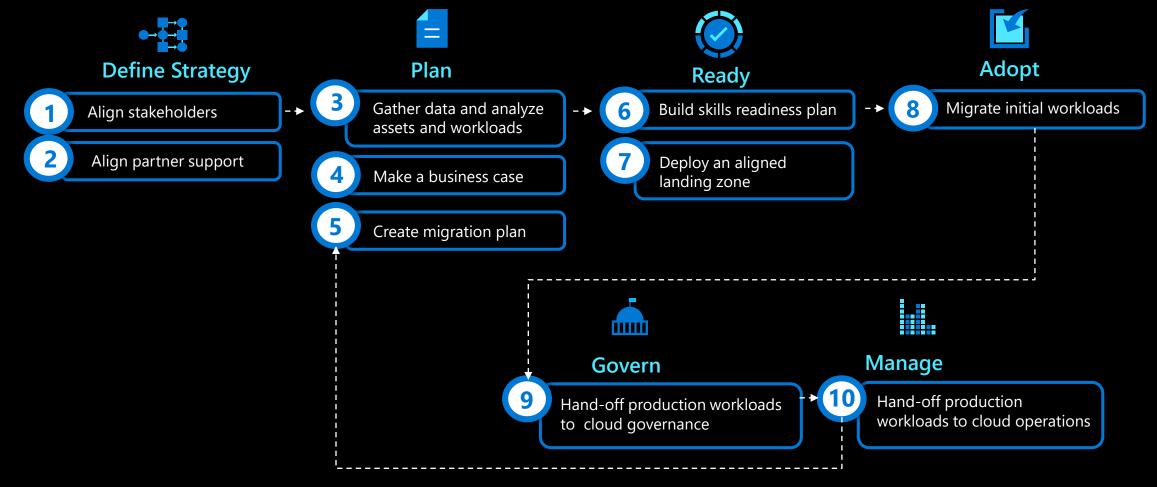
Adopt Ready = Plan Strategic migration assessment Azure setup guide Azure DevOps demo generator and readiness tool (SMART) Readiness checklist Cloud adoption plan template Azure migration guide Naming and tagging tracking Azure innovation guide template Landing zone blueprints Manage Govern Microsoft Azure Well-Architected Review Governance benchmark Best practices source code Governance process template **Operations management workbook** Cost Management process template Deployment acceleration process template Identity process template Resource consistency process template Security baseline process template

### Find *your path*—get started on your journey

Microsoft Docs Documentation Learn Code Samples Azure Product documentation Azure / Cloud Adoption Framework Bookmark Get started with the Cloud Adoption Framework 😽 Filter by title 05/04/2020 • 2 minutes to read • 🖱 📾 Cloud Adoption Framework for Azure About the Framework These common scenarios provide a roadmap through the Microsoft Cloud Adoption Framework for Azure. They can help you create What's new balance between speed, innovation, and control by using an agile approach to starting with a minimally viable solution that you can Get started iterate on and improve over time. Overview > Foundational alignment Accelerate migration We need to understand the fundamental concepts If your journey involves the cloud there are a few initial concepts to understand, and around cloud adoption decisions to make Build new products and services Unblock environment design and configuration We want to migrate existing workloads to the cloud This guide is a great starting point if your primary focus is migrating on-premises Deliver operational excellence workloads to the cloud. Manage cloud costs We want to build new products and services in the This guide can help you prepare to deploy innovative solutions to the cloud. Secure the enterprise environment cloud Improve reliability We are blocked by environment design and This guide provides a guick approach to designing and configuring your environment. Ensure consistent performance configuration Align your organization We need to ensure operational excellence during Build a cloud strategy team The steps in this guide help the strategy team lead the organizational change cloud transformation management required to consistently ensure operational excellence Build a cloud adoption team Build a cloud governance team We need to manage enterprise costs Start optimizing enterprise costs and manage cost across the environment. Build a cloud operations team We need to secure the enterprise cloud environment This getting started guide can help ensure the proper security requirements have been Strategy applied across the enterprise to minimize risk of breach and accelerate recover when Plan breach occurs. Ready We want to apply the right controls to improve This getting started guide helps minimize disruptions related to inconsistencies in Adopt reliability configuration, resource organization, security baselines, or resource protection policies. Govern We need to ensure performance across the This getting started guide can help you establish processes for maintaining performance Manage enterprise across the enterprise. Organize We want to align our organization This getting started guide can help you establish an appropriately staffed organizational Resources structure. We're considering building a cloud strategy team This guide helps decide if you need a strategy team, and outlines what that team does nload PDF

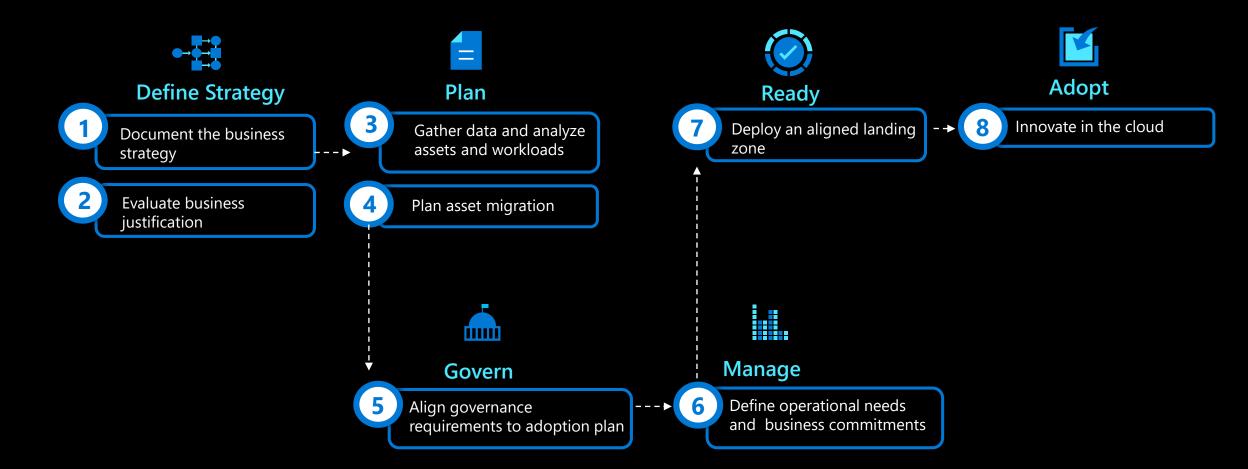
Use the <u>Get Started Guides</u> as your roadmap through the Cloud Adoption Framework to overcome common blockers

## Migrate existing workloads

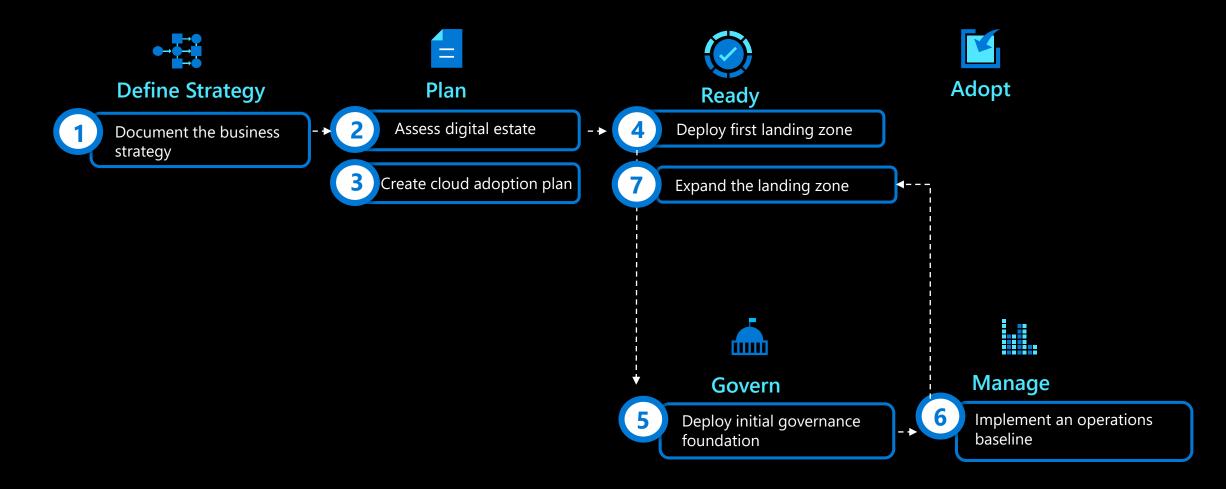


aka.ms/adopt/getstarted-migrate

## Build new products and services

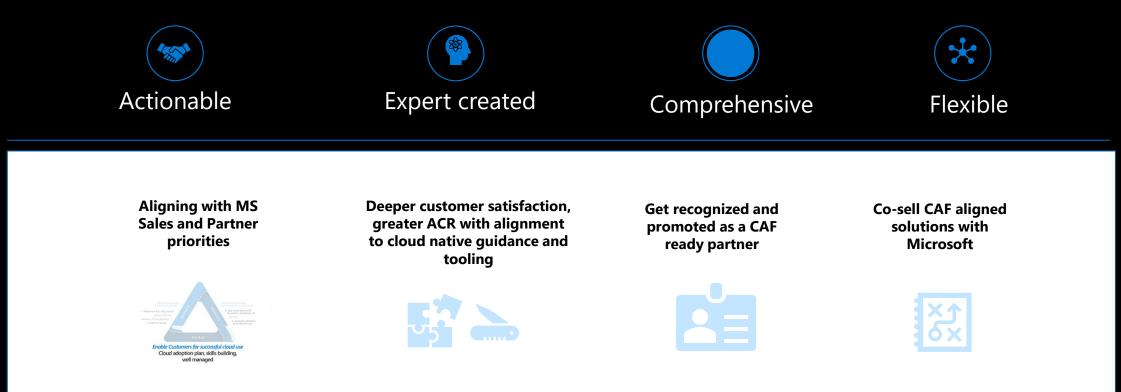


## Unblock environment design and configuration



### Critical for our partners to adopt the Microsoft Cloud Adoption Framework for increased success in the cloud

The Cloud Adoption Framework shows up in everything we do with customers, and across our field and partner communities



## **Practices aligned to Cloud Adoption Framewrok**

Partner is part of Microsoft's Verified Partner community

Azure Expert MSP / Advanced Specialization partners automatically demonstrate Cloud Adoption Framework Readiness through their respective audits

Get Showcased! <u>Azure.com - > Find a partner</u> <u>Azure Migration Center</u>

Get prioritized through all programs that incorporate the Cloud Adoption Framework Azure Migration Program Azure Migration Center

#### **ACTIONs for partners**

- ✓ <u>Become an Azure Expert MSP</u>
- Become an advanced specialized partner

#### Save time and money—work with an Azure partner

Seek out the highest standard of Azure solution delivery

Grow your organization with help from a partner

Get the technical assistance, advice, and support to invent and deliver the Azure solutions your organization needs. Azure partners assess your goals and show you ways to get there with Azure—as well as opportunities that may be new to you.

#### Choose a partner with verified capability

Azure advanced specialization partners and Azure Expert Managed Service Providers undergo independent technical validation of their skills to ensure they meet Microsoft standards. Move forward confidently knowing your partner has proven their abilities and is committed to your success.

#### Azure advanced specialization partners

Bring aboard high-quality consulting and delivery services plus a depth of expertise addressing specific, complex solution areas with Azure, such as:

- Windows Server and SQL Server migration.
- Linux and open-source database migration.
- SAP on Azure.
- Kubernetes on Azure.
- Web application modernization.
- Data warehouse migration.

#### Find an Azure advanced specialization partner >

#### Azure Expert Managed Service Providers

Get help with automation, cloud service operations, and optimization—along with a breadth of Azure expertise. Azure Expert Managed Service Providers offer:

- End-to-end lifecycle management throughout all engagement phases.
- Repeatable, highly automated solutions to enable and support hyper-scale cloud implementations.
- Skillsets across DevOps and sysops, architecting cloud solutions and technical professional consulting.

## Deliver repeatable success through packaged offers

Publish your Cloud Adoption Framework aligned offer to Azure Marketplace for additional customer discovery

Discover new customers through Azure Marketplace with your Cloud Adoption Framework offer <u>Aka.ms/adopt/partneroffers</u>

Field sellers and PDMs prioritize CAF aligned co-sell offers for customer engagements

#### **ACTIONs for partners**

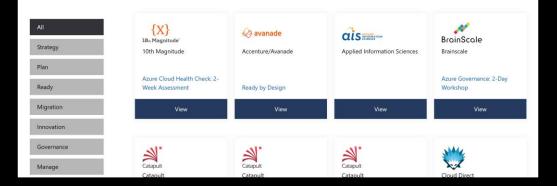
- ✓ Use the <u>Cloud Adoption Framework Partner offer</u> <u>validation guide</u> to build a good offer
- Note that Azure Expert MSPs or Advanced Specialized Partners in migration can **bypass** the Ready and Migrate stages in the validation guide
- Submit the offer to be featured through your PDM

#### **Cloud Adoption Framework for Azure**

Browse offers built on the Cloud Adoption Framework from Microsoft Partners

#### Find offers for your business and technical needs by Cloud Adoption Framework phases

Select business and technical offers from premier Microsoft partners, based on where you are in your digital transformation journey. Offers are aligned to and validated against the guidance in the stages of the Cloud Adoption Framework.



#### Aka.ms/adopt/partneroffers

## Next steps

We have additional resources and opportunity deep dives on each of our core sales plays for Dynamics 365 and Power Platform. Please note you will need to login with your MPN credentials to view some of these assets.

#### **Download the Partner** Playbook

Learn how to get started as a partner.

 $(\rightarrow)$ Learn more

#### Develop a competency

Demonstrate your proven expertise in delivering quality solutions in a specialized area of business.

Learn more (→)

#### Take advantage of partner incentives

Accelerate business growth with partner incentives that will help you reach more customers.

**(→)** Learn more

#### Dive deeper into partner opportunity

Get more details on the practice area where you want to develop your business.

**Activate Digital Selling**  $(\rightarrow)$ 

**Enable Always-On Service** 

**Build Agile Business Processes (→)** 

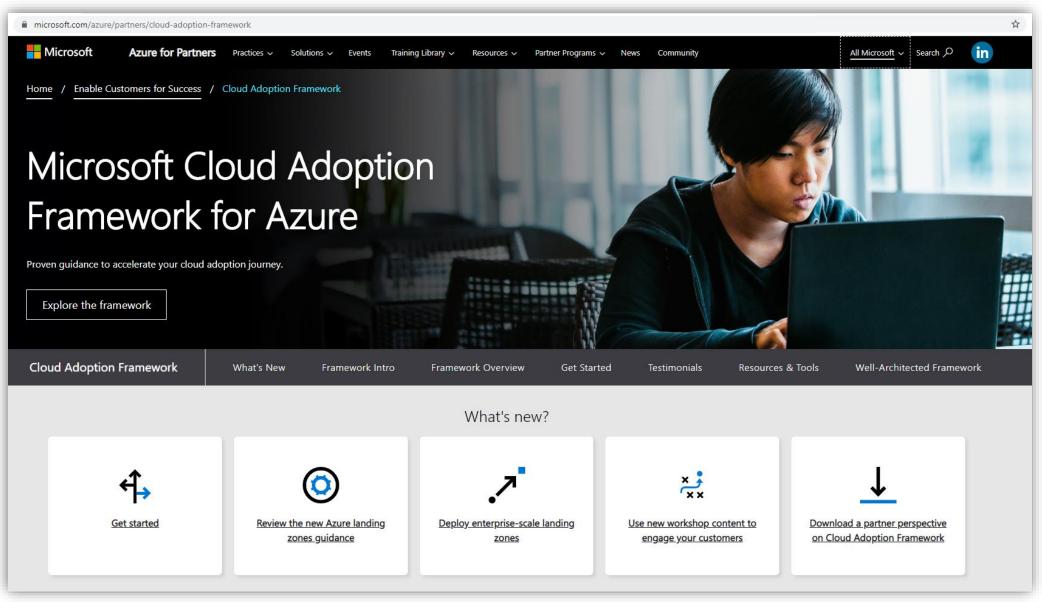
Manage Financial Risk & Reduce Fraud (→)

**Build a Resilient Supply Chain** (→)

 $(\rightarrow)$ 

**Generate Value with Proactive Insights** 

## Cloud Adoption Framework for Azure



## Cloud Adoption Framework for Azure – Learning Path

A https://partner.microsoft.com/en-us/training/assets/collection/cloud-adoption-framework-for-microsoft-azure#/

#### Cloud Adoption Framework for Microsoft Azure

Last Modified 2020-10-02



In this online course, you will learn about the Cloud Adoption Framework for Azure. Cloud adoption Framework is a collection of documentation, implementation guidance, best practices, and tools that are proven guidance from Microsoft designed to accelerate your cloud adoption journey. We will discuss about the various phases of the cloud adoption lifecycle and assessments that will help you plan your customers' journey to the cloud, ensuring easy access to the right guidance at the right time.



Cloud Adoption Framework Overview On demand. Ready phase - Strategy plan.



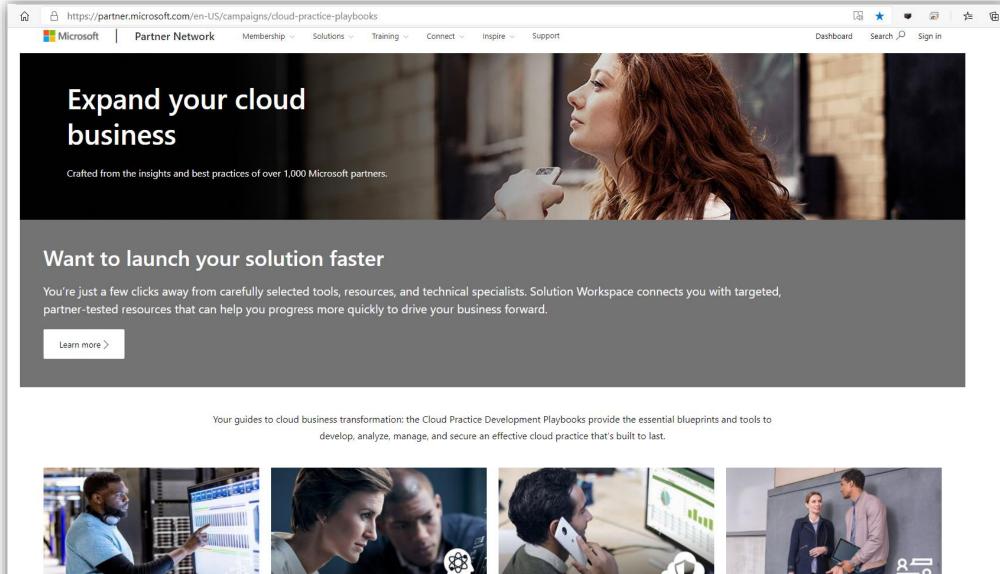
Getting Ready for Cloud Adoption On demand. Adopt phase - Migrate.



Adoption, governance, and management On demand. Adopt phase - Data Migration.

https://partner.microsoft.com/en-us/training/assets/collection/cloud-adoption-framework-for-microsoft-azure#/

## Microsoft Partner - Expand your Cloud Business



https://partner.microsoft.com/en-us/training/assets/collection/cloud-adoption-framework-for-microsoft-azure#/

## Microsoft Partner – Cloud Enablement Desk

A https://partner.microsoft.com/en-us/campaigns/ced-nomination-form

#### Work with a dedicated cloud expert

Personalized assistance for your business.

#### Sign up to accelerate your business growth

Start building your business by connecting with a dedicated cloud specialist. They're here to help you grow your cloud business over a series of up to nine one-on-one meetings.

Your dedicated expert can help you connect to customers through marketplaces, co-sell with Microsoft, take advantage of Microsoft partner resources, build your business through competencies, activate your benefits, use technical training, and more.

#### Submit this form and hear from a cloud specialist.

\*indicates required field

First Name \*

Last Name \* **Business Email \*** Country/Region \* United States V



## Microsoft Partner Learning

### Get started now

Build offerings & grow skills to make more possible.



USOCPEnablement@Microsoft.com

Connect & Engage	Learn & Get Certified	Build Practices & Expand Offerings
8 8^8		
yammer.com/msuspartner microsoft.com/us-partner-blog	Microsoft.com/Learn microsoft.com/certifications	https://aka.ms/practiceplaybooks
		Programs eligibility might vary; Terms and conditions apply.

https://yammer.com/msuspartner https://Microsoft.com/us-partner-blog https://Microsoft.com/Learn https://Microsoft.com/certifications https://aka.ms/practiceplaybooks



# 5 Attributes of Successful Partners





#### Customer Obsessed

Going beyond to understand the customer and be their technology advocate.



#### Differentiated Value Proposition

Knowing the 'thing' you do better than anyone.

Alignment with Microsoft

Understand Microsoft's mission and programs.



#### Leverage the Ecosystem

Collaborate with network members to drive greater outcomes for all.



Adopt a growth mentality, nurture potential, and prioritize diversity & inclusion.

What you need to know





- Great partners share an obsession with customers.
  - Customers want Microsoft partners to engage, advocate, empower, and listen.
  - This includes striving for deep understanding of the customer's goals, pain points, and the value they want to deliver to their own customers.
  - It goes beyond delivering a product or service... to becoming a multi-dimensional technology advocate capable of looking beyond the stated objectives to identify unarticulated needs and opportunities.

What you need to know





## **Differentiated Value Proposition**

- The one "thing" that you do better than anyone else in the market and doing it with consistent excellence
  - Establishing clear differentiation in the marketplace is key to standing out among the millions of partners offering technology projects and services globally.
  - The three core elements of a differentiated value proposition are
    - developing deep expertise
    - deeply understanding your customer
    - clearly explain your value proposition

What you need to know





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What you need to know



- Microsoft is on a mission to bring digital transformation to its customers around the world
  - Partners who are in lock-step with Microsoft priorities are optimally positioned to take advantage of the vast opportunities created within the Microsoft ecosystem

Microsoft

 Successful alignment rests on your understanding of where Microsoft is going, familiarity with business-boosting partner programs and benefits, and your strategic mapping process

What you need to know



## Leverage the Ecosystem

- Microsoft has developed the foundation for the largest technology ecosystem in the world
  - Successful partners work with each other to grow their business, expand their capabilities, and solve real customer problems
  - Customers increasingly expect partners to coordinate with one another to find solutions to their complex business problems
  - This echoes back to partners' customer obsession
  - Successful partners also leverage partner-to-partner (P2P) and co-sell opportunities to find complementary solutions to layer and bring additional value to customers
  - This kind of partner collaboration reflects Microsoft's better-together principle, presenting a powerful, unified team working on behalf of the customer

What you need to know

# Culture Alignment

- Microsoft's culture is founded in a growth mindset and the perspective that anyone can change, learn, & grow
  - We see a similar mindset among our most successful partners
  - In addition to customer obsession, company unity, and making a positive difference for customers and the world, one of the stand-out activities of culturally-aligned partners is their continual movement toward diversity and inclusion

Microsoft

 Successful partners recognize that diversity and inclusion – whether it be empowering more women in tech or investing in programs that intentionally include diverse groups of people – is key to innovation and disruption.

What you need to know



- 1. Accelerating industry partner impact
  - Leading with an industry approach with partner solutions aligned to business outcomes always has the greatest impact
  - The more industry knowledge and expertise partners have, the more relevant we become to customers
  - Aligning partners to one of the priority industries:
    - Financial Services, Health & Life Sciences, Government, Education, Manufacturing, Retail, Media & Communications, Energy, Professional Services, High Tech, and Automotive
  - Supporting customers through our four solution areas:
    - Modern Work & Security, Business Applications, Apps & Infrastructure, and Data & AI
  - Enables partners to help you create relevant solutions for our mutual customers

What you need to know

# Microsoft

## 2. Driving tech intensity

- Focusing on tech intensity, or building capabilities through skilling and leveraging technology to create innovative solutions
- Microsoft invest in skilling up our partners, customers, and our employees with emphasis on our solution areas
- Building these technical capabilities will help partners leverage Microsoft technology to the fullest to deliver the solutions customers need and want
- Increase your tech intensity at <u>Microsoft Learn</u>

What you need to know

# Microsoft

## 3. Co-selling at scale

- Together with Microsoft sellers and our commercial marketplace, partners can:
  - showcase solutions to millions of customers,
  - directionally share opportunities with other partners, and
  - jointly sell innovative solutions
- Microsoft has built the Partner Field Integration (PFI) model where they drive a partner-inclusive culture through integrating partners into their core sales motions
- Microsoft will continue to accelerate co-selling through PFI
- Learn more about co-selling with Microsoft here



Cloud Adoption Framework Journey Organisation - Profitable / Sustainable Business Change - Risk A + Cultural Shift (?) (?) Cloud Adoption Framework 1– Strategy 🔿 4-Adoption Ja 2-Action Plan 3-Ready 🕗 
 Join Structure
 Join Join Structure

 Join Structure
 Join Str Landing Ly Migrate has Motivation → Innovate Zones

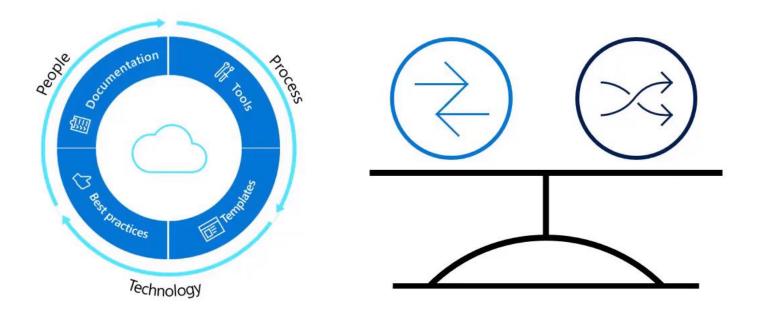
Govern

Manage



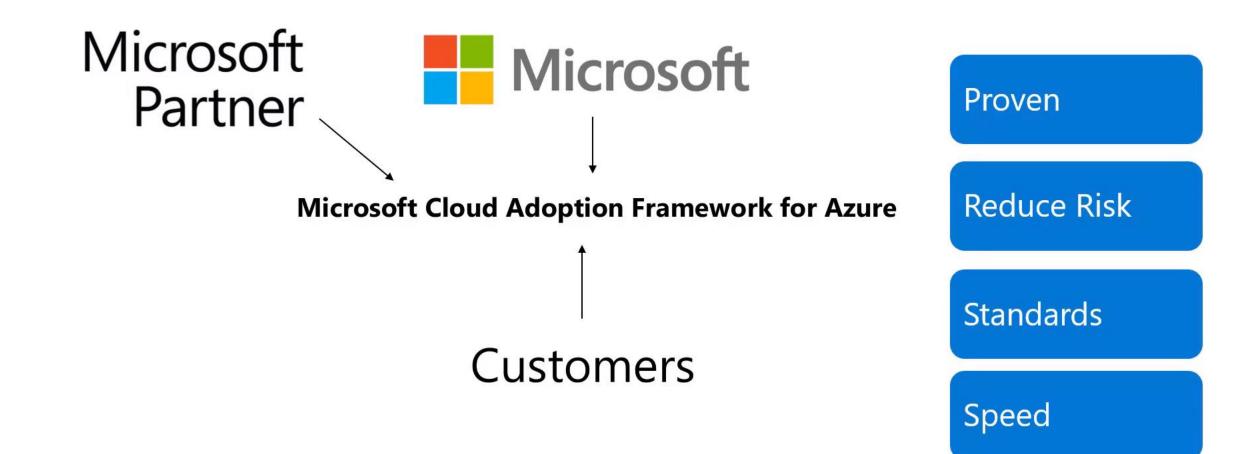
# Why was Cloud Adoption Framework (CAF) Created?

The goal of CAF is to provide unified Microsoft customer guidance for Azure adoption aligned to their motivations and expected outcomes.





## Making the CAF Actionable





## The Govern methodology

#### **Define Corporate Policy**

#### **Business Risks** ···

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



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

Policy & Compliance

#### Process



Establish processes to monitor violations and adherence to corporate policies.

#### **Five Disciplines of Cloud Governance**



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



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



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

## The Manage methodology

#### Manage

#### **Business Alignment**

#### Criticality .....



Document the criticality and relative business value of each workload.



Establish clear performance expectations and business interruption time/value metrics.

#### Commitment



Document, track, and report on commitments to cost and performance

#### **Cloud Operations Disciplines**



Establish a defined

inventory of assets.

Develop visibility

into the asset

telemetry.

y Operational Compliance

Manage configuration drift and standards. Apply management automation and controls.

## ☐ Protect & ☐ Recover

Implement solutions to minimize performance interruptions and ensure rapid recovery when needed.

## Derations

Customize operations to improve performance of the common platforms that support multiple workloads.



Understand workload telemetry. Align workload operations to performance and reliability commitments. How is a partner considered Microsoft Cloud Adoption Framework *ready*?

Your customers change starts with you.

The Framework is incorporated into your core Azure practices and go to market strategies

- You are organized to deliver on one or more phases of the Cloud Adoption Framework
- You have constructed services offers or solutions that package up the best practices within the framework to deliver repeatable success to your customers

## Grow your practice with Microsoft cloud platform

### **Broad portfolio**

of applications and innovations to start and grow



Microsoft cloud platform

#### 20,000+ solutions

on Microsoft AppSource; 1,200+ Business Apps certified apps

### Extend and build

across the Microsoft cloud platform

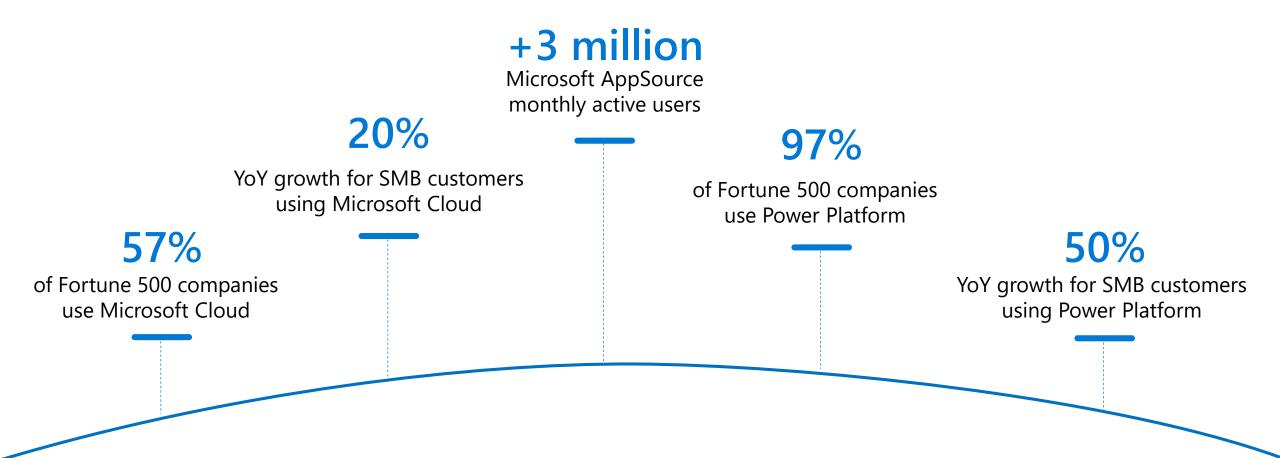
Start and grow your practice from any of our innovation areas across Customer Engagement, Operations, Customer Data Platform, Business Intelligence, Application Platform, or Automation Platform

Use our growing ISV solutions and add your own to the marketplace

Take advantage of the easiest crosscompatibility on the market from Azure, Dynamics 365, and Power Platform and extend them with your solutions

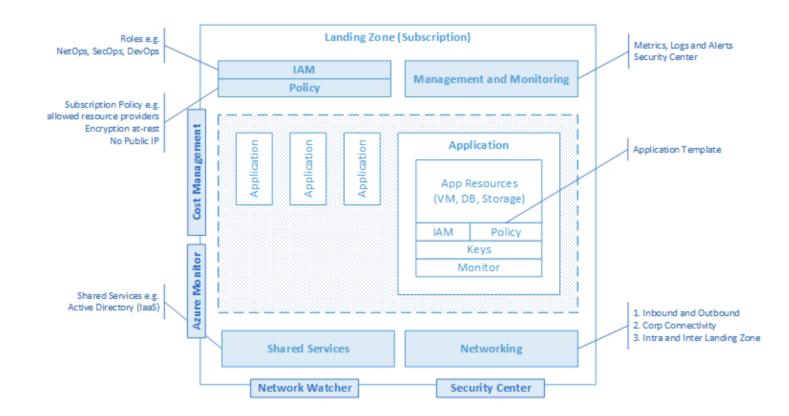
## Reach more customers

Reach more potential customers with Microsoft's Business Applications sales and services engines



## Landing Zones

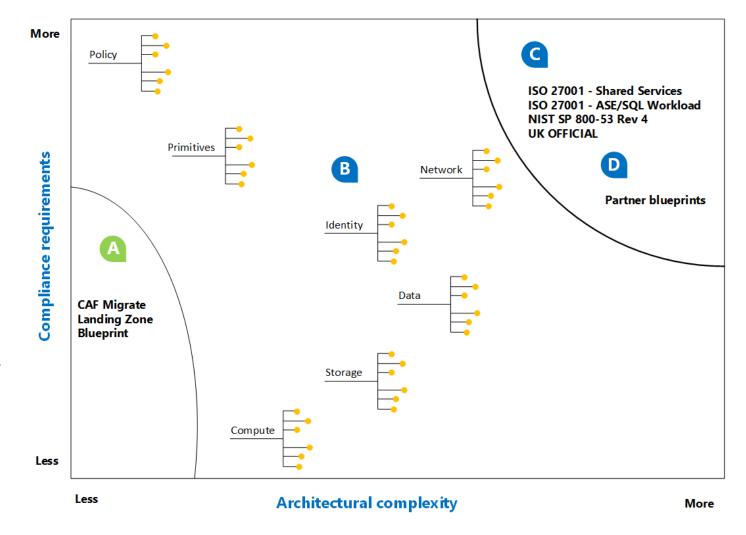
The principle purpose of the "Landing Zone" is to ensure that when a workload lands on Azure, the required "**plumbing**" is already in place, providing greater agility and compliance with enterprise security and governance requirements.



## First landing zone

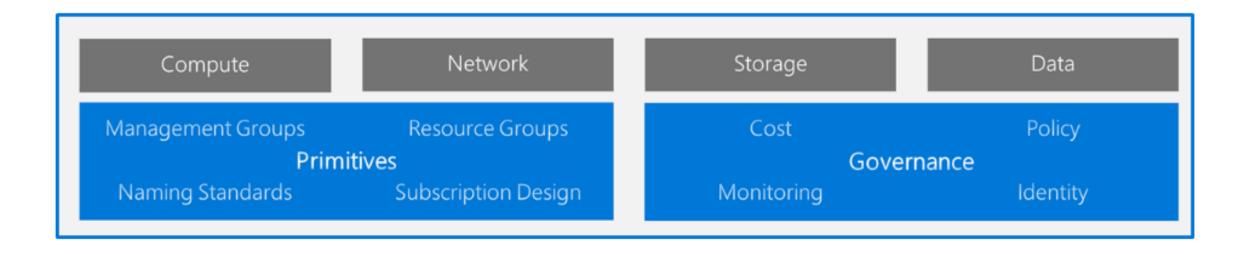
A landing zone is a pre-provisioned environment for hosting your workloads. It uses a defined set of cloud services and best practices to add foundational capabilities that set you up for success.

If you're unsure where to begin, the Cloud Adoption Framework migration landing zone blueprint creates a landing zone which can be updated to meet your specific needs.

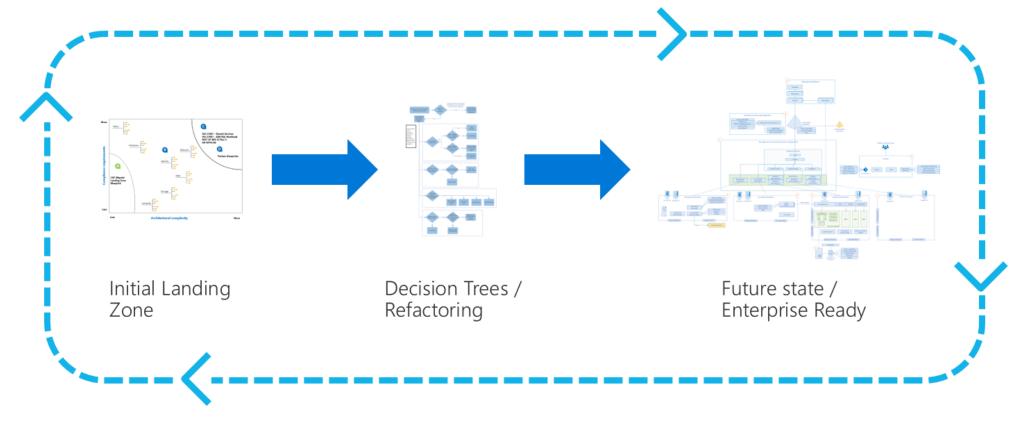


## Landing zone considerations

The major considerations for implementing any landing zone deployment can be broken up into three main categories: **hosting**, **Azure fundamentals**, **and governance**.

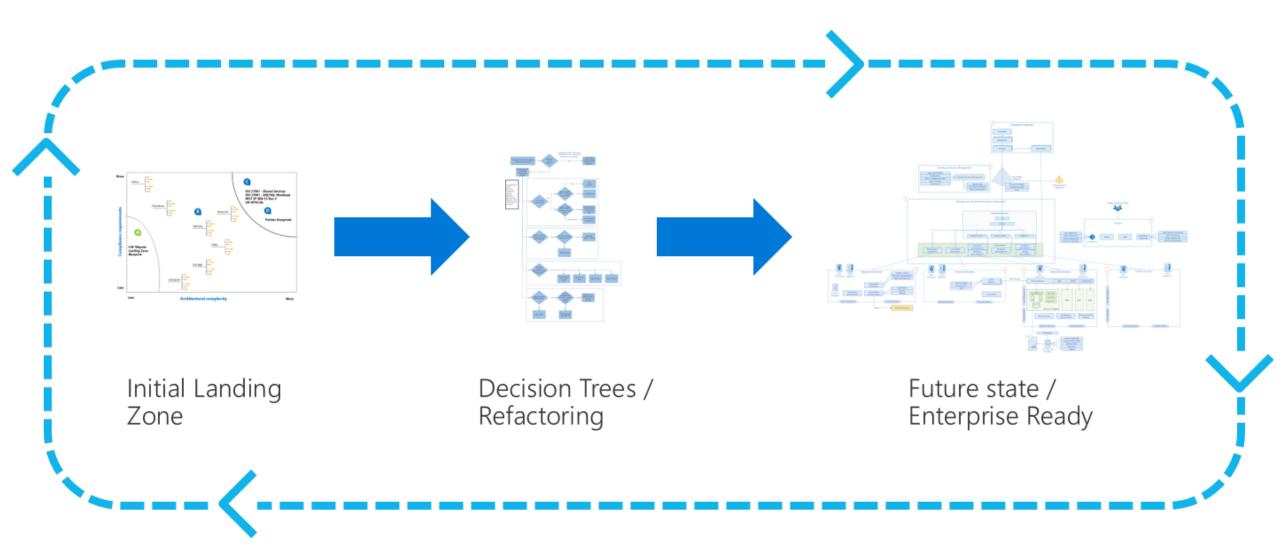


## **Refactoring landing zones**

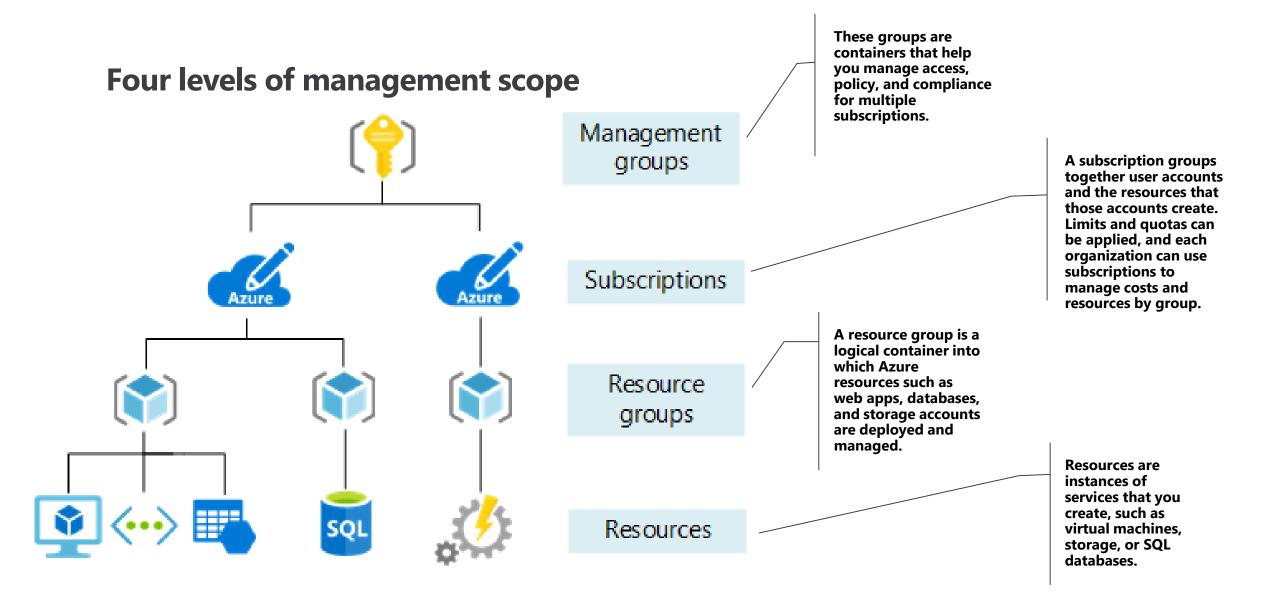


Since landing zone infrastructure is defined in code, it can be refactored similar to any other codebase. Refactoring is the process of modifying or restructuring source code to optimize the output of that code without changing its purpose or core function.

## **Enterprise scale landing zones**

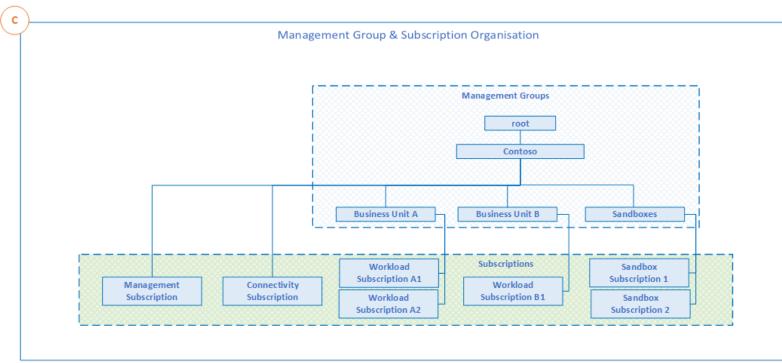


## **Organize your Azure resources**



## Management Group & Subscription Organization

Define Hierarchy, Quota & Capacity, and Manage Cost



#### **Subscription Organization and Governance**

- Use Management Group structure, within an AAD tenant, to support org mapping
- □ Must be appropriately considered when planning Azure adoption at-scale

#### **Configure Subscription Quota and Capacity**

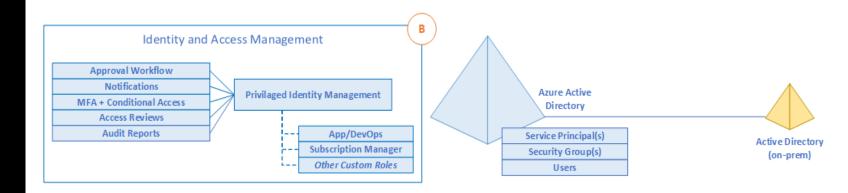
- Platform limits and quotas within the Azure platform for services
- □ Availability of required SKUs in chosen Azure regions
- Subscription quotas are not capacity guarantees and are per region

#### **Establish Cost Management**

- Potential need for chargeback models where shared PaaS services are concerned, such as ASE which may need to be shared to achieve higher density
- □ Shutdown schedule for non-prod workloads to optimise costs

## Identity & Access Management

Planning for Authentication Inside the Landing Zone



**A critical design decision** enterprise organization must make when adopting Azure is whether to:

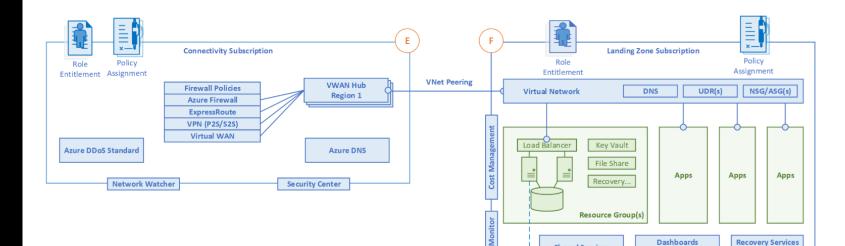
extend an existing on-premises identity domain into Azure

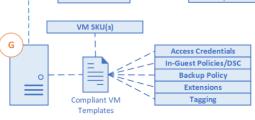
or

**create** a brand new one

## Network Topology & Connectivity

×





(Azure Portal)

Vault(s)

Security Center

**Shared Services** 

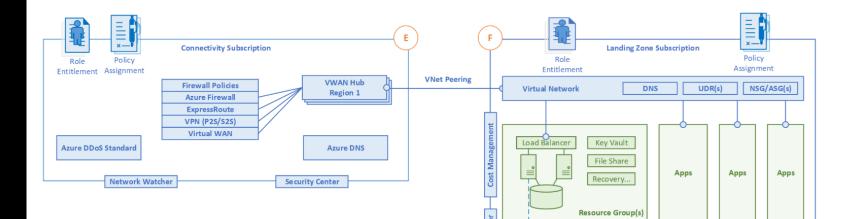
**Network Watcher** 

Consider the following design elements:

- □ Planning for IP Addressing
- Configure DNS
- Define an Azure Networking Topology
- □ Azure VWAN (Microsoft Managed)
- □ Traditional Azure networking (Customer Managed)
- □ Walkthrough Enterprise-scale network topology (VWAN-based)
- Connectivity to Azure

## Business Continuity & Disaster Recovery

### **Planning for BCDR**



G Compliant VM Templates Network Watcher Security Center Access Credentials In-Guest Policies/DSC Backup Policy Extensions Tagging

Shared Services

Dashboards

(Azure Portal)

**Recovery Services** 

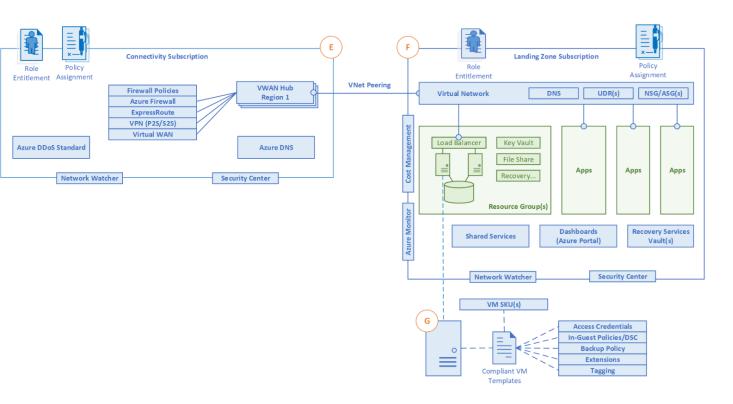
Vault(s)

Application and data availability requirements:

- BCDR for PaaS services and the availability of native DR and HA features
- □ Support for **multi-region deployments** for failover purposes
- Application operations with reduced functionality or degraded performance in the presence of an outage

## Security, Governance & Compliance

Define Encryption & Key Management



#### Subscription and scale limits as they apply to Key Vault

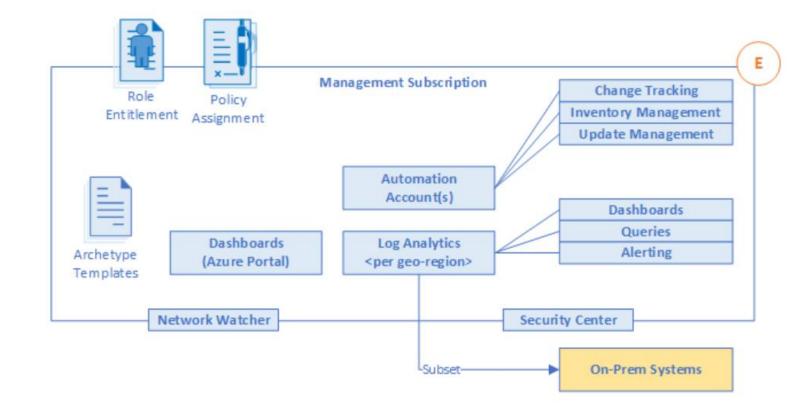
- Key Vault serves a security boundary since access permissions for keys, secrets and certificates are at the vault level
- Premium SKU can be leveraged where HSM protected keys are required

#### Key rotation and secret expiration

- □ Use a federated Key Vault model to avoid transaction scale limits
- □ Establish an automated process for key and certificate rotation



Planning for Platform & Application Management and Monitoring



- □ Log Analytics workspace is an administrative boundary Security audit logging and achieving a horizontal security lens across the entire customer Azure estate
- □ Azure data retention thresholds and requirements for archiving