Microsoft Azure training and certifications

NetCom LEARNING | **Microsoft**

Table of contents

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

Welcome to Microsoft Azure training and certifications

Our approach to learning is to develop an inclusive environment for every stage in an individual's career.

How to use this deck
The following resources will prepare you for the learning experience.

Training journey
Recommended tracks to help you identify where to start your training and where to go based on your role or projects..
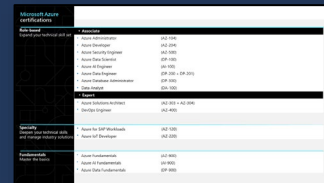
Certification portfolio
Available certifications and associated exams in portfolio.

Certification overview
Identify the right candidate profile with the recommended skills, knowledge, and experience.
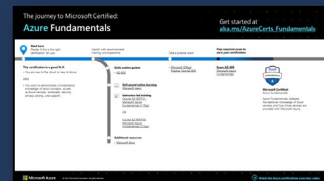
Certification journey
Recommended steps to earn a certification, including preparation resources and opportunities for continue learning.
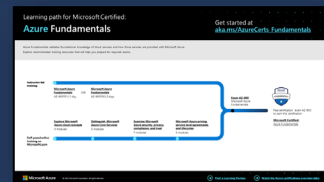
Certification learning path
Recommended training content to prepare for certification exams, including self-paced training and Microsoft Official Courseware (MOC) delivered by Learning Partners.

Azure training journey for IT pros

Master the basics

New to the cloud or new to Azure

🛡 Azure Fundamentals

Grow in role

📍 **Start here**

Implement, manage, and monitor cloud solutions

🛡 Azure Administrator Associate

Implement and manage secure cloud solutions

🛡 Azure Security Engineer Associate

Design and implement end-to-end cloud solutions

🛡 Azure Solutions Architect Expert

Implement and manage networking solutions

🛡 Azure Network Engineer Associate

Manage SAP solutions on Azure

🛡 Azure for SAP Workloads Specialty

Deliver continuous value, integrating people, processes, and technologies

🛡 DevOps Engineer Expert

Bring cloud agility on-premises

🛡 Azure Stack Hub Operator Associate

Deliver virtual desktop experiences and remote apps on Azure

🛡 Azure Virtual Desktop Specialty

Continue to grow with additional training

Migrate apps and infrastructure to the cloud

Manage Windows Server and hybrid cloud solutions

Manage Linux on Azure

Microsoft Azure

→ **See the complete Azure Training Journey**

Azure training journey for developers

Master the basics

Grow in role

Continue to grow with additional training

New to the cloud or new to Azure
- Azure Fundamentals

New to data solutions on Azure
- Azure Data Fundamentals

New to AI or new to AI on Azure
- Azure AI Fundamentals

📍 **Start here**

Design, build, test, and maintain cloud apps
- Azure Developer Associate

Deliver continuous value integrating people, processes, and technologies
- DevOps Engineer Expert

Build, manage, and deploy AI solutions
- Azure AI Engineer Associate

Develop cloud and edge IoT solutions
- Azure IoT Developer Specialty

Design and implement end-to-end cloud solutions
- Azure Solutions Architect Expert

Migrate data to the cloud

Microsoft Azure

See the complete Azure Training Journey

Azure training journey for data & AI pros

Master the basics

Grow in role

Continue to grow with additional training

New to the cloud or new to Azure
🛡 Azure Fundamentals

New to data solutions on Azure
🛡 Azure Data Fundamentals

New to AI or new to AI on Azure
🛡 Azure AI Fundamentals

📍 **Start here**

Manage relational cloud and hybrid databases
🛡 Azure Database Administrator Associate

Get structured and unstructured data ready for analytics
🛡 Azure Data Engineer Associate

Migrate data to the cloud

📍 **Start here**

Build, manage, and deploy AI solutions
🛡 Azure AI Engineer Associate

Build, train, and deploy machine learning models
🛡 Azure Data Scientist Associate

📍 **Start here**

Get insights from data assets
🛡 Data Analyst Associate

Microsoft Azure

See the complete Azure Training Journey

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)
- Azure Network Engineer (AZ-700)
- Windows Server Hybrid Administrator (AZ-800 + AZ-801)

▼ Expert

- Azure Solutions Architect (AZ-305)
- DevOps Engineer (AZ-400)

Specialty
Deepen your technical skills and manage industry solutions

- 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)

Overview of Microsoft Certified:
Azure Fundamentals

Who is this certification for?

Candidates for this certification should have foundational knowledge of cloud services and how those services are provided with Microsoft Azure.

Exam details

AZ-900:
Microsoft Azure Fundamentals

Skills measured:

• Describe cloud concepts

• Describe core Azure services

• Describe security, privacy, compliance, and trust

• Describe Azure pricing Service Level Agreements and Lifecycles

Knowledge and experience:

A candidate for this exam should be able to demonstrate a fundamental knowledge of cloud concepts, as well as Azure services, workloads, security, privacy, pricing, and support. In addition, a candidate should be familiar with concepts of networking, storage, compute, application support, and application development.

Certification

Pass certification exam
AZ-900 to earn this certification

Microsoft Certified:
Azure Fundamentals

Azure Fundamentals validates foundational knowledge of cloud services and how those services are provided with Microsoft Azure.

Products featured

• Microsoft Azure

Microsoft Azure

The journey to Microsoft Certified:
Azure **Fundamentals**

Get started at
AzureCerts_Fundamentals

Start here
Decide if this is the right
certification for you

Upskill with recommended
training and experience

**Pass required exam to
earn your certification**

This certification is a good fit if:

• You are new to the cloud or new to Azure.

AND

• You want to demonstrate a fundamental
knowledge of cloud concepts, as well
as Azure services, workloads, security,
privacy, pricing, and support.

Skills outline guides

• AZ-900

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-900T01:
Microsoft Azure
Fundamentals (1 Day)

OR

Course AZ-900T00:
Microsoft Azure
Fundamentals (2 Day)

Additional resources

• Microsoft Docs

Exam AZ-900
Microsoft Azure
Fundamentals

Microsoft
CERTIFIED

FUNDAMENTALS

Microsoft Certified:
Azure Fundamentals

Azure Fundamentals validates
foundational knowledge of cloud
services and how those services are
provided with Microsoft Azure.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:
Azure Data Fundamentals

Who is this certification for?

Candidates for this certification should have foundational knowledge of core data concepts and how they are implemented using Microsoft Azure data services.

Exam details

DP-900:
Microsoft Azure Data Fundamentals

Skills measured:

• Describe core data concepts

• Describe how to work with relational data on Azure

• Describe how to work with non-relational data on Azure

• Describe an analytics workload on Azure

Knowledge and experience:

A candidate for this exam should be familiar with the concepts of relational and non-relational data, and different types of data workloads, such as transactional or analytical.

Certification

Pass certification exam **DP-900** to earn this certification

Microsoft Certified: **Azure Data Fundamentals**

Azure Data Fundamentals validates foundational knowledge of core data concepts and how they are implemented using Microsoft Azure data services.

Products featured

• Microsoft Azure

• Microsoft SQL Server

Microsoft Azure

The journey to Microsoft Certified:
Azure Data Fundamentals

Get started at
AzureCerts_DataFundamentals

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if:

• You are beginning to work with data in the cloud.

AND

• You want to demonstrate your knowledge of core data concepts like relational and non-relational data, types of data workloads, like transactional or analytical, and how they are implemented using Azure data services.

Skills outline guides

• DP-900

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DP-900T00: Microsoft Azure Data Fundamentals

Additional resources

• Microsoft Docs

Exam DP-900
Microsoft Azure Data Fundamentals

Microsoft
CERTIFIED

FUNDAMENTALS

★

Microsoft Certified: **Azure Data Fundamentals**

Azure Data Fundamentals validates foundational knowledge of core data concepts and how they are implemented using Microsoft Azure data services.

Brand new? First, master the basics.

New to the cloud or Azure? Choose Azure Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Azure AI Fundamentals

Get started at
AzureCerts_AIFundamentals

Exam details

Certification

Products featured

• Microsoft Azure

Who is this certification for?

Candidates for this certification should have foundational knowledge of machine learning and AI concepts and related Microsoft Azure services.

This certification is intended for candidates with both technical and non-technical backgrounds. Data science and software engineering experience are not required; however, some general programming knowledge or experience would be beneficial.

AI-900:
Microsoft Azure AI Fundamentals

Skills measured:

• Describe AI workloads and considerations

• Describe fundamental principles of machine learning on Azure

• Describe features of computer vision workloads on Azure

• Describe features of natural language processing (NLP) workloads on Azure

• Describe features of conversational AI workloads on Azure

Knowledge and experience:

A candidate for this exam should have knowledge of common machine learning and AI workloads and how to implement them on Azure.

Pass certification exam **AI-900** to earn this certification

Microsoft Certified:
Azure AI Fundamentals

Azure AI Fundamentals validates foundational knowledge of machine learning and AI concepts and related Microsoft Azure services.

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure AI Fundamentals

Get started at
AzureCerts_AIFundamentals

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if:

• You are new to AI or AI on Azure.

AND

• You want to demonstrate your knowledge of common machine learning and AI workloads and how to implement them on Azure.

Skills outline guide

• AI-900

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AI-900T00:
Microsoft Azure AI Fundamentals

Additional resources

• Microsoft Docs

Exam AI-900
Microsoft Azure AI Fundamentals

Microsoft Certified:
Azure AI Fundamentals

Azure AI Fundamentals validates foundational knowledge of machine learning and AI concepts and related Microsoft Azure services.

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Azure Administrator Associate

Get started at
AzureCerts_Admin

Exam details

Certification

Who is this certification for?

Candidates for this certification should have subject matter expertise implementing, managing, and monitoring an organization's Microsoft Azure environment.

Responsibilities for this role include implementing, managing, and monitoring identity, governance, storage, compute, and virtual networks in a cloud environment, plus provision, size, monitor, and adjust resources, when needed.

AZ-104:
Microsoft Azure Administrator

Skills measured:

• Manage Azure identities and governance

• Implement and manage storage

• Deploy and manage Azure compute resources

• Configure and manage virtual networking

• Monitor and back up Azure resources

Knowledge and experience:

A candidate for this exam should have at least six months of hands-on experience administering Azure, along with a strong understanding of core Azure services, Azure workloads, security, and governance. In addition, this role should have experience using PowerShell, Azure CLI, Azure portal, and Azure Resource Manager templates.

Pass certification exam
AZ-104 to earn this certification

Microsoft Certified:
Azure Administrator Associate

Azure Administrators implement, manage, and monitor an organization's Microsoft Azure environment.

Products featured

• Microsoft Azure

The journey to Microsoft Certified:

Azure Administrator Associate

Get started at
AzureCerts_Admin

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

Continue to grow

This certification is a good fit if your responsibilities include:

- Implementing, managing, and monitoring identity, governance, storage, compute, and virtual networks in a cloud environment.

- Provisioning, sizing, monitoring, and adjusting resources when needed.

OR

If you already have or were working toward any of these certifications:

- MCSE: Core Infrastructure

- MCSA: Windows Server 2012

- MCSA: Windows Server 2016

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to administering Azure?
Choose Prerequisites for Azure administrators.

Skills outline guide

- AZ-104

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-104T00:
Microsoft Azure
Administrator

OR

Course AZ-010T00: Azure
Administrator
for AWS SysOps

Exam AZ-104
Microsoft Azure
Administrator

Microsoft
CERTIFIED

ASSOCIATE
★★

Microsoft Certified:
**Azure Administrator
Associate**

Azure Administrators implement, manage, and monitor an organization's Microsoft Azure environment.

Instructor-led training

- Course WS-050T00: Migrating Application Workloads to Azure

- Course WS-011T00: Windows Server 2019 Administration

- Course WS-012T00: Windows Server 2019 Hybrid and Azure IaaS

- Course WS-013T00: Azure Stack HCI

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:
Azure Security Engineer Associate

Get started at
AzureCerts_SecurityEngineer

Exam details

Certification

Who is this certification for?

Candidates for this certification should have subject matter expertise implementing security controls and threat protection, managing identity and access, and protecting data, applications, and networks in cloud and hybrid environments as part of an end-to-end infrastructure.

Responsibilities for this role include maintaining the security posture, identifying and remediating vulnerabilities by using a variety of security tools, implementing threat protection, and responding to security incident escalations.

AZ-500:
Microsoft Azure Security Technologies

Skills measured:

• Manage identity and access

• Implement platform protection

• Manage security operations

• Secure data and applications

Knowledge and experience:

A candidate for this exam should have strong skills in scripting and automation; a deep understanding of networking, virtualization, and cloud N-tier architecture; and a strong familiarity with cloud capabilities and products and services for Azure, plus other Microsoft products and services.

Pass certification exam **AZ-500** to earn this certification

Microsoft Certified:
Azure Security Engineer Associate

Azure Security Engineers implement security controls and threat protection, manage identity and access, and protect data, applications, and networks in cloud and hybrid environments as part of an end-to-end infrastructure.

Products featured

• Microsoft Azure

Microsoft Azure

The journey to Microsoft Certified:
Azure Security Engineer Associate

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Maintaining security posture.

- Identifying and remediating vulnerabilities by using a variety of security tools.

- Implementing threat protection.

- Responding to security incident escalations.

Skills outline guide

- AZ-500

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-500T00:
Microsoft Azure Security Technologies

Exam AZ-500
Microsoft Azure Security Technologies

Microsoft Certified:
Azure Security Engineer Associate

Azure Security Engineers implement security controls and threat protection, manage identity and access, and protect data, applications, and networks in cloud and hybrid environments as part of an end-to-end infrastructure.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Azure Administrator training on NetCom Learning.

Microsoft Azure

Who is this certification for?

Candidates for this certification are Azure administrators or Azure Stack Hub operators who provide cloud services to end users or customers from within their own datacenter using Azure Stack Hub.

Responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Stack Hub infrastructure. They also offer hybrid cloud resources and requested services and manage infrastructure as a service (IaaS) and platform as a service (PaaS).

Exam details

AZ-600:
Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Skills measured:

- Provide services
- Implement data center integration
- Manage identity and access
- Manage infrastructure

Knowledge and experience:

A candidate for this exam should have significant experience managing and operating Azure Stack Hub environments. They should have a strong understanding of Azure, in addition to some knowledge of virtualization, networking, and identity management. They need to understand how Azure Stack Hub enables DevOps processes and the hybrid development model.

Certification

Pass certification exam **AZ-600** to earn this certification

Microsoft Certified:
Azure Stack Hub Operator Associate

Azure Stack Hub operators provide cloud services to their end users or customers from within their own datacenter using Azure Stack Hub.

Products featured

- Microsoft Azure

The journey to Microsoft Certified:
Azure Stack Hub Operator Associate

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Plan, deploy, package, update, and maintain the Azure Stack Hub infrastructure.

- Offer hybrid cloud resources and requested services and manage infrastructure as a service (IaaS) and platform as a service (PaaS).

Skills outline guide

- AZ-600

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-600T00: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Exam AZ-600
Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Microsoft Certified:
Azure Stack Hub Operator Associate

Azure Stack Hub operators provide cloud services to their end users or customers from within their own datacenter using Azure Stack Hub.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Azure Administrator training on NetCom Learning.

Microsoft Azure

Watch the Azure certifications overview video

Who is this certification for?

Candidates for this certification plan, implement, and maintain Azure networking solutions, including hybrid networking, connectivity, routing, security, and private access to Azure services.

Responsibilities for this role include managing networking solutions for performance, resiliency, scale, and security. They deploy networking solutions by using the Azure Portal and other methods, including PowerShell, Azure Command-Line Interface (CLI), and Azure Resource Manager templates (ARM templates).

Exam details

AZ-700:
Designing and Implementing Microsoft Azure Networking Solutions

Skills measured:

• 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

Knowledge and experience:

Candidates for this exam should have expert Azure administration skills, in addition to extensive experience and knowledge of networking, hybrid connections, and network security.

Certification

Pass certification exam **AZ-700** to earn this certification

Microsoft Certified:
Azure Network Engineer Associate

Azure Network Engineers plan, implement, and maintain Azure networking solutions.

Products featured

• Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Network Engineer Associate

Get started at
AzureCerts_NetworkEngineer

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Managing networking solutions for performance, resiliency, scale, and security.
- Deploying networking solutions by using the Azure Portal and other methods, including PowerShell, Azure Command-Line Interface (CLI), and Azure Resource Manager templates (ARM templates).

Skills outline guide

- AZ-700

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-700T00: Designing and Implementing Microsoft Azure Networking Solutions

Exam AZ-700
Designing and Implementing Microsoft Azure Networking Solutions

Microsoft Certified:
Azure Network Engineer Associate

Azure Network Engineers plan, implement, and maintain Azure networking solutions.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Azure Administrator training on NetCom Learning.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:
Windows Server Hybrid Administrator Associate

Get started at
aka.ms/AzureCerts_WindowsServer

Who is this certification for?

Candidates for this certification should have subject matter expertise in configuring and managing Windows Server on-premises, hybrid, and infrastructure as a service (IaaS) platform workloads. They should have extensive experience working with Windows Server operating systems.

Responsibilities include integrating Windows Server environments with Azure services and managing Windows Server in on-premises networks.

Exam details

AZ-800:
Administering Windows Server Hybrid Core Infrastructure

Skills measured:

- 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

Knowledge and experience:

A candidate for this exam administers core Windows Server workloads using on-premises, hybrid, and cloud technologies. They should have expertise in implementing and managing on-premises and hybrid solutions, such as identity, management, compute, networking, and storage.

AZ-801:
Configuring Windows Server Hybrid Advanced Services

Skills measured:

- 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

Knowledge and experience:

A candidate for this exam configures advanced Windows Server services using on-premises, hybrid, and cloud technologies. They should have expertise in performing tasks related to security, migration, monitoring, high availability, troubleshooting, and disaster recovery.

Certification

Pass certification exams **AZ-800** and **AZ-801** to earn this certification

Microsoft Certified:

Windows Server Hybrid Administrator Associate

Windows Server Hybrid Administrators configure and manage Windows Server on-premises, hybrid, and infrastructure as a service (IaaS) platform workloads.

Products featured

- Windows Server
- Microsoft Azure

The journey to Microsoft Certified:
Windows Server Hybrid Administrator Associate

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exams to earn your certification

This certification is a good fit if your responsibilities include:

- Integrating Windows Server environments with Azure services and managing Windows Server in on-premises networks.

- Managing and maintaining Windows Server IaaS workloads in Azure, in addition to migrating and deploying workloads to Azure.

- Administering core and advanced Windows Server workloads and services using on-premises, hybrid, and cloud technologies.

OR

If you already have or were working toward any of these certifications:

- MCSE: Core Infrastructure

- MCSA: Windows Server 2012

- MCSA: Windows Server 2016

Skills outline guide

- AZ-800
- AZ-801

🖥 **Self-paced online learning**
Microsoft Learn

✍ **Instructor-led training**
Course AZ-800T00 Administering Windows Server Hybrid Core Infrastructure

+

Course AZ-801T00 Configuring Windows Server Hybrid Advanced Services

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AZ-800: Administering Windows Server Hybrid Core Infrastructure

AZ-801:
Configuring Windows Server Hybrid Advanced Services

Microsoft CERTIFIED
ASSOCIATE
★★

Microsoft Certified:
Windows Server Hybrid Administrator Associate

Windows Server Hybrid Administrators configure and manage Windows Server on-premises, hybrid, and infrastructure as a service (IaaS) platform workloads.

Microsoft Azure

Azure Solutions Architect Expert

Get started at
AzureCerts_SolutionsArchitect

Exam details

Certification

Who is this certification for?

Candidates for this certification should have subject matter expertise in designing and implementing solutions that run on Microsoft Azure, including aspects like compute, network, storage, and security.

Responsibilities for this role include advising stakeholders and translating business requirements into secure, scalable, and reliable cloud solutions.

AZ-305:
Designing Microsoft Azure Infrastructure Solutions (beta)

Skills measured:

• Design identity, governance, and monitoring solutions

• Design data storage solutions

• Design business continuity solutions

• Design infrastructure solutions

Knowledge and experience:

A candidate for this exam should have expertise implementing strategies for collaboration, code, infrastructure, source control, security, compliance, continuous integration, testing, delivery, monitoring, and feedback. Additionally, a candidate must be familiar with both Azure administration and development and must be expert in at least one of these areas.

Pass certification exam **AZ-305** to earn this certification

Products featured

• Microsoft Azure

Microsoft Certified: **Azure Solutions Architect Expert**

Azure Solutions Architects design and implement solutions that run on Microsoft Azure, including aspects like compute, network, storage, and security.

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Solutions Architect Expert

Get started at
AzureCerts_SolutionsArchitect

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exams to earn your certification

This certification is a good fit if your responsibilities include:

• Advising stakeholders and translating business requirements into secure, scalable, and reliable cloud solutions.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Choose Azure Administrator training.

Need to update your skills in Azure security?
Choose Azure Security Engineer training.

Need to update your skills in Azure development?
Choose Azure Developer training.

Skills outline guide

• AZ-305

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-305T00 Designing Microsoft Azure Infrastructure Solutions

Exam AZ-305
Designing Microsoft Azure Infrastructure Solutions (beta)

Microsoft Certified:
Azure Solutions Architect Expert

Azure Solutions Architects design and implement solutions that run on Microsoft Azure, including aspects like compute, network, storage, and security.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:

Azure for SAP Workloads Specialty

Get started at
AzureCerts_SAPWorkloads

Who is this certification for?

Candidates for this certification should be architects or engineers with 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.

Responsibilities for this role include making recommendations on services and adjusting resources as appropriate for optimal resiliency, performance, scale, provision, size, and monitoring.

Exam details

AZ-120:
Planning and Administering Microsoft Azure for SAP Workloads

Skills measured:

• Migrate SAP Workloads to Azure

• Design an Azure Solution to Support SAP Workloads

• Build and Deploy Azure for SAP Workloads

• Validate Azure Infrastructure for SAP Workloads

• Operationalize Azure SAP Architecture

Knowledge and experience:

A candidate for this exam should have extensive experience and knowledge of SAP applications: SAP HANA, S/4HANA, SAP NetWeaver, SAP BW/4HANA, OS servers for SAP applications and databases, Azure portal, Azure Resource Manager templates, operating systems, virtualization, cloud infrastructure, storage structures, high availability design, disaster recovery design, data protection concepts, and networking.

Certification

Pass certification exam **AZ-120** to earn this certification

Microsoft
CERTIFIED

SPECIALTY

Microsoft Certified:
Azure for SAP Workloads Specialty

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 long-term operation of an SAP solution on Microsoft Azure.

Products featured

• Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure for SAP Workloads Specialty

Get started at
AzureCerts_SAPWorkloads

Start here
Decide if this is the right
certification for you

Upskill with recommended
training and experience

**Pass required exam to
earn your certification**

**This certification is a good fit if your
responsibilities include:**

- Making recommendations on services
  and adjusting resources as appropriate
  for optimal resiliency, performance, scale,
  provision, size, and monitoring of Azure
  for SAP Workloads.

Skills outline guide

- AZ-120

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-120T00: Planning
and Administering
Microsoft Azure for SAP
Workloads

Exam AZ-120
Planning and Administering
Microsoft Azure for SAP Workloads

Microsoft
CERTIFIED

SPECIALTY

Microsoft Certified:
**Azure for SAP Workloads
Specialty**

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 long-term
operation of an SAP solution on
Microsoft Azure.

First, make sure your skills are up to date.

**Need to update your skills in Azure
administration?**
Choose Azure Administrator training on
NetCom Learning

**Need to update your skills in Azure
architecture?**
Choose Azure Solutions Architect training
on NetCom Learning.

Microsoft Azure

Watch the Azure certifications overview video

Azure Virtual Desktop Specialty

Get started at
AzureCerts_VirtualDesktop

Who is this certification for?

Candidates for the Azure Virtual Desktop Specialty certification are administrators with subject matter expertise in planning, delivering, and managing virtual desktop experiences and remote apps, for any device, on Azure.

Responsibilities for this role include deploying virtual desktop experiences and apps to Azure. These professionals deliver applications on Azure Virtual Desktop and optimize them to run in multi-session virtual environments. To deliver these experiences, they work closely with Azure administrators and architects, along with Microsoft 365 administrators.

Exam details

AZ-140:
Configuring and Operating Microsoft Azure Virtual Desktop

Skills measured:

• Plan an Azure Virtual Desktop architecture

• Implement an Azure Virtual Desktop infrastructure

• Manage access and security

• Manage user environments and apps

• Monitor and maintain an Azure Virtual Desktop infrastructure

Knowledge and experience:

Candidates for this certification should have experience in Azure technologies, including virtualization, networking, identity, storage, backups, resilience, and disaster recovery. They should understand on-premises virtual desktop infrastructure technologies as they relate to migrating to Azure Virtual Desktop. These professionals use the Azure portal and Azure Resource Manager templates to accomplish many of their tasks. They might use PowerShell and Azure CLI for more efficient automation.

Certification

Pass certification exam **AZ-140** to earn this certification

Microsoft Certified:
Azure Virtual Desktop Specialty

Administrators for Azure Virtual Desktop plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure.

Products featured

• Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Virtual Desktop Specialty

Get started at
AzureCerts_VirtualDesktop

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Deploying virtual desktop experiences and apps to Azure.
- Delivering applications on Azure Virtual Desktop and optimizing them to run in multi-session virtual environments.

Skills outline guide

- AZ-140

🖥 **Self-paced online learning**
Microsoft Learn

✏ **Instructor-led training** Course AZ-140T00: Configuring and Operating Microsoft Azure Virtual Desktop

Exam AZ-140
Configuring and Operating Microsoft Azure Virtual Desktop

Microsoft
CERTIFIED
SPECIALTY

Microsoft Certified:
Azure Virtual Desktop Specialty

Administrators for Azure Virtual Desktop plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Azure Administrator training on NetCom Learning.

Microsoft Azure

→ **Watch the Azure certifications overview video**

Who is this certification for?

Candidates for this certification should have subject matter expertise designing, building, testing, and maintaining cloud applications and services on Microsoft Azure.

Responsibilities for this role include participating in all phases of cloud development, from requirements definition and design to development, deployment, maintenance, performance tuning, and monitoring.

Exam details

AZ-204:
Developing Solutions for Microsoft Azure

Skills measured:

- 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

Knowledge and experience:

A candidate for this exam should have one to two years of professional development experience and experience with Microsoft Azure. In addition, they should have the ability to program in a language supported by Azure, plus proficiency in Azure SDKs, Azure PowerShell, and Azure CLI. They should also be proficient in data storage options, data connections, APIs, app authentication and authorization, compute and container deployment, debugging, performance tuning, and monitoring.

Certification

Pass certification exam
AZ-204 to earn this certification

Microsoft Certified: **Azure Developer Associate**

Azure Developers design, build, test, and maintain cloud applications and services.

Products featured

- Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Developer Associate

Get started at
AzureCerts_Developer

Start here
Decide if this is the right
certification for you

Upskill with recommended
training and experience

**Pass required exam to
earn your certification**

**This certification is a good fit if your
responsibilities include:**

- Participating in all phases of
  cloud development: requirements
  definition and design, development,
  deployment, maintenance,
  performance tuning, and monitoring.

OR

**If you already have or are working
toward any of these certifications:**

- MCSD: App Builder
- MCSA: Web Applications
- MCSA: Universal Windows Platform

Brand new? First, master the basics.

New to the cloud or Azure? Choose
Azure Fundamentals training.

Skills outline guide

- AZ-204

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-204T00:
Developing solutions for
Microsoft Azure

OR

Course AZ-020T00:
Microsoft Azure Solutions
for AWS Developers

Exam AZ-204
Developing
Solutions for
Microsoft Azure

Microsoft
CERTIFIED
ASSOCIATE
★ ★

Microsoft Certified: **Azure
Developer Associate**

Azure Developers design,
build, test, and maintain cloud
applications and services.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:
DevOps Engineer Expert

Get started at
AzureCerts_DevOpsEngineer

Who is this certification for?

Candidates for this certification should have subject matter expertise working with people, processes, and technologies to continuously deliver business value.

Candidates must be familiar with both Azure administration and development and must be expert in at least one of these areas.

Prerequisite

Certification option 1

• Azure Administrator Associate

OR

Certification option 2

• Azure Developer Associate

Exam details

AZ-400:
Designing and Implementing Microsoft DevOps Solutions

Skills measured:

• 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

Knowledge and experience:

A candidate for this exam should have expertise implementing strategies for collaboration, code, infrastructure, source control, security, compliance, continuous integration, testing, delivery, monitoring, and feedback. Additionally, a candidate must be familiar with both Azure administration and development and must be expert in at least one of these areas.

Certification

Pass certification exam **AZ-400** to earn this certification

Microsoft Certified:
DevOps Engineer Expert

DevOps Engineers work with people, processes, and technologies to continuously deliver business value.

Products featured

• Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:

DevOps Engineer Expert

Get started at
AzureCerts_DevOpsEngineer

Start here
Decide if this is the right
certification for you

**Earn one prerequisite
certification**

Upskill with recommended
training and experience

**Pass required exam to
earn your certification**

**This certification is a good fit if your
responsibilities include:**

• Designing and implementing strategies for
collaboration, code, infrastructure, source
control, security, compliance, continuous
integration, testing, delivery, monitoring,
and feedback.

**Azure Administrator
Associate**

OR

**Azure Developer
Associate**

**Skills outline
guide**

• AZ-400

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-400T00-A:
Designing and
Implementing Microsoft
DevOps solutions

Exam AZ-400
Designing and
Implementing
Microsoft
DevOps solutions

Microsoft Certified:
DevOps Engineer Expert

DevOps Engineers work
with people, processes, and
technologies to
continuously deliver
business value.

Microsoft Azure

Watch the Azure certifications overview video

Who is this certification for?

Candidates for this certification should have subject matter expertise creating and maintaining the cloud and edge portions of an Azure IoT solution.

Responsibilities for this role include managing the device lifecycle setup, configuration, and maintenance—using cloud services and other tools, implementing designs for Azure IoT solutions, including device topology, connectivity, debugging, and security, implementing solutions to manage, monitor, and transform IoT-related data pipelines, deploying Azure IoT Edge components, and configuring device networking on the edge.

Exam details

AZ-220:
Microsoft Azure IoT Developer

Skills measured:

• Set up the IoT solution infrastructure

• Provision and manage devices

• Implement Edge

• Implement Business Integration

• Process and manage data

• Monitor, troubleshoot, and optimize IoT solutions

• Implement security

Knowledge and experience:

A candidate for this exam should have general understanding of devices types and Azure services, including data storage options, data analysis, data processing, AI, and other platform as a service (PaaS) options. IoT developers must be able to program in at least one Azure IoT SDK–supported language.

Certification

Pass certification exam
AZ-220 to earn this certification

Microsoft
CERTIFIED

SPECIALTY

Microsoft Certified:
Azure IoT Developer Specialty

Azure IoT Developers create and maintain the cloud and edge portions of an IoT solution.

Products featured

• Microsoft Azure

Microsoft Azure

The journey to Microsoft Certified:
Azure IoT Developer Specialty

Get started at
AzureCerts_IoTDev

Start here
Decide if this is the right certification for you

Explore this resource next

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Managing the device lifecycle—setup, configuration, and maintenance—using cloud services and other tools.

- Implementing designs for Azure IoT solutions, including device topology, connectivity, debugging, and security, as well as solutions to manage, monitor, and transform IoT-related data pipelines.

- Deploying Azure IoT Edge components and configuring device networking on the edge.

Skills outline guide

- AZ-220

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AZ-220T00:
Microsoft Azure
IoT Developer

Exam AZ-220
Microsoft Azure
IoT Developer

Microsoft Certified:
Azure IoT Developer Specialty

Azure IoT Developers create and maintain the cloud and edge portions of an IoT solution.

Brand new? First, master the basics.

New to the cloud or Azure? Choose Azure Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:

Azure Database Administrator Associate

Who is this certification for?

Candidates for this certification should be data management specialists with subject matter expertise implementing and managing cloud and on-premises relational databases built on top of Microsoft SQL Server and Azure data services.

Responsibilities for this role include database management, availability, and security, plus performance monitoring and optimization of modern relational database solutions.

Exam details

DP-300:
Administering Relational Databases on Microsoft Azure (beta)

Skills measured:

• Plan and implement data platform resources

• Implement a secure environment

• Monitor and optimize operational resources

• Optimize query performance

• Perform automation of tasks

• Plan and implement a high availability disaster recovery (HADR) environment

• Perform administration by using T-SQL

Knowledge and experience:

A candidate for this exam should have experience using a variety of methods and tools to perform day-to-day operations, including applying knowledge of using T-SQL.

Certification

Pass certification exam
DP-300 to earn this certification

Microsoft Certified:
Azure Database Administrator Associate

Azure Database Administrators implement and manage cloud and on-premises relational databases built on top of Microsoft SQL Server and Azure data services.

Products featured

• Microsoft Azure

• Microsoft SQL Server

Microsoft Azure

The journey to Microsoft Certified:
Azure Database Administrator Associate

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

Continue to grow

This certification is a good fit if your responsibilities include:

• Database management, availability, and security.

• Performance monitoring and optimization of modern relational database solutions.

OR

If you already have or are working toward any of these certifications:

• MCSA: SQL Server 2012/2014

• MCSA: SQL 2016 Database Development

• MCSA: SQL 2016 Database Administration

Skills outline guide

• DP-300

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DP-300T00
Administering Relational Databases on Microsoft Azure

Exam DP-300
Administering Relational Databases on Microsoft Azure

Microsoft Certified:
Azure Database Administrator Associate

Azure Database Administrators implement and manage cloud and on-premises relational databases built on top of Microsoft SQL Server and Azure data services.

Instructor-led training

• Course DP-050T00: Migrate SQL workloads to Azure

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to data solutions on Azure?
Choose Azure Data Fundamentals training

Microsoft Azure

Overview of Microsoft Certified:

Azure Data Engineer Associate

Get started at
AzureCerts_DataEngineer

Who is this certification for?

Candidates for this certification have subject matter expertise integrating, transforming, and consolidating data from various structured and unstructured data systems into structures that are suitable for building analytics solutions.

Responsibilities for this role include helping stakeholders understand the data through exploration, building, and maintaining secure and compliant data processing pipelines by using different tools and techniques. These professionals use various Azure data services and languages to store and produce cleansed and enhanced datasets for analysis.

Exam details

DP-203:
Data Engineering on Microsoft Azure

Skills measured:

- Design and implement data storage
- Design and develop data processing
- Design and implement data security
- Monitor and optimize data storage and data processing

Knowledge and experience:

Candidates for this exam must have solid knowledge of data processing languages, such as SQL, Python, or Scala, and they need to understand parallel processing and data architecture patterns.

Certification

Pass certification exam **DP-203** to earn this certification

Microsoft Certified:
Azure Data Engineer Associate

Azure Data Engineers integrate, transform, and consolidate data from various structured and unstructured data systems into structures that are suitable for building analytics solutions.

Products featured

- Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Data Engineer Associate

Get started at
AzureCerts_DataEngineer

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exams to earn your certification

Continue to grow

This certification is a good fit if your responsibilities include:

- Building and maintaining secure and compliant data processing pipelines by using different tools and techniques.
- Using various Azure data services and languages to store and produce cleansed and enhanced datasets for analysis.

OR

If you already have or were working toward this certification:

- MCSA: Data Engineering with Azure

Skills outline guides

- DP-203

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DP-203T00:
Data Engineering on
Microsoft Azure

Exam DP-203 Data Engineering on Microsoft Azure

Microsoft Certified:
Azure Data Engineer Associate

Azure Data Engineers integrate, transform, and consolidate data from various structured and unstructured data systems into structures that are suitable for building analytics solutions.

Instructor-led training

- Course DP-050T00: Migrate SQL workloads to Azure
- Course DP-060T00: Migrate NoSQL workloads to Azure Cosmos DB
- Course DP-070T00: Migrate Open Source Data Workloads to Azure

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to data solutions on Azure?Choose Azure Data Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Exam details

Certification

Who is this certification for?

Candidates for this certification should have subject matter expertise helping businesses to maximize the value of their data assets using Microsoft Power BI.

Responsibilities for this role include designing and building scalable data models, cleaning and transforming data, and enabling advanced analytics capabilities that provide meaningful business value through easy-to-understand data visualizations.

DA-100:
Analyzing Data with Microsoft Power BI

Skills measured:

• Prepare the data

• Model the data

• Visualize the data

• Analyze the data

• Deploy and maintain deliverables

Knowledge and experience:

A candidate for this exam should have a fundamental understanding of data repositories and data processing in the cloud and in on-premises settings. In addition, the role should have knowledge and experience with Power BI.

Pass certification exam **DA-100** to earn this certification

Microsoft Certified:
Data Analyst Associate

Data Analysts help businesses to maximize the value of their data assets using Microsoft Power BI.

Products featured

• Microsoft Power BI

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Data Analyst Associate

Get started at
AzureCerts_DataAnalyst

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Designing and building scalable data models.
- Cleaning and transforming data.
- Enabling advanced analytics capabilities that provide meaningful business value through easy-to-understand data visualizations.

OR

If you already have or are working toward any of these certifications:

- MCSA: BI Reporting
- MCSA: SQL 2016 BI Development

Skills outline guides

- DA-100

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DA-100T00: Analyzing Data with Microsoft Power BI

Exam DA-100
Analyzing Data with Microsoft Power BI

Microsoft Certified:
Data Analyst Associate

Data Analysts help businesses to maximize the value of their data assets using Microsoft Power BI.

First, make sure your skills are up to date.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to data solutions on Azure?
Choose Azure Data Fundamentals training.

Need to update your skills on Microsoft Power Platform?
Choose Power Platform Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:

Azure Cosmos DB Developer Specialty

Get started at
AzureCerts_CosmosDBDeveloper

Who is this certification for?

Candidates for this certification should have subject matter expertise in designing, implementing, and monitoring cloud-native applications that store and manage data.

Responsibilities include designing and implementing data models and data distribution, loading data into an Azure Cosmos DB database, and optimizing and maintaining the solution. These professionals integrate the solution with other Azure services. They also design, implement, and monitor solutions that consider security, availability, resilience, and performance requirements.

Exam details

Exam DP-420:
Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB

Skills measured:

• 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

Knowledge and experience:

A candidate for this exam must have solid knowledge and experience developing apps for Azure and working with Azure Cosmos DB database technologies. They should be proficient at developing applications by using the Core (SQL) API and SDKs, writing efficient queries and creating appropriate index policies, provisioning and managing resources in Azure, and creating server-side objects with JavaScript. They should be able to interpret JSON, read C# or Java code, and use PowerShell.

Certification

Pass certification exam **DP-420** to earn this certification

Microsoft Certified:
Azure Cosmos DB Developer Specialty

Azure Cosmos DB Developers design, implement, and monitor cloud-native applications that store and manage data.

Products featured

• Microsoft Azure

Microsoft Azure

Watch the Azure certifications overview video

The journey to Microsoft Certified:
Azure Cosmos DB Developer Specialty

Get started at
AzureCerts_CosmosDBDeveloper

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Designing and implementing data models and data distribution.
- Loading data into an Azure Cosmos DB database.
- Optimizing and maintaining the solution.
- Integrating the solution with other Azure services.
- Designing, implementing, and monitoring solutions that consider security, availability, resilience, and performance requirements.

First, make sure your skills are up to date.

Need to update your skills in Azure administration?
Azure Administrator training on Microsoft Learn.

Skills outline guide

- DP-420

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DP-4200T00:
Designing and
Implementing Cloud-Native
Applications Using
Microsoft Azure Cosmos DB

Exam DP-420
Designing and Implementing
Cloud-Native Applications
Using Microsoft Azure
Cosmos DB (beta)

Microsoft Certified:
Azure Cosmos DB Developer Specialty

Azure Cosmos DB Developers design, implement, and monitor cloud-native applications that store and manage data.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:

Azure AI Engineer Associate

Who is this certification for?

Candidates for this certification should have subject matter expertise building, managing, and deploying AI solutions that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework.

Responsibilities for this role include participating in all phases of AI solutions development—from requirements definition and design, to development, deployment, maintenance, performance tuning, and monitoring.

Exam details

AI-102:
Designing and Implementing a Microsoft Azure AI Solution

Skills measured:

• 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

Knowledge and experience:

A candidate for this exam should be proficient in C#, Python, or JavaScript and should be able to use REST-based APIs and SDKs to build computer vision, natural language processing, knowledge mining, and conversational AI solutions on Azure. In addition, a candidate should understand the components that make up the Azure AI portfolio and the available data storage options. A candidate also needs to understand and be able to apply responsible AI principles.

Certification

Pass certification exam **AI-102** to earn this certification

Microsoft Certified:
Azure AI Engineer Associate

Azure AI Engineers build, manage, and deploy AI solutions that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework.

Products featured

• Microsoft Azure

Microsoft Azure

The journey to Microsoft Certified:
Azure AI Engineer Associate

Get started at
AzureCerts_AIEngineer

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

• Participating in all phases of AI solutions development—from requirements definition and design to development, deployment, maintenance, performance tuning, and monitoring.

Skills outline guide

• AI-102

Self-paced online learning
Microsoft Learn

Instructor-led training
Course AI-102T00:
Designing and Implementing a Microsoft Azure AI Solution (4 days)

Exam AI-102
Designing and Implementing a Microsoft Azure AI Solution

Microsoft Certified:
Azure AI Engineer Associate

Azure AI Engineers build, manage, and deploy AI solutions that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework.

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to AI on Azure?
Choose Azure AI Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Overview of Microsoft Certified:
Azure Data Scientist Associate

Exam details

Certification

Who is this certification for?

Candidates for this certification should have subject matter expertise implementing and running machine learning workloads on Microsoft Azure.

Responsibilities for this role include planning and creating a suitable working environment for data science workloads on Azure, running data experiments and training predictive models, and managing, optimizing, and deploying machine learning models into production.

DP-100:
Designing and Implementing a Data Science Solution on Azure

Skills measured:

- Set up an Azure Machine Learning workspace
- Run experiments and train models
- Optimize and manage models
- Deploy and consume models

Knowledge and experience:

A candidate for this exam should have knowledge and experience in data science and using Azure Machine Learning.

Pass certification exam **DP-100** to earn this certification

Microsoft Certified:
Azure Data Scientist Associate

Azure Data Scientists implement and run machine learning workloads on Microsoft Azure Machine Learning.

Products featured

- Microsoft Azure

Microsoft Azure

The journey to Microsoft Certified:
Azure Data Scientist Associate

Get started at
AzureCerts_DataScientist

Start here
Decide if this is the right certification for you

Upskill with recommended training and experience

Pass required exam to earn your certification

This certification is a good fit if your responsibilities include:

- Planning and creating a suitable working environment for data science workloads on Azure.

- Running data experiments and training predictive models.

- Managing, optimizing, and deploying machine learning models into production.

Skills outline guide

- DP-100

Self-paced online learning
Microsoft Learn

Instructor-led training
Course DP-100T01:
Designing and Implementing a Data

Exam DP-100
Designing and Implementing a Data Science Solution on Azure

Microsoft Certified:
Azure Data Scientist Associate

Azure Data Scientists implement and run machine learning workloads on Microsoft Azure Machine Learning.

Brand new? First, master the basics.

New to the cloud or Azure?
Choose Azure Fundamentals training.

New to Artificial Intelligence (AI) or AI on Azure?
Choose Azure AI Fundamentals training.

Microsoft Azure

Watch the Azure certifications overview video

Resources

Microsoft Vendor page
Microsoft.com/NetCom

Microsoft ebook
NetCom/Download ebook

Certification Poster
NetCom/TrainCertPoster

Microsoft Skilling
NetCom/Skilling Progarm

Microsoft CIE
NetCom/CIE Program

NetCom+
NetCom/Subscription

Learning Passport
NetCom/Learning Passport

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