

Skilling for Azure Cloud Adoption: A Guidebook





First: Start with a
cloud adoption
strategy

Ask yourself: What is driving your Cloud Adoption initiative?



Modernization

Improving customer and employee experiences



Growth

Scaling products and services to meet ever growing needs



Transformation

Evolving how organizations operate and interact with the market



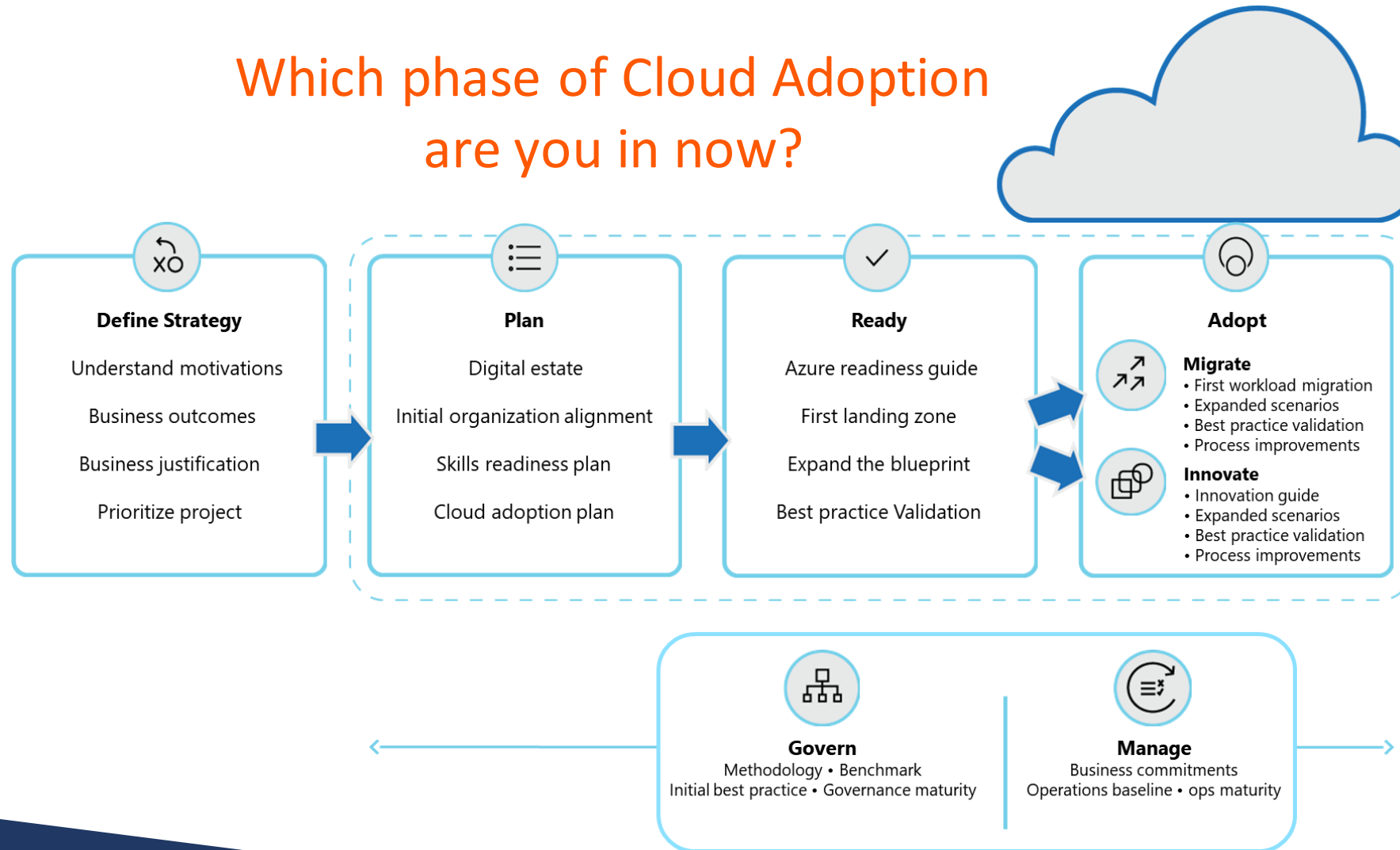
Measurement

IT must rapidly produce measurable impact and returns to stay relevant



Gear up: Take into account all three main pillars needed for cloud adoption

Which phase of Cloud Adoption are you in now?



Cloud adoption strategy

Check your ready prerequisites



Business readiness

Create initial org alignment with a Cloud Strategy Team to represent business needs and market changes in the migration backlog



Skill & support readiness

Create a skills readiness plan for staff (IT and Business Staff), identify execution gaps, align key partners, choose support and services options



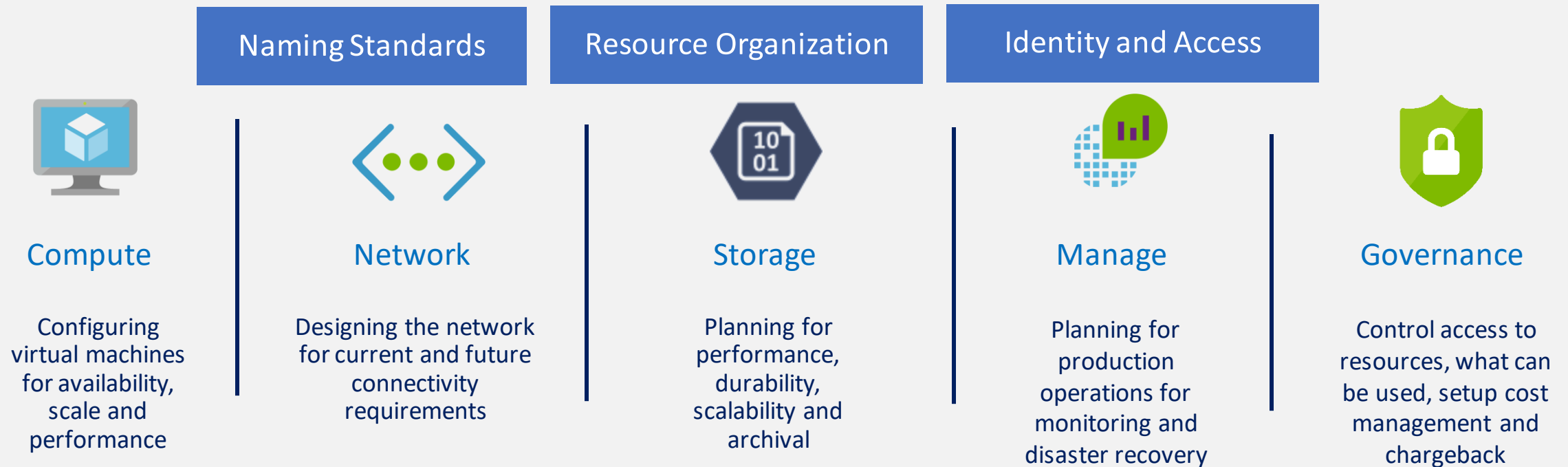
Environment Readiness

Establish a Landing Zone in the cloud. This target should be readied to handle the workloads and assets being migrated to the cloud

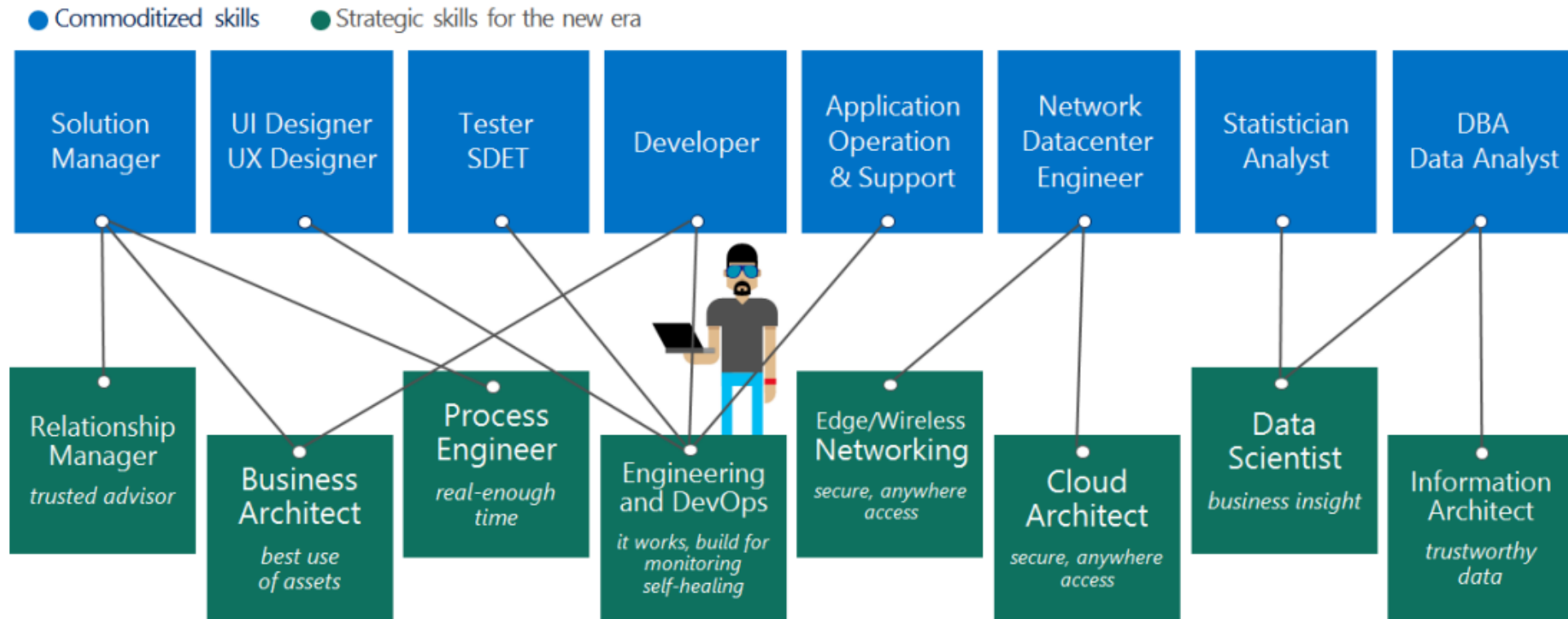


Skill readiness:
What skills do you
need?

Azure Skill Readiness Guide



Mapping of skills to IT roles in a cloud-hosted environment



Do a Skill Gap Analysis: Identify the Skills your team requires

| Course name | Audience (Cloud Architect, IT, Admin, Ops) | Level (100, 200, 300, 400) | Source | Priority (high, mid, low) |
|--|---|-------------------------------|--|------------------------------|
| Microsoft Cloud Adoption Framework for Azure | Admin, Devs, Cloud Architect, Business User, Cloud Engineer | 100 | MS Learn, VILT, ILT *Learning Partner | High |
| Azure Fundamentals | Admin, Devs, Cloud Architect, Business User, Cloud Engineer | 100 | MS Learn, VILT, ILT *Learning Partner | High |
| Learn the Business Value of Azure | Business User | 100 | MS Learn, VILT, ILT *Learning Partner | Mid |

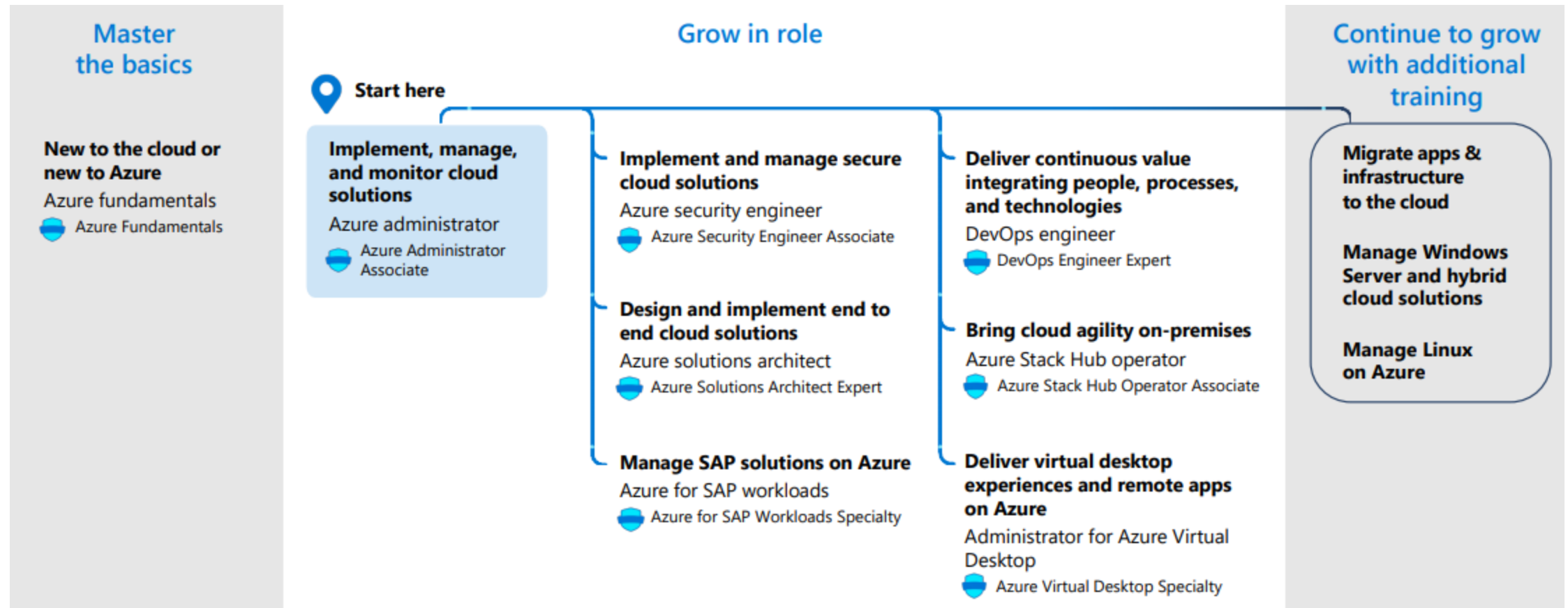
*NOTE: While it is important to prepare a skill gap analysis based on which a proper skilling plan is to be prepared – not all organizations understand how this is to be done effectively resulting inaccurate training plan and so wasted training budget or training not matching the skill requirements. At Spectrum Networks we can help you handle this better and offer VILT and ILT training sessions.

Skills for cloud readiness

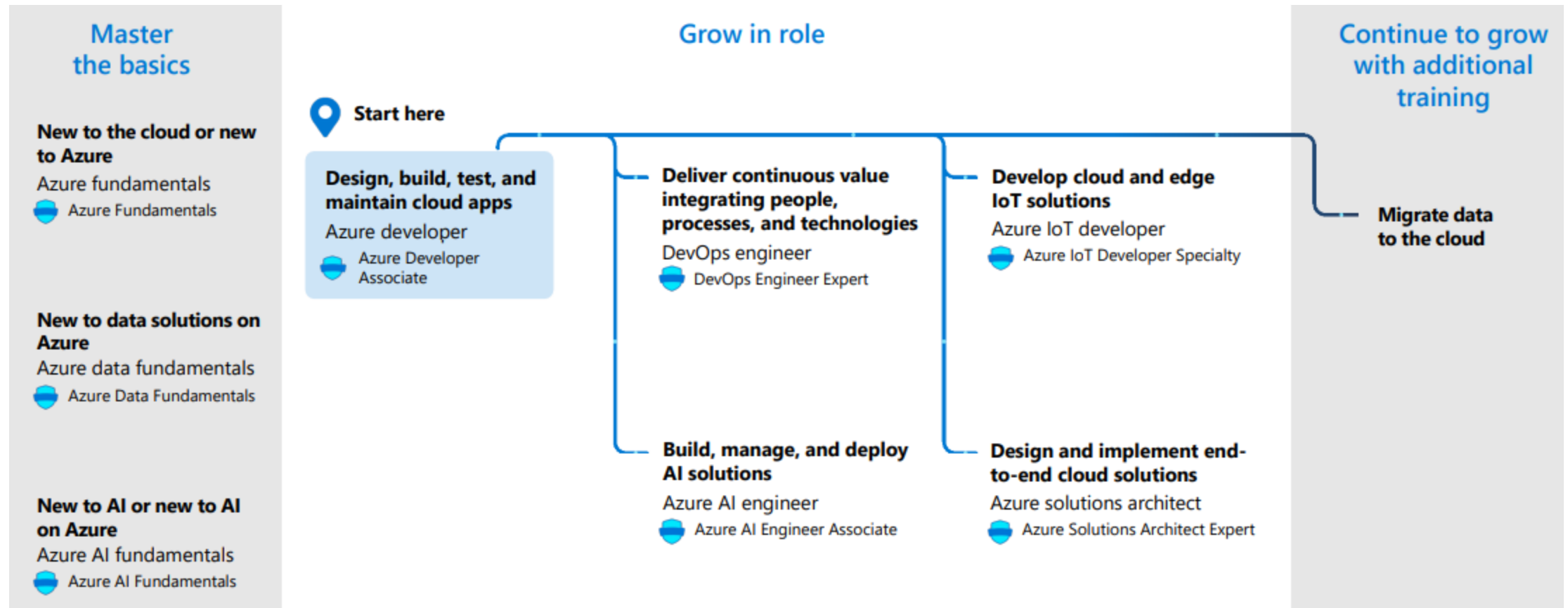
| | |
|----------|--|
| Strategy | Develop the skills needed to prepare an actionable migration plan. This includes business justification and other required business-planning skills. |
| Plan | Develop the skills needed to prepare an actionable migration plan. This includes business justification and other required business-planning skills. |
| Ready | Develop the skills needed to prepare the business, culture, people, and environment for coming changes. |
| Adopt | Adoption skills are aligned to various technical efforts: Migrate: Gain the skills required to implement the cloud migration plan. Innovate: Gain the skills needed to deliver innovative new solutions. |
| Operate | Skills related to the operating model for cloud adoption are aligned to various opportunities to gain skills: Govern: Gain the skills needed to govern the cloud environment. Manage: Gain the skills needed to manage a cloud environment. Monitor: Gain the skills needed to monitor a cloud environment. |

Certifications for building cloud skills

Azure training journey for IT pros



Azure training journey for developers



Further Azure training journey

IT Pros

| Migrate apps & infrastructure to the cloud | Manage Windows Server and Hybrid cloud solutions |
|--|---|
| <div>Migrating Application Workloads to Azure Course WS-050T00</div> <div>Microsoft Learn learning paths</div> | <div>Windows Server 2019 Administration – Course WS-011T00</div> <div>Windows Server 2019 Hybrid and Azure IaaS – Course WS-012T00</div> <div>Azure Stack HCI – Course- WS-013T00</div> <div>Microsoft Learn learning paths</div> |
| Manage Linux on Azure | |
| <div>Microsoft Learn learning paths</div> | |

Developers and Data & AI Pros

| Migrate data to the cloud |
|---|
| <div>Migrate SQL workloads to Azure – Course DP-050T00</div> <div>Migrate NoSQL workloads to Azure Cosmos DB Course DP-060T00</div> <div>Migrate Open Source Data Workloads to Azure Course DP-070T00</div> <div>Microsoft Learn learning paths</div> |

Microsoft Azure Certifications

| | | |
|--|--------------------------------|-------------------|
| Role-based Expand your technical skill set | ▼ Associate | |
| | • Azure Administrator | (AZ-104) |
| | • Azure Security Engineer | (AZ-500) |
| | • Azure Stack Hub Operator | (AZ-600) |
| | • Azure Developer | (AZ-204) |
| | • Azure Database Administrator | (DP-300) |
| | • Azure Data Engineer | (DP-203) |
| | • Data Analyst | (DA-100) |
| | • Azure AI Engineer | (AI-102) |
| | • Azure Data Scientist | (DP-100) |
| Specialty Deepen your technical skills and manage industry solutions | • Azure Network Engineer | (AZ-700)* |
| | ▼ Expert | |
| | • Azure Solutions Architect | (AZ-303 + AZ-304) |
| | • DevOps Engineer | (AZ-400) |
| | • Azure for SAP Workloads | (AZ-120) |
| | • Azure Virtual Desktop | (AZ-140) |
| | • Azure IoT Developer | (AZ-220) |
| Fundamentals Master the basics | • Azure Fundamentals | (AZ-900) |
| | • Azure Data Fundamentals | (DP-900) |
| | • Azure AI Fundamentals | (AI-900) |

CONTACT US

Contact us for setting up a Skill Gap consulting sessions or for any training programs tailor made for Azure Cloud Adoption Initiatives.

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