Microsoft

Abstract

This Document outlines a typical process that Microsoft and its Azure customers utilize to build a strategic direction for cloud adoption. The 3-phased process provides guidance on activities that are used to develop a cloud vision, create a “Cloud-Ready” organization, and then move to deployment.

Azure ADOPTION

A Phased Approach to Cloud Readiness

Microsoft Azure

Productive + Hybrid + Intelligent + Trusted

Partnering for Azure Readiness

Azure Adoption Resources

# Envisioning:

## **Goal**: Define Cloud vision, establish the team, identify workloads, and begin readiness efforts

### Activities -

**Digital Transformation:** <https://enterprise.microsoft.com/en-us/digital-transformation/>

**Organizational Readiness:**

<https://azure.microsoft.com/mediahandler/files/resourcefiles/d8e7430c-8f62-4bbb-9ca2-f2bc877b48bd/Azure%20Onboarding%20Guide%20for%20IT%20Organizations.pdf>

<https://azure.microsoft.com/mediahandler/files/resourcefiles/d817c644-5dac-442f-8839-7d704e828809/Azure_Strategic_Implementation_Guide_for_IT_Organizations.pdf>

**Self-paced Training**

<https://learn.microsoft.com/#/>

<https://azure.microsoft.com/en-us/training/>

<https://www.microsoft.com/handsonlabs>

Puralsight, LinkedIn, edX also provide Azure courses

**Azure Economic Impact Assessment**

<https://info.microsoft.com/WE-Azure-CNTNT-FY16-05May-13-The-Economic-impact-of-Azure-a-Forrester-White-Paper.html>

Onboarding:

## **Goal**: To explore identified workloads, create a minimal Azure footprint and begin testing and development

### Activities

**Subscription Onboarding Team** <http://aka.ms/azureentsupport>

**Design Session**: With Microsoft or Partner

**Architecture Guides**: <https://docs.microsoft.com/en-us/azure/#pivot=architecture>

**Cloud Workshops** – GITHUB <https://github.com/Microsoft/MCW> Follow LInk to view list of 35

**Readiness overview** – Explore core Azure governance and enablement topics. <https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold>

**Security Planning** <https://www.microsoft.com/en-us/trustcenter/security/azure-security>

Deployment:

**Goal**: Deploy initial workload, and build the infrastructure and governance necessary for ongoing success

### Activities

**Core Enablement Workshops**

**Deploy With Microsoft Fast Track** – Microsoft engineering team that provides architectural assistance for deploying you workloads. <https://azure.microsoft.com/en-us/programs/azure-fasttrack/?v=18.03>

<https://github.com/Azure/FastTrackForAzure>

**Advanced Workloads with Partners**: Advanced and customized workloads. Certified Microsoft Partners complete work on behalf of or in concert with your organization

Pillars of Core Enablement

Foundational components that ensure successful Azure deployments. Microsoft Fast Track, Premier Services, Microsoft Consulting Services, or Microsoft Certified Partners can deliver this baseline.

Core Enablement Details

* [**Governance**](https://coreenablement.azurewebsites.net/articles/governance.html)
  + EA Portal Tenant Design
  + Subscription Design
  + Tagging and Asset/Cost Management
  + Azure Policy Definitions
  + Naming Standards
* [**Identity/Access Control**](https://coreenablement.azurewebsites.net/articles/identity-rbac.html)
  + Azure AD Tenant Design
  + RBAC Model and delegation
  + Federation
  + SSO/MFA (Optional)
* [**Security**](https://coreenablement.azurewebsites.net/articles/security.html)
  + Data Protection
    - Encryption
    - Masking
    - Classification
  + Compliance standards and blueprints
* [**Networking/Connectivity**](https://coreenablement.azurewebsites.net/articles/networking.html)
  + V-Net Design
  + Hybrid Connectivity Design
  + DMZ Design (optional, if public facing will likely need conversation)
  + Network security groups, Application security groups
  + Networking Virtual Appliance (NVA)
* [**Management**](https://coreenablement.azurewebsites.net/articles/monitoring-and-logging.html) and Operations
  + Auditing
  + Diagnostics
  + Backup
  + High Availability
  + Azure Monitor
  + Security Center