

# Microsoft Credentials

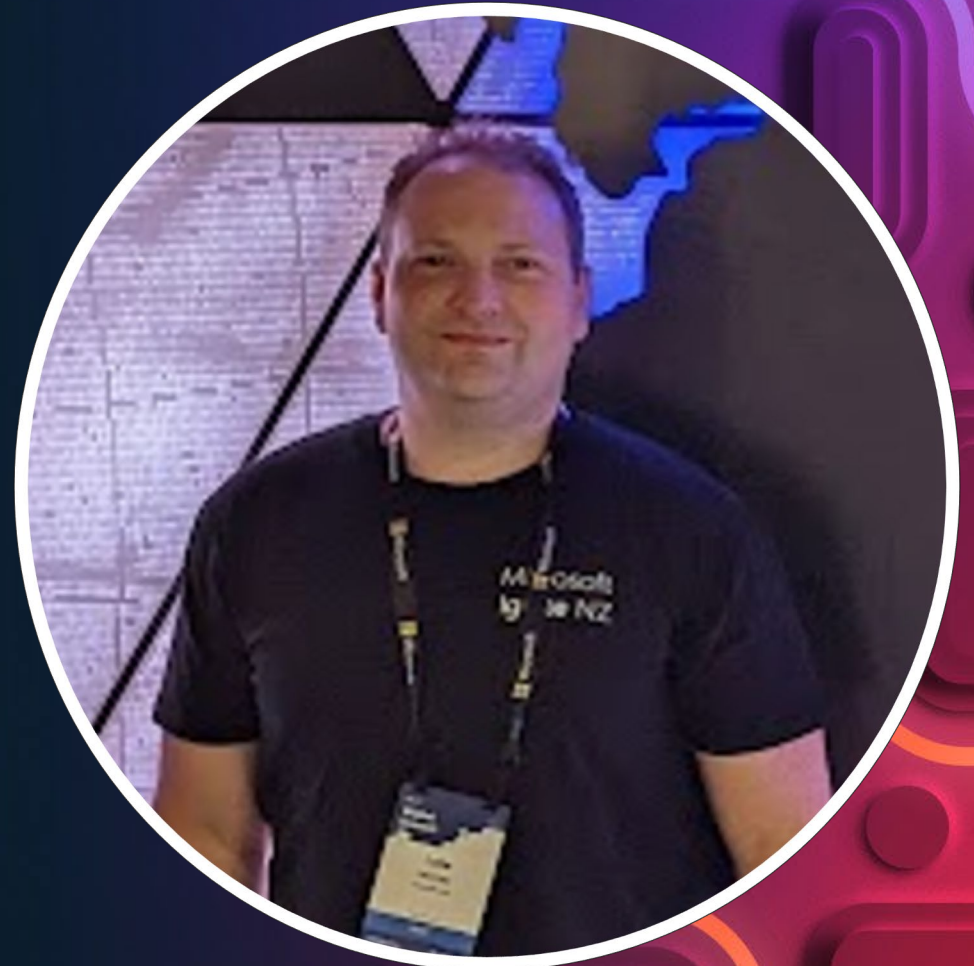
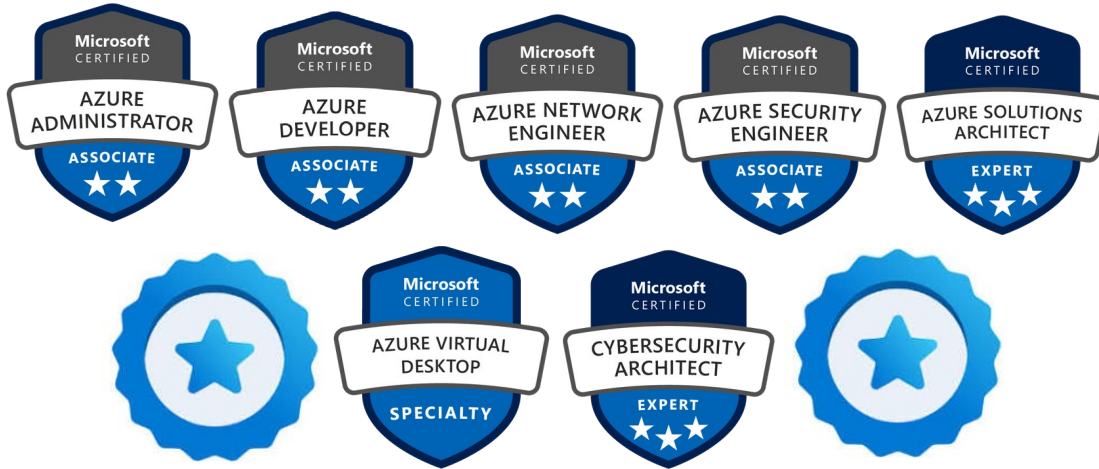


# Hello!

Thank you for joining us today

Speaker: Luke Murray

Microsoft Learn Expert, Microsoft Azure MVP from Hamilton, New Zealand



<https://x.com/lukemurraynz>

<https://bsky.app/profile/luke.geek.nz>

<https://www.linkedin.com/in/ljmurray/>

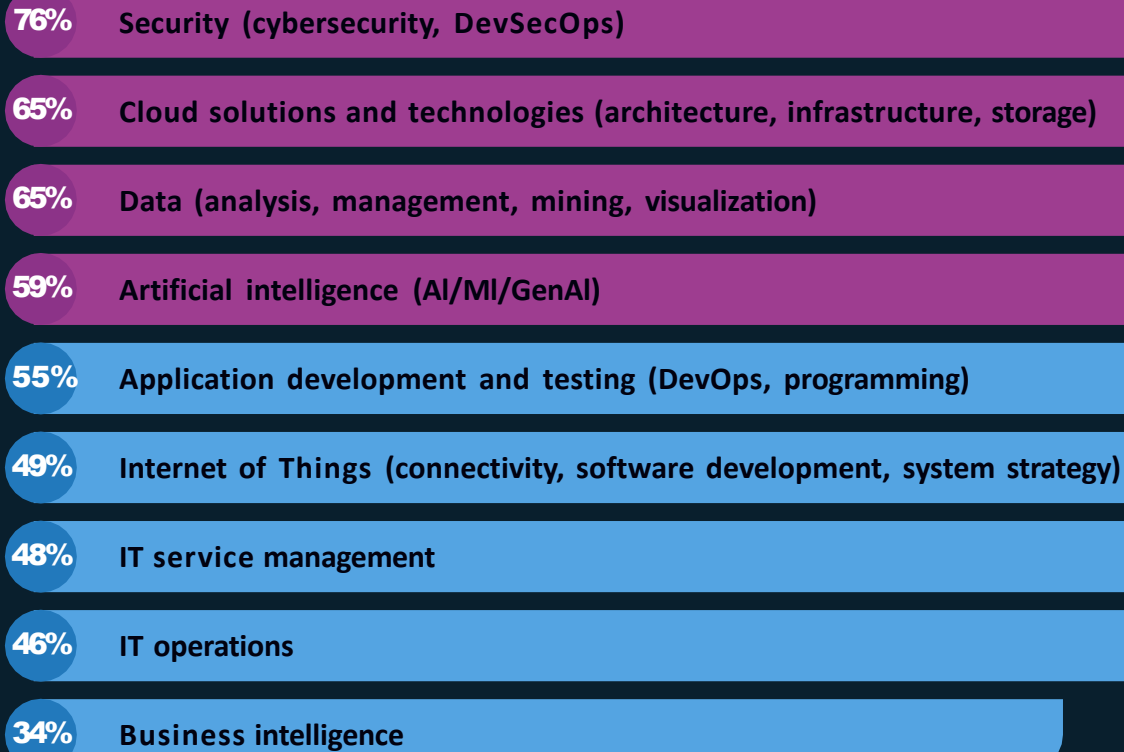
<https://luke.geek.nz/>

IDC predicts that by 2027, 90% of organizations will feel the pain of the widening IT skills shortage, costing some \$5.5 trillion globally in losses caused by product delays, impaired competitiveness, quality issues, missed revenue goals, and declining customer satisfaction.

- Organizational skill gaps are growing, too. To narrow the delta between the skills that companies need and the skills their people have, **organizations must shift toward skills-based hiring and a way to validate those skills.**
- If there's a silver lining, it's that **online training platforms and courses are increasingly popular**, driven by remote and hybrid work realities.
- **Coupling full role-based credentials with scenario-based credentials** can ensure that organizations have the necessary skills to remain competitive.

## Where to Start?

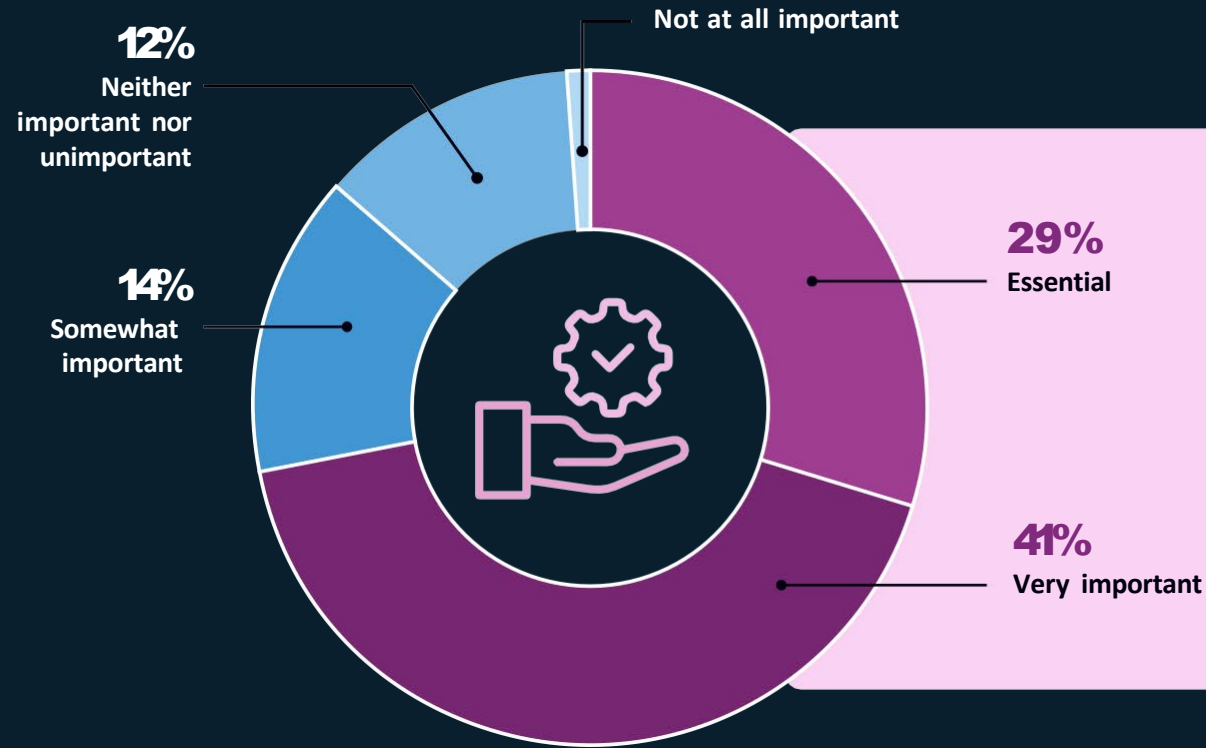
**Security, cloud solutions, and AI** are among the most in-demand skills. Respondents say they are also among the hardest to find and train for.



# Credentials Matter

Organizations and their employees derive strong benefits from credentialing, whether it takes the form of full credentials or via micro-credentials.

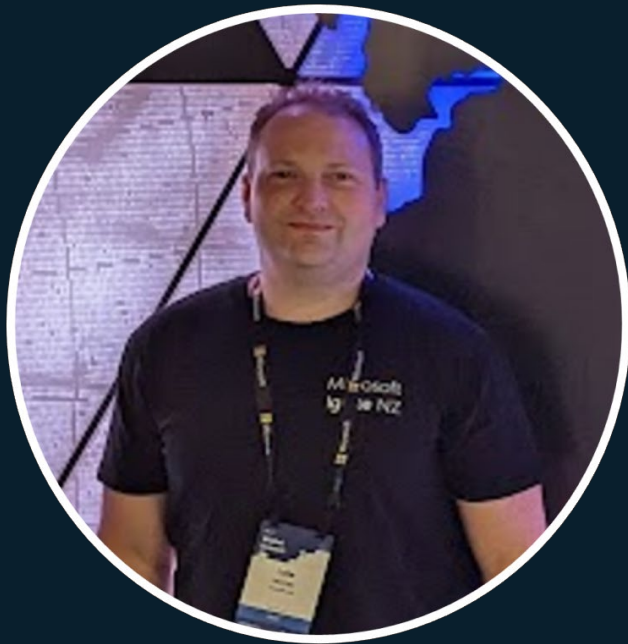
How important is it that candidates for technical positions have credentials?



More than **70%** of organizations believe **industry-recognized credentials are essential or very important tools for skills training.**







• IT Technician

2002

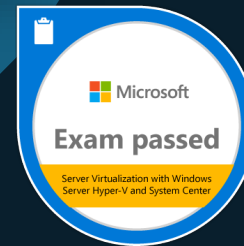
• Service Desk

2013

• Senior Engineer

2014

• Enterprise Engineer  
(SysAdmin)



2017

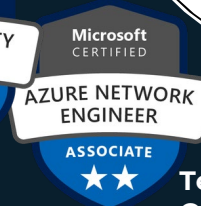
Technical  
Consultant

2017

2021

2022









• Senior Consultant





# Azure Cloud Commanders

## Microsoft Learning Room

 <a href="#">Analytics with Indira</a> <p>AI-900 Certification tips and tricks -- This room will help you prepare for Exam AI-900: Microsoft Azure AI Fundamentals. Some tips will be shared. There will be opportunities for discussing</p> <p>New Zealand</p> <p>Data and AI</p> <p>English, Hindi, Telugu</p> <p>Learning Experts</p> 	 <a href="#">Azure Centric Learning - Marcos Nogueira</a> <p>Azure IaaS and PaaS Basics to Advanced. Learn how to start your career in Azure and get certified. Learn how to deploy a modern Azure infrastructure, following the best practices, in a</p> <p>Canada</p> <p>Azure</p> <p>English, Portuguese</p> <p>Learning Experts</p> 	 <a href="#">Azure Cloud Commanders - Luke Murray</a> <p>Microsoft Azure - with Azure Architecture, Azure Fundamentals, Azure Administrator, and Networking</p> <p>New Zealand</p> <p>Azure</p> <p>English</p> <p>Learning Experts</p> 	 <a href="#">Azure Developer for AI, Data, and Cloud - Beginner to Expert</a> <p>This room will focusing on Azure Developer aspect. I would like to Provide support for AI, Data and Cloud base solution and how learn more about these amazing and complex</p> <p>United Arab Emirates</p> <p>Data and AI</p> <p>English, URDU, Hindi, Punjabi, Arabic</p> <p>Learning Experts</p> 
--	--	--	--



Certificates have not only changed not only my career but also my life. Just getting the certs is not enough. You have to keep current and practice to stay relevant. Without all the work, certs are just "a piece of paper". And that's how it changed my life. I now read blogs, learn, whitepapers and books.

Webinars are great, I attend as often as possible, it's a good way to see the emerging trends in any industry.



It helped me change my career to the Tech industry. That and a portfolio & blog.

It helps to proof to your potential employer you are qualified, but does not replace you showing that you're qualified of delivering in the said position.

That's my opinion on certification, it's a nice to have, but don't stop there, keep on yourself in the new technologies.

# Microsoft Learning Community



# Credential alternatives address goals, desired skills, and experience



## Microsoft Applied Skills

Validates one specific skill

Project-based

Scenario-specific skills

Assessment via interactive lab experience

On-demand

Goal

Context

Scope

Format

Flexibility



## Microsoft Certifications

Validates broad technical proficiency

Role-based

Breadth of skills

Exam with interactive elements

Scheduled




# Microsoft Learn

Collections & Plans

started with Azure AI Services / Prepare to develop AI solutions on Azure /




Unit 2 of 11 ▾

 Ask Learn

 Add to Collections

 Add to Plan

## Define artificial intelligence

 100 XP

3 minutes

Artificial Intelligence (AI) is increasingly prevalent in the software applications we use every day; including digital assistants



# Microsoft Learn

## Collections & Plans

Activity

Training

**Plans**

Challenges

Credentials


Q&A

### Plans

A plan allows learners to progress through a set of milestones to achieve learning outcomes. You can invite learners to your plan and track their progress.

#### AI-generated plans

We use AI to help you create a tailored learning plan that considers your unique needs and provides the most relevant content.

 [Create plan with AI](#)

#### Microsoft Learn plans

To create a plan, go to your collections page and either select an existing collection or create a new collection. Then go to that collection's page and you can save that collection as a plan.

[Create a plan](#)



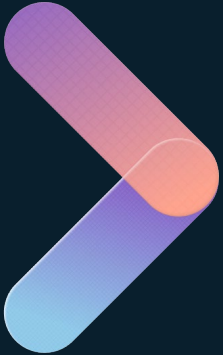
# Thank you



^ Social Media



# Resources



- [Microsoft Learning Rooms](#)
- [Microsoft Practice Assessments](#)
- [Microsoft Learning \(GitHub\)](#)
- [Exam Sandbox](#)
- [What-the-Hack](#)
- [Exam Readiness Zone](#)
- [AWESOME-Azure-Architecture](#)

# Humble Bundle

# MICROSOFT CERTIFICATION PREP

BY MICROSOFT PRESS AND PEARSON

## Book Bundle

### Bundle Filters

- Entire 23 Item Bundle
- 12 Item Bundle
- 3 Item Bundle

Pay at least NZ\$42.79 for these 23 items



### Microsoft certification prep made easy

Learn the skills and knowledge you need to succeed on your Microsoft certification exams with this bundle of prep courses from Microsoft Press and Pearson. Inside this 20+ library, you'll get expert insights from courses like *Exam Ref AZ-900 Microsoft Azure Fundamentals, 3rd Edition*, *Exam Ref AZ-104 Microsoft Azure Administrator, 2nd Edition*, *Exam Ref MS-102 Microsoft 365 Administrator*, and more. Deepen your understanding whether you're a novice or a seasoned professional testing for your Microsoft certifications. Get this great bundle and help support Hello World with your purchase!

Pay NZ\$1.71 Or More 1,230 Sold

Use on Any Device PDF

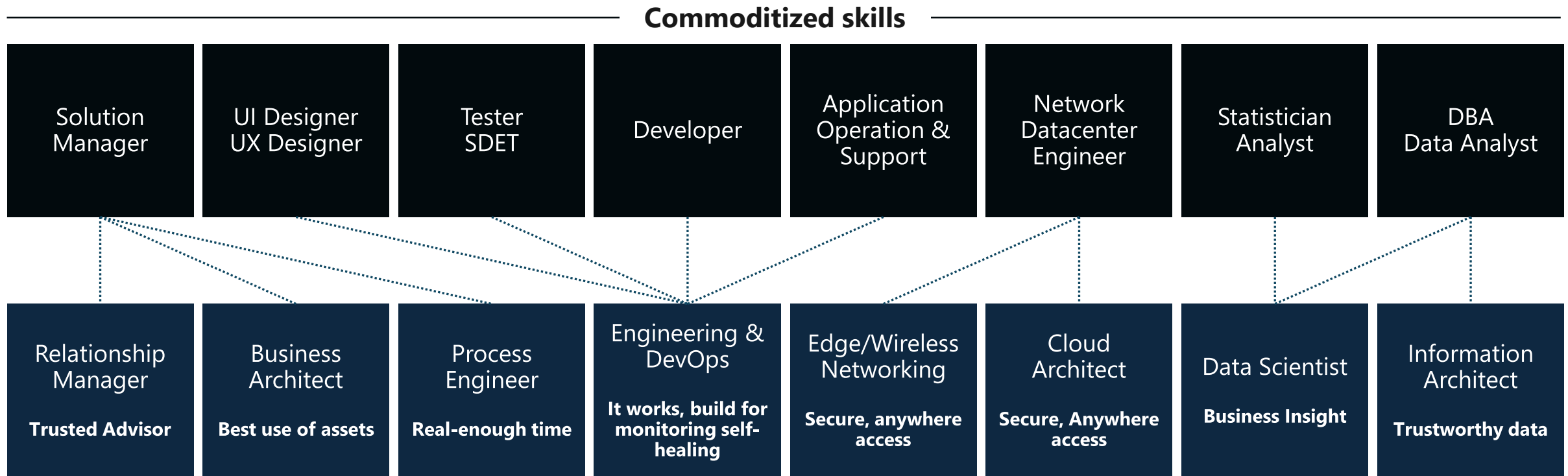
This bundle has raised NZ\$4,129 for charity!

### NZ\$1,520.85 Value • Pay What You Want

Pay less to get fewer items, or pay extra to give more to publishers, Humble, and charity.

NZ\$1.71	NZ\$30.81	NZ\$42.79
NZ\$47.79	NZ\$52.79	NZ\$57.79
NZ\$	Other Amount	

# Skills readiness plan



## Strategic skills for the new era

1. Identify the gaps
2. Look across teams
3. Create an org-wide learning plan

## Microsoft and the growth mindset

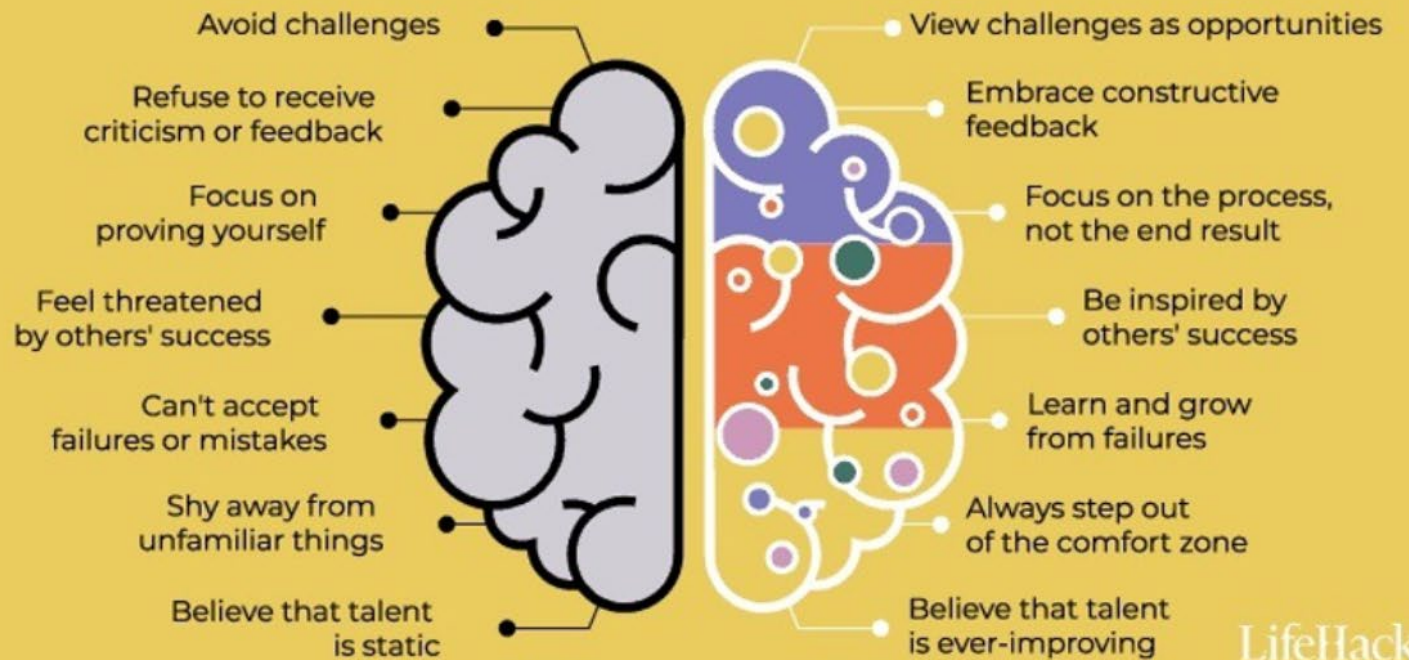


"Don't be a know-it-all.  
Be a learn-it-all."

Satya Nadella, CEO, Microsoft

A great quote from Satya Nadella that shows how Microsoft embraces the growth mindset approach. Simple and clear communication is important for instilling lasting changes

## Fixed Mindset vs Growth Mindset





# It's never too late.



**Ray Kroc -  
Joined McDonald's at 52**



**Henry Ford -  
Started Ford at 40**



**Harland Sanders -  
Started KFC at 65**



**Richard Samela -  
Won an argument with his wife at 54**

# SUCCESS IS AN ICEBERG

PEOPLE SEE ->



UNDERNEATH THE SURFACE ->

PERSISTENCE  
FAILURE  
SACRIFICE  
GOOD HABITS  
HARDWORK  
DEDICATION

ZIGLAP.COM

**Goal  
not role**

**Passion**

**Network**

**Try learn  
fail**

**Be  
accountable**

DEFINE	PREVENT	REPAIR
WHAT'S THE WORST THAT COULD HAPPEN IF YOU TAKE ACTION?	WHAT SPECIFIC ACTIONS COULD YOU TAKE TO REDUCE THE LIKELIHOOD OF THESE SITUATIONS HAPPENING?	IF THIS SITUATION DOES HAPPEN, WHAT WOULD YOU NEED TO DO TO GET BACK TO WHERE YOU ARE? (OR GET BACK ON THE "RIGHT TRACK"?)
GET SPECIFIC.		
DEFINE YOUR WORST NIGHTMARES.	CONSIDER BIG AND SMALL ACTIONS	
RATE 1-10 FOR IMPACT.		

# Microsoft Skilling Universe

No cost

Fee-based



How do your learners prefer to learn?

Choose the right skilling approach for your team. Click any tile to learn more.

I want to assess where my skill level is	Provide skilling recommendations	<a href="#">Practice Assessments</a>	Learning Partners	<a href="#">Connected Learning Experience (CLX)</a>	
I want to learn on my own time	Self-paced content	<a href="#">Self-paced learning</a>	<a href="#">Documentation</a>	<a href="#">LinkedIn Learning</a>	<a href="#">Connected Learning Experience (CLX)</a>
I want to watch and learn from others	On-demand video	<a href="#">Shows</a>	<a href="#">LinkedIn Learning</a>		
I want live feedback	Instructor-led	<a href="#">Instructor-led training</a>	<a href="#">Microsoft Virtual Training Days</a>	<a href="#">Learning Partners</a>	<a href="#">Blended Learning</a> <a href="#">Azure Technical Skilling Workshops</a>
I want to learn in a fun way	Gamified	<a href="#">Cloud Games</a>	<a href="#">Cloud Skills Challenge</a>	<a href="#">30 Days to Learn It</a>	
I want an interactive experience	Interactive learning	<a href="#">Cloud Workshops</a>	<a href="#">Blended Learning</a>	<a href="#">Azure Technical Skilling Workshops</a>	<a href="#">Events</a>
I want to prepare for a certification	Preparation	<a href="#">Exam readiness</a>	<a href="#">Practice Assessments</a>	<a href="#">Learning Partners</a>	
I want to validate my knowledge	Credentials	<a href="#">Certifications</a>			
I want to connect/learn from others	Community	<a href="#">Microsoft Learn Community</a>	<a href="#">Q&amp;A</a>		
I want a programmatic experience	Programs	<a href="#">Enterprise Skilling Initiative</a>	<a href="#">Unified Workshops</a>	<a href="#">Connected Learning Experience (CLX)</a>	
I want to accelerate my organizations digital transformation	Hub for innovation	<a href="#">MTC</a>			





<https://www.festivetechcalendar.com/>

## Introduction

### Sharpening your team's cloud skills begins here

Achieve your goals with the freedom and flexibility to build, manage, and deploy your applications anywhere. Use your preferred languages, frameworks, and infrastructure—even your own data center and other clouds—to solve challenges large and small. With help from Microsoft Azure, you have everything you need to build your next great solution.

[Microsoft Learn](#) supports IT pros, developers, and data and AI professionals to get the skills they need to cover all the aspects of digital transformation—managing on-premises, hybrid, or cloud infrastructure; innovating with the best-in-class applications; and supporting apps and infrastructure with data and analytics, all with the proper security considerations.

### The right journey leads to long-term growth

#### A map for the next milestone

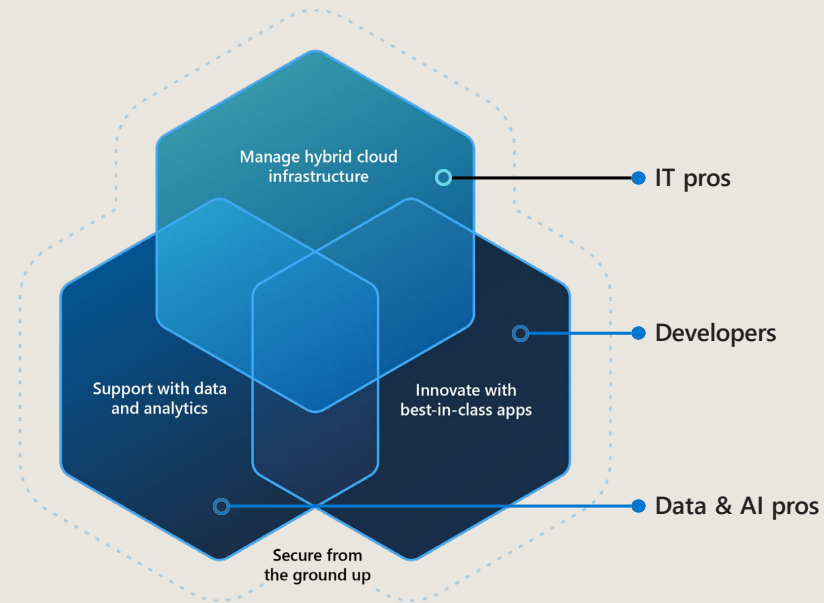
Use this guidebook to discover the recommended journey for you or your team. The following pages describe the recommended tracks learners can take to receive the maximum benefits of Azure training and certification.

#### Master the basics and beyond

Each journey is designed to help managers and learners identify where to start and where to go based on their specific role or projects.

#### Everything you need in one place

After determining which journey is the right fit, find courses, training opportunities, and other important information that sets you or your team up for success.



# Master the basics



Instructor-led  
training



Self-paced  
learning



Microsoft Virtual  
Training Days



Exam  
preparation



Microsoft Official  
Practice Test



Microsoft  
Certifications



Microsoft  
Learn  
Cloud Games

Cloud IT pros

Hybrid cloud IT pros

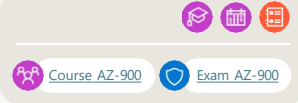
Developers

Data & AI  
professionals

Data analysts

## New to the cloud or new to Azure

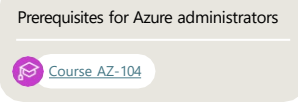
Azure fundamentals



Recommended for these roles

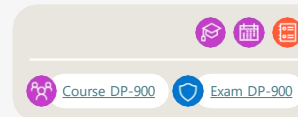
## New to Azure administration

Prerequisites for  
Azure administrators



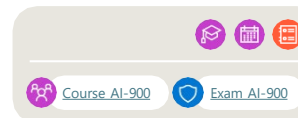
## New to data solutions on Azure

Azure data fundamentals



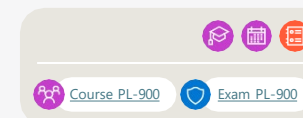
## New to AI or new to AI on Azure

Azure AI fundamentals



## New to Microsoft Power Platform

Power Platform  
fundamentals



# Training journey for cloud IT pros

Grow in role



Instructor-led  
training



Self-paced  
learning



Microsoft Virtual  
Training Days



Exam  
preparation



Microsoft Official  
Practice Test



Microsoft  
Certifications



Microsoft  
Learn  
Cloud Games



Start here

Choose additional paths that best fit your role and projects

Implement and manage secure cloud solutions

Azure administrator



Course AZ-104



Exam AZ-104



Implement and manage secure cloud solutions

Azure security engineer



Course AZ-500



Exam AZ-500



Bring cloud agility on-premises

Azure Stack Hub operator



Course AZ-600



Exam AZ-600



Manage SAP solutions on Azure

Azure for SAP workloads



Course AZ-120



Exam AZ-120



Deliver virtual desktop experiences  
and remote apps on Azure

Azure Virtual Desktop administrator



Course AZ-140



Exam AZ-140



Implement and manage networking solutions

Azure network engineer



Course AZ-700



Exam AZ-700



Troubleshoot networking and connectivity  
issues in Azure

Azure support engineer for connectivity



Exam AZ-720

Want to keep learning?

Check out the [Security, Compliance, and Identity Training Journey](#)



# Training journey for hybrid cloud IT pros

Grow in role



Instructor-led  
training



Self-paced  
learning



Microsoft Virtual  
Training Days



Exam  
preparation



Microsoft Official  
Practice Test



Microsoft  
Certifications



Microsoft  
Learn  
Cloud Games



Start here

Manage Windows Server on-premises,  
hybrid, and IaaS platform workloads

Windows Server hybrid administrator



Course AZ-800



Exam AZ-800



Course AZ-801



Exam AZ-801



Choose additional paths that best fit your role and projects

Implement, manage, and monitor  
cloud solutions

Azure administrator



Course AZ-104



Exam AZ-104



Deliver virtual desktop experiences and  
remote apps on Azure

Azure Virtual Desktop administrator



Course AZ-140



Exam AZ-140



Manage on-premises hyper-converged  
environments with Azure Stack HCI



Course WS-013

# Training journey for cloud IT pros expert level

Grow in role



Instructor-led  
training



Self-paced  
learning



Microsoft Virtual  
Training Days



Exam  
preparation



Microsoft Official  
Practice Test



Microsoft  
Certifications



Microsoft  
Learn  
Cloud Games



Start here

Implement, manage, and monitor cloud solutions  
Azure administrator



Course AZ-104



Exam AZ-104

Choose additional paths that best fit your role and projects

Deliver continuous value integrating people,  
processes, and technologies

DevOps engineer



Course AZ-400



Exam AZ-400

Design and implement end-to-end  
cloud solutions

Azure solutions architect



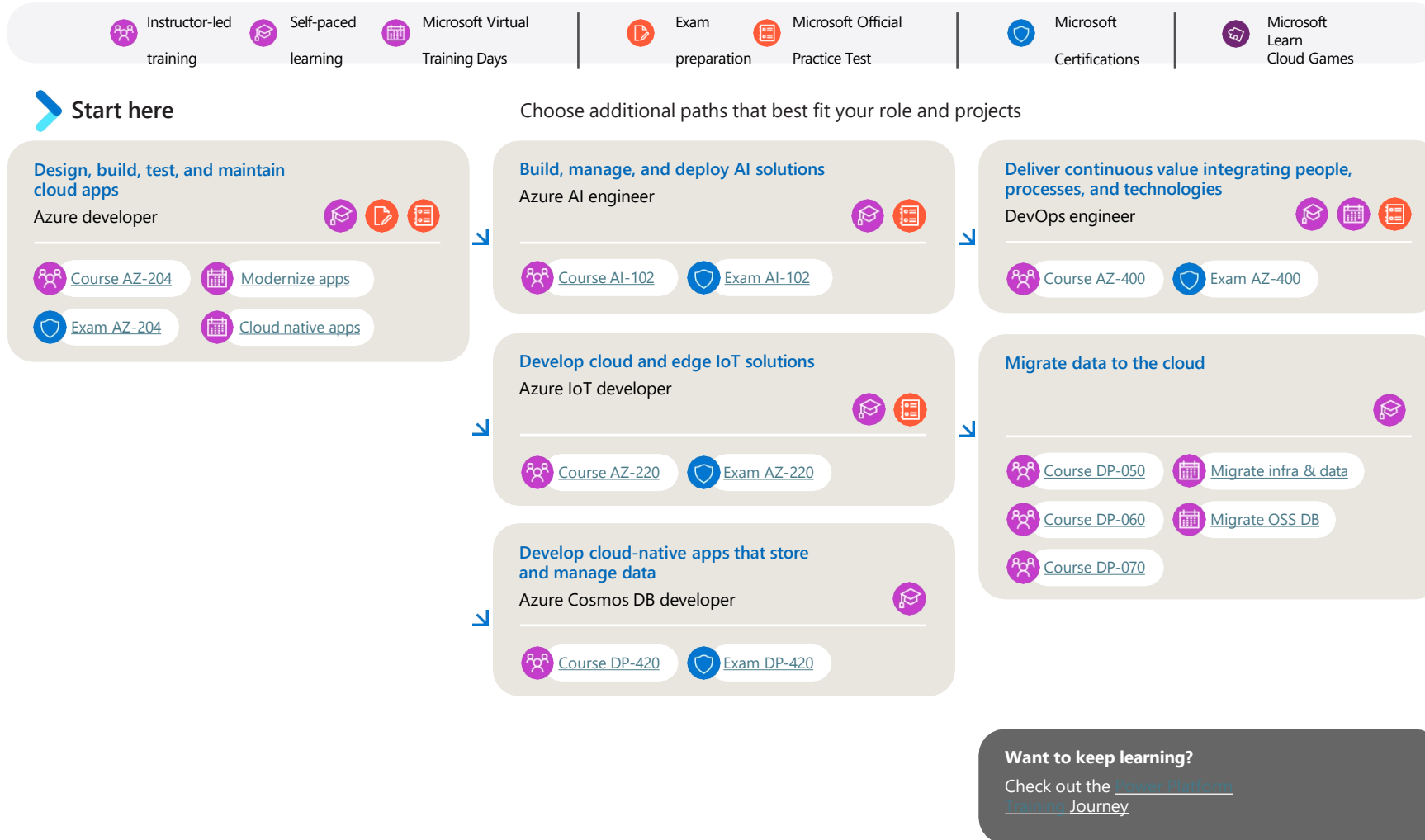
Course AZ-305



Exam AZ-305

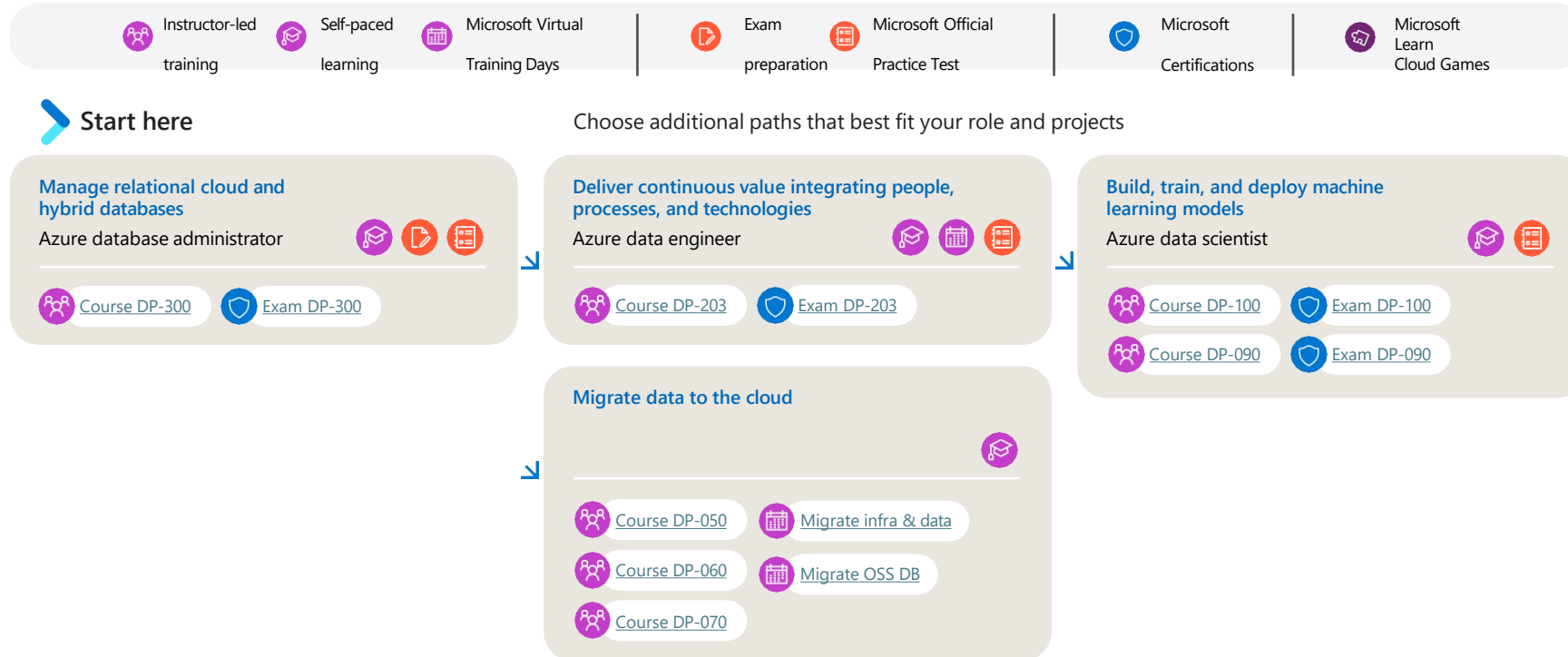
# Training journey for developers

Grow in role



# Training journey for data & AI professionals

Grow in role



# Training journey for data analysts

Grow in role



Instructor-led  
training



Self-paced  
learning



Microsoft Virtual  
Training Days



Exam  
preparation



Microsoft Official  
Practice Test



Microsoft  
Certifications



Microsoft  
Learn  
Cloud Games



Start here

Maximize the value of data assets  
with advanced analytics

Power BI data analyst



Course PL-300



Exam PL-300



Build enterprise-scale data  
analytics solutions

Azure Enterprise data analyst



Course DP-500



Exam DP-500



## Microsoft Virtual Training Day events

- These are in-depth, virtual training events that guide you toward the many possibilities for career and organizational impact today and tomorrow. With weekly events to match every skill level, they offer an opportunity to grow your technical skills and to gain the confidence to navigate what's ahead.

- **Microsoft Azure Virtual Training Days**

- **Azure Fundamentals** > aligned to Exam AZ-900 skills
- **Azure AI Fundamentals** > aligned to Exam AI-900 skills
- **Azure Data Fundamentals** > aligned to Exam DP-900 skills
- **Modernize .NET Apps** > recommended for Azure developers
- **Linux OSS Database Migration** > recommended for Azure database administrators
- **Migrating On-Premises Infrastructure and Data**  
> recommended for Azure database administrators
- **Azure Virtual Desktop**  
> recommended for Azure Virtual Desktop administrators
- **DevOps with GitHub** > recommended for DevOps engineers
- **Well-Architected** > recommended for Azure solution architects
- **Deliver Integrated Analytics with Azure Synapse**  
> recommended for Azure data engineers
- **Implementing Hybrid Infrastructure**  
> recommended for Windows Server hybrid administrators
- **Cloud Native Apps** > recommended for Azure developers

- [➞ Find and register for Microsoft Azure Virtual Training Days](#)

