



# Microsoft Learn Spark possibility



AZ-104

# Microsoft Azure Administrator



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Physik

NT 4.0

2011 Windows Azure  
2013 Azure

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

ARM

Bicep

AI

[github.com/www42/az-104](https://github.com/www42/az-104)



# About this course

AZ-104

\*

AZ-900

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AZ-104

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AZ-305

## Prerequisites

- Successful Azure Administrators start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking

## Azure Administrator Role

- Cloud Administrators manage the cloud services that span storage, networking and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle
- They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, capacity, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors
- Cloud Administrators use the Azure Portal and as they become more proficient, they use PowerShell and the Command Line Interface

# AZ-104 Course Outline

- 01: Administer Identity *Entra ID*
- 02: Administer Governance and Compliance *Azure Policies, Roles*
- 03: Administer Azure Resources *Tool CLI az vm list*
- 04: Administer Virtual Networking *VNet*
- 05: Administer Intersite Connectivity *Peering VPN*
- 06: Administer Network Traffic Management *Load Balancer*
- 07: Administer Azure Storage *Blob Files Storage Account*
- 08: Administer Azure Virtual Machines *VM*
- 09: Administer PaaS Compute Options *Docker ACI Kubernetes*
- 10: Administer Data Protection *Backup*
- 11: Administer Monitoring *KQL Kusto LA*

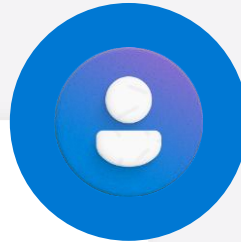
# Let's get to know each other

- Your name
- Company affiliation
- Title/function
- Your experience
- Your expectations for the course



# Let's have a great time together

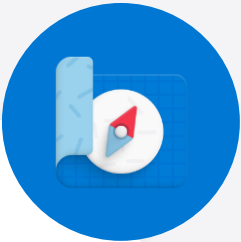
## We all contribute to a great class



- Be on time (class hours)
- Be present (avoid mail, calls, side meetings)

8<sup>30</sup> - 16<sup>00</sup>

## What you should know about our facilities



- Internet access
- Parking
- Restrooms
- Emergency

• Labs Go Deploy  
x10  
180 Tage



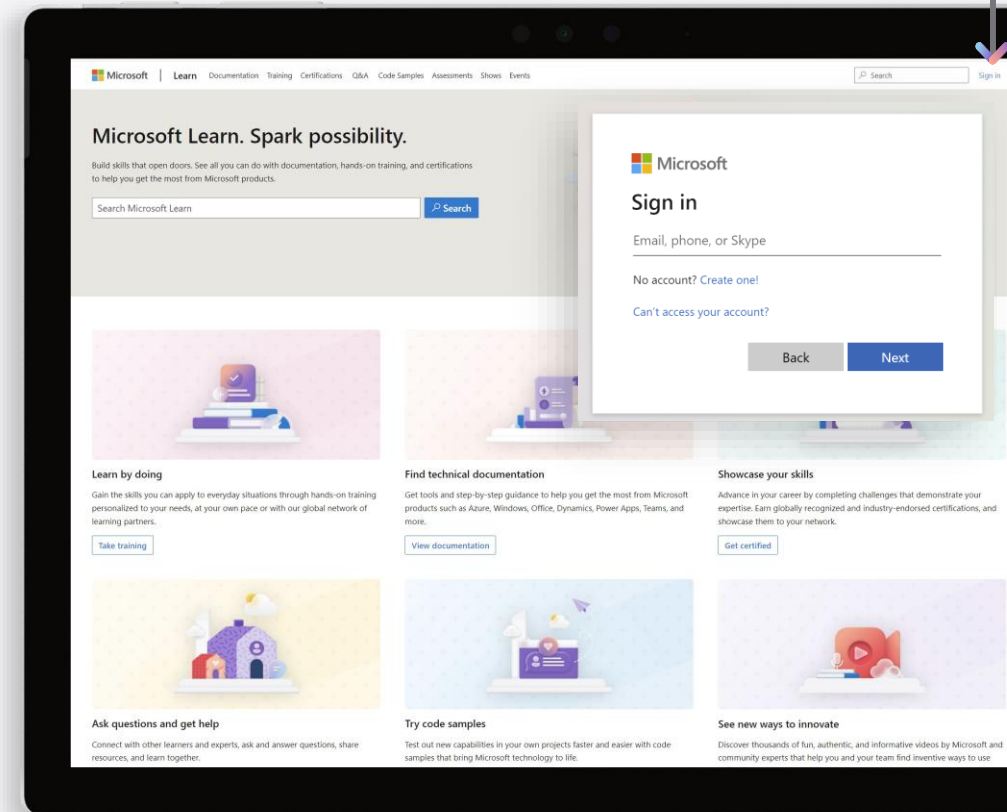
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# Access your course materials

All course content is available on Microsoft Learn



AZ-104: Manage identities and governance in Azure



AZ-104: Implement and manage storage in Azure



AZ-104: Deploy and manage Azure compute resources



AZ-104: Configure and manage virtual networks for Azure administrators



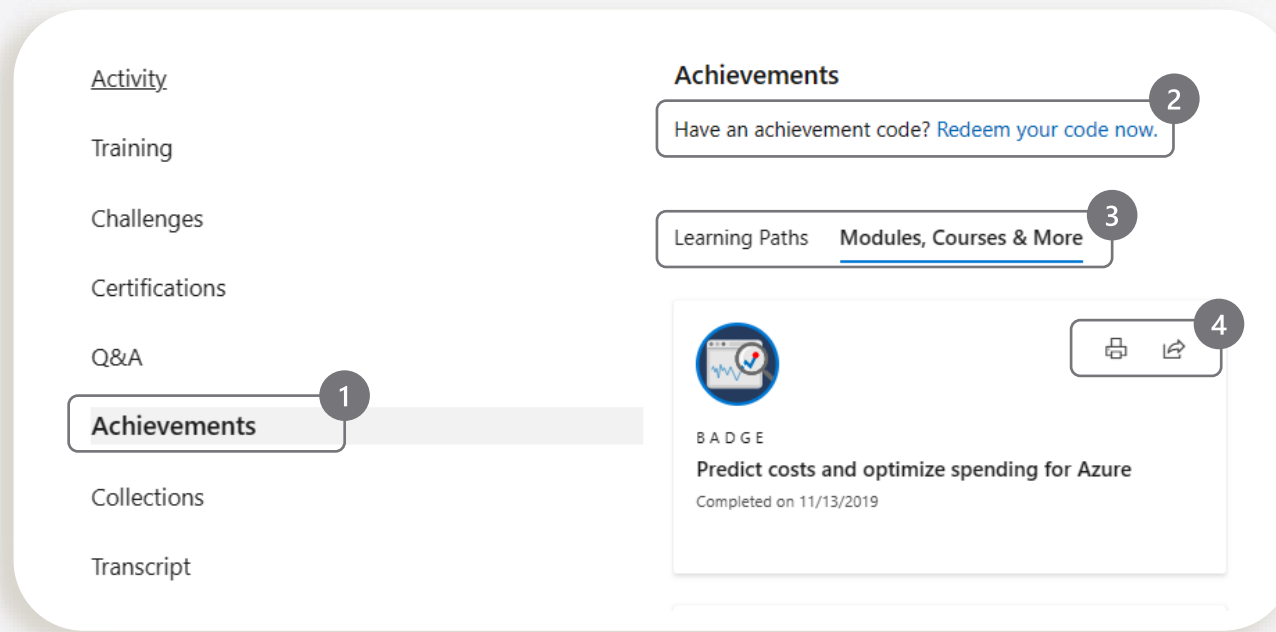
AZ-104: Monitor and back up Azure resources

- We'll go through this content together and as the course progresses, I will advise you on which modules to review.
- You can provide feedback for modules on Microsoft Learn. Use the link at the bottom of the page.
- Detailed lab instructions are included in your lab environment.

# Celebrate your accomplishments and feel empowered

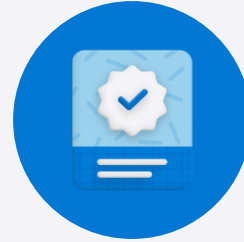
Get your achievement recognized and earn your badge for completing this course

[aka.ms/MyMicrosoftLearnProfile](https://aka.ms/MyMicrosoftLearnProfile)



1. Go to **Achievements** on your Microsoft Learn profile
2. Redeem the code provided by your trainer
3. Find your new badge **on Modules, Courses & More**
4. Share your new achievement with your professional network. You can also download and print your certificate.

# Become Microsoft Certified



92%

of certified IT professionals feel more confident  
in their abilities after earning certifications<sup>1</sup>

Get recognized by earning industry validation for technical knowledge. Ensure you stay current with the necessary skills and expertise for continued success.

Start at [learn.microsoft.com/certifications](https://learn.microsoft.com/certifications)

Microsoft role-based and specialty certifications require annual renewal.<sup>2</sup>

Learn about certification renewal at  
[aka.ms/RenewYourCert](https://aka.ms/RenewYourCert)

<sup>1</sup> "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 <sup>2</sup> Microsoft fundamentals certifications don't expire

# Get ready for your Microsoft Certification exam

Exam AZ-104: Microsoft Azure Administrator

## Understand the skills measured by the exam

| Study area                                | Percentage |
|-------------------------------------------|------------|
| Manage Azure identities and governance    | 20 - 25%   |
| Implement and manage storage              | 15 – 20%   |
| Deploy and manage Azure compute resources | 20 – 25%   |
| Configure and manage virtual networking   | 15 - 20%   |
| Monitor and backup resources              | 10 – 15%   |

## Build confidence in your skills

Find in the exam page resources to help prepare

- Watch exam prep videos
- Review the exam study guide
- Demo the exam experience with the exam sandbox
- Take a practice assessment



# https://lms.godeploy.it/

Labs

## AZ-104T00 (CS) - Microsoft Azure Administrator (Cloud Share) 2024

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

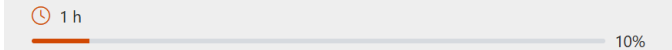
### Your progress



|                       |                |
|-----------------------|----------------|
| Total number of Labs: | 19             |
| Completed Labs:       | 10             |
| Remaining Labs:       | 9              |
| Total available time: | 22 hrs 15 mins |

### Your current Lab

#### 4. Manage Governance via Azure Policy



In this lab, you learn how to implement your organization's governance plans. You learn how Azure policies can ensure operational decisions are enforced across the organization. You learn how to use resource tagging to improve reporting.

[LAUNCH LAB](#)[VIEW NOTE](#)[MICROSOFT LEARN CONTENT](#)

### Labs

#### 1. Azure Tips, Tricks, and Tools (Optional)



#### 2. Manage Microsoft Entra ID Identities



#### 3. Manage Subscriptions and RBAC Entra



### Sign in

Email


e.g. john.smith@example.com

Password

Sign in

Forgotten your password?

No account? [Register now.](#)

 Sign in with Microsoft

go deploy  
Online Labs

godeploy.it

JXC THG

End of presentation

