Microsoft

Microsoft Azure training and certifications

aka.ms/AzureTrainCertDeck

> Access this guide in your preferred language. The English version of this document always has the most up-to-date information.

Table of contents

This guide has been created to provide training and certification options to achieve personal success.

Training journeys

Microsoft Virtual Training Days

Microsoft Azure certifications

Training journey for cloud IT pros

Grow in role

Start here

Choose additional paths that best fit your role and projects

Implement, manage, and monitor cloud solutions
Azure administrator
[AZ-104](#)

↘

Implement and manage secure cloud solutions
Azure security engineer
[AZ-500](#)

↘

Bring cloud agility on-premises
Azure Stack Hub operator
Delivered only by Microsoft Learning Partners
[AZ-600](#)

↘

Manage SAP solutions on Azure
Azure for SAP workloads
[AZ-120](#)

↘

Deliver virtual desktop experiences and remote apps on Azure
Azure Virtual Desktop administrator
[AZ-140](#)

↘

Implement and manage networking solutions
Azure network engineer
[AZ-700](#)

↘

Troubleshoot networking and connectivity issues in Azure
Azure support engineer for connectivity
Instructor-led training coming soon
[AZ-720](#)

Want to keep learning?   Explore the [Security, Compliance, and Identity Training Journey](#)

Master the basics

New to the cloud or new to Azure
Azure fundamentals
[AZ-900](#)

New to Azure administration
[Prerequisites for Azure administrators](#)

Training journey for hybrid cloud IT pros

Grow in role

Start here

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

[AZ-800](#)
[AZ-801](#)

Choose additional paths that best fit your role and projects

↘

Implement, manage, and monitor cloud solutions
Azure administrator

[AZ-104](#)

↘

Deliver virtual desktop experiences and remote apps on Azure
Azure Virtual Desktop administrator

[AZ-140](#)

↘

Manage on-premises hyper-converged environments with Azure Stack HCI
Delivered only by Learning Partners

[WS-013](#)

Master the basics

New to the cloud or new to Azure
Azure fundamentals

[AZ-900](#)

New to Azure administration
[Prerequisites for Azure administrators](#)

Training journey for cloud IT pros expert level

Grow in role

Start here

Choose additional paths that best fit your role and projects

Implement, manage, and monitor cloud solutions

AZ-104

Azure administrator

↘

Deliver continuous value integrating people, processes, and technologies

AZ-400

DevOps engineer

↘

Design and implement end-to-end cloud solutions

AZ-305

Azure solutions architect

Master the basics

New to Azure administration

Prerequisites for Azure administrators

New to Azure infrastructure architecture

Prerequisites for Azure solution architects

Training journey for developers

Grow in role

Start here

Choose additional paths that best fit your role and projects

Design, build, test, and maintain cloud apps
Azure developer

[AZ-204](#)

↳

Build, manage, and deploy AI solutions
Azure AI engineer

[AI-102](#)

↳

Deliver continuous value integrating people, processes, and technologies
DevOps engineer

[AZ-400](#)

↳

Develop cloud and edge IoT solutions
Azure IoT developer

[AZ-220](#)

↳

Migrate data to the cloud
Delivered only by Learning Partners

[DP-050](#)
[DP-060](#)
[DP-070](#)

↳

Develop cloud-native apps that store and manage data
Azure Cosmos DB developer

[DP-420](#)

Want to keep learning?   Check out the [Power Platform Training Journey](#)

Master the basics

New to the cloud or new to Azure
Azure fundamentals

[AZ-900](#)

New to data solutions on Azure
Azure data fundamentals

[DP-900](#)

New to AI or new to AI on Azure
Azure AI fundamentals

[AI-900](#)

Training journey for data & AI professionals

Grow in role

Start here

Choose additional paths that best fit your role and projects

Manage relational cloud and hybrid databases
Azure database administrator
DP-300

↘

Deliver continuous value integrating people, processes, and technologies
Azure data engineer
DP-203

↘

Build, train, and deploy machine learning models
Azure data scientist
DP-100
DP-090

↘

Migrate data to the cloud
Delivered only by Learning Partners
DP-050
DP-060
DP-070

Master the basics

New to the cloud or new to Azure
Azure fundamentals
AZ-900

New to data solutions on Azure
Azure data fundamentals
DP-900

New to AI or new to AI on Azure
Azure AI fundamentals
AI-900

Training journey for data analysts

Grow in role

> **Start here**

Maximize the value of data assets with advanced analytics	PL-300
Power BI data analyst	

↘

Build enterprise-scale data analytics solutions	DP-500
Azure Enterprise data analyst	

Master the basics

New to the cloud or new to Azure	AZ-900
Azure fundamentals	

New to data solutions on Azure	DP-900
Azure data fundamentals	

New to Microsoft Power Platform	PL-900
Microsoft Power Platform Fundamentals	

Microsoft Azure Virtual Training Days

Grow your skills in just days

Take advantage of free, in-depth, virtual training events, and start boosting your career potential right away. Grow your technical skills through weekly events for every skill level.

> Azure AI Fundamentals

> Azure Data Fundamentals

> Azure Fundamentals

> Azure Virtual Desktop

> Cloud-Native Apps

> Deliver Integrated Analytics with Azure Synapse

> DevOps with GitHub

> Linux OSS Database Migration

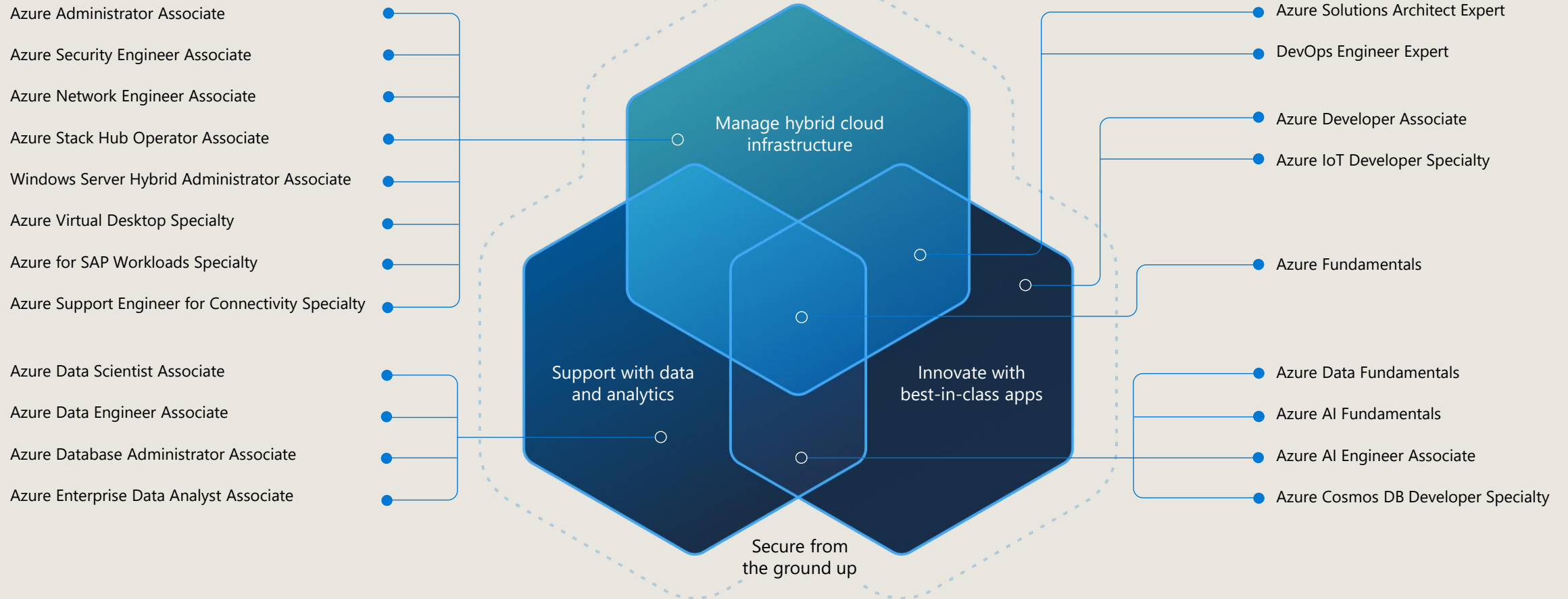> Migrating On-Premises Infrastructure and Data

> Well-Architected

View all Azure Virtual Training Days ›

Microsoft Azure certifications

Help advance your career, earn recognition, and validate your technical knowledge and abilities in current and future industry job roles with Microsoft Azure certifications. Visit the certifications page to get started.

aka.ms/AzureCerts_Poster

Azure Administrator Associate

Azure Security Engineer Associate

Azure Network Engineer Associate

Azure Stack Hub Operator Associate

Windows Server Hybrid Administrator Associate

Azure Virtual Desktop Specialty

Azure for SAP Workloads Specialty

Azure Support Engineer for Connectivity Specialty

Azure Data Scientist Associate

Azure Data Engineer Associate

Azure Database Administrator Associate

Azure Enterprise Data Analyst Associate

Manage hybrid cloud infrastructure

Support with data and analytics

Innovate with best-in-class apps

Secure from the ground up

Azure Solutions Architect Expert

DevOps Engineer Expert

Azure Developer Associate

Azure IoT Developer Specialty

Azure Fundamentals

Azure Data Fundamentals

Azure AI Fundamentals

Azure AI Engineer Associate

Azure Cosmos DB Developer Specialty

Azure. Invent with purpose.

Microsoft Azure certifications for IT pros (1)

Azure Administrator Associate Exam AZ-104	Azure Security Engineer Associate Exam AZ-500	Azure Stack Hub Operator Associate Exam AZ-600	Azure Network Engineer Associate Exam AZ-700	Windows Server Hybrid Administrator Associate Exams AZ-800 + AZ-801
Azure administrators implement, manage, and monitor an organization's Microsoft Azure environment.	Azure security engineers implement security controls that protect identity, access, data, applications, and networks in cloud and hybrid environments as part of an end-to-end infrastructure.	Azure Stack Hub operators provide infrastructure as a service (IaaS) and platform as a service (PaaS) offering to end users or customers from within their own datacenter using Azure Stack Hub.	Azure network engineers plan, implement, and maintain Azure networking solutions, including hybrid networking, connectivity, routing, security, and private access to Azure services.	Windows Server hybrid administrators configure and manage Windows Server on-premises, hybrid, and infrastructure as a service (IaaS) platform workloads.
• Manage Azure identities and governance • Implement and manage storage • Deploy and manage Azure compute resources • Configure and manage virtual networking • Monitor and maintain Azure resources	• Manage identity and access • Implement platform protection • Manage security operations • Secure data and applications	• Plan and deploy Azure Stack Hub • Provide services • Manage infrastructure	• Design, implement, and manage hybrid networking • Design and implement core networking infrastructure • Design and implement routing • Secure and monitor networks • Design and implement private access to Azure services	• Deploy and manage Active Directory Domain Services (AD DS) in on-premises and cloud environments • Manage Windows Servers and workloads in a hybrid environment • Manage virtual machines and containers • Implement and manage an on-premises and hybrid networking infrastructure • Manage storage and file services • Secure Windows Server on-premises and hybrid infrastructures • Implement and manage Windows Server high availability • Implement disaster recovery • Migrate servers and workloads • Monitor and troubleshoot Windows Server environments

Microsoft Azure certifications for IT pros (2)

DevOps Engineer Expert Exam AZ-400	Azure Solutions Architect Expert Exam AZ-305	Azure for SAP Workloads Specialty Exam AZ-120	Azure Virtual Desktop Specialty Exam AZ-140	Azure Support Engineer for Connectivity Specialty Exam AZ-720
DevOps engineers work with people, processes, and products to enable continuous delivery of value in organizations.	Azure solution architects design cloud and hybrid solutions that run on Microsoft Azure, including compute, network, storage, monitoring, and security.	Architects or engineers for Azure for SAP Workloads have extensive experience and knowledge of the SAP system landscape and industry standards that are specific to the initial migration or integration and the long-term operation of an SAP solution on Microsoft Azure.	Administrators for Azure Virtual Desktop design, implement, manage, and maintain Microsoft Azure Virtual Desktop experiences and remote apps for any device.	Support engineers for Azure connectivity use advanced troubleshooting methods to resolve networking and connectivity issues in Azure.
• Develop an instrumentation strategy • Develop a Site Reliability Engineering (SRE) strategy • Develop a security and compliance plan • Manage source control • Facilitate communication and collaboration • Define and implement continuous integration • Define and implement a continuous delivery and release management strategy	• Design identity, governance, and monitoring solutions • Design data storage solutions • Design business continuity solutions • Design infrastructure solutions	• Migrate SAP workloads to Azure • Design and implement an infrastructure to support SAP workloads on Azure • Design and implement high availability and disaster recovery (HA/DR) • Maintain SAP workloads on Azure	• Plan and implement an Azure Virtual Desktop infrastructure • Plan and implement identity and security • Plan and implement user environments and apps • Monitor and maintain an Azure Virtual Desktop infrastructure	• Troubleshoot business continuity issues • Troubleshoot hybrid and cloud connectivity issues • Troubleshoot Platform as a Service issues • Troubleshoot authentication and access control issues • Troubleshoot networks • Troubleshoot VM connectivity issues

Microsoft Azure certifications for developers

Innovate with best-in-class apps

Azure Developer Associate Exam AZ-204	DevOps Engineer Expert Exam AZ-400	Azure IoT Developer Specialty Exam AZ-220	Azure AI Engineer Associate Exam AI-102	Azure Cosmos DB Developer Specialty Exam DP-420
Azure developers participate in all phases of development from requirements definition and design to development, deployment, and maintenance.	DevOps engineers work with people, processes, and products to enable continuous delivery of value in organizations.	Azure IoT developers implement the configuration and coding tasks required to create and maintain the cloud and edge portions of an IoT solution.	Azure AI engineers build, manage, and deploy AI solutions that leverage Azure Cognitive Services and Azure Applied AI services.	Azure Cosmos DB developers design, implement, and monitor cloud-native applications that store and manage data.
• Develop Azure compute solutions • Develop for Azure storage • Implement Azure security • Monitor, troubleshoot, and optimize Azure solutions • Connect to and consume Azure services and third-party services	• Develop an instrumentation strategy • Develop a Site Reliability Engineering (SRE) strategy • Develop a security and compliance plan • Manage source control • Facilitate communication and collaboration • Define and implement continuous integration • Define and implement a continuous delivery and release management strategy	• Set up the Azure IoT Hub solution infrastructure • Provision and manage devices • Implement IoT Edge • Implement business integration • Process and manage data • Monitor, troubleshoot, and optimize IoT solutions • Implement security	• Plan and manage an Azure Cognitive Services solution • Implement Computer Vision solutions • Implement natural language processing solutions • Implement knowledge mining solutions • Implement conversational AI solutions	• Design and implement data models • Design and implement data distribution • Integrate an Azure Cosmos DB solution • Optimize an Azure Cosmos DB solution • Maintain an Azure Cosmos DB solution