



Microsoft Learn
Spark possibility



AZ-104

Microsoft Azure Administrator



Thomas Jäkel

Physik

NT 4.0

2011 Windows Azure
2013 Azure

ARM

Bicep

AI

github.com/www42/az-104



About this course

AZ - 104 * ** *
AZ-900 AZ-104 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 *Extra ID*
- 02: Administer Governance and Compliance *Azure Policies, Roles*
- 03: Administer Azure Resources *Tool CLI az vm*
- 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)

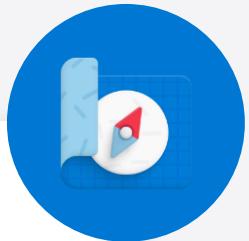
8³⁰ - 16⁰⁰



What you should know about our facilities

- Internet access
- Parking
- Restrooms
- Emergency

Labs Go Deploy
x10
180 Tags



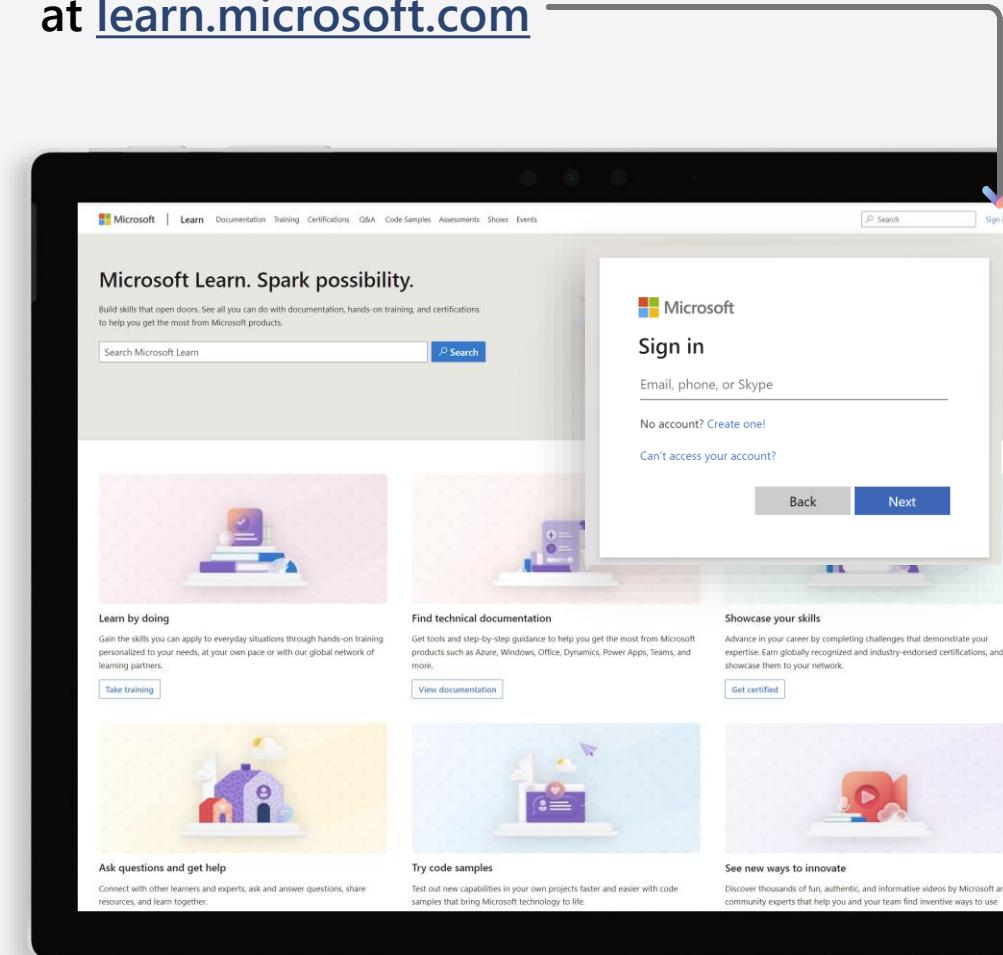
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Access your course materials

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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



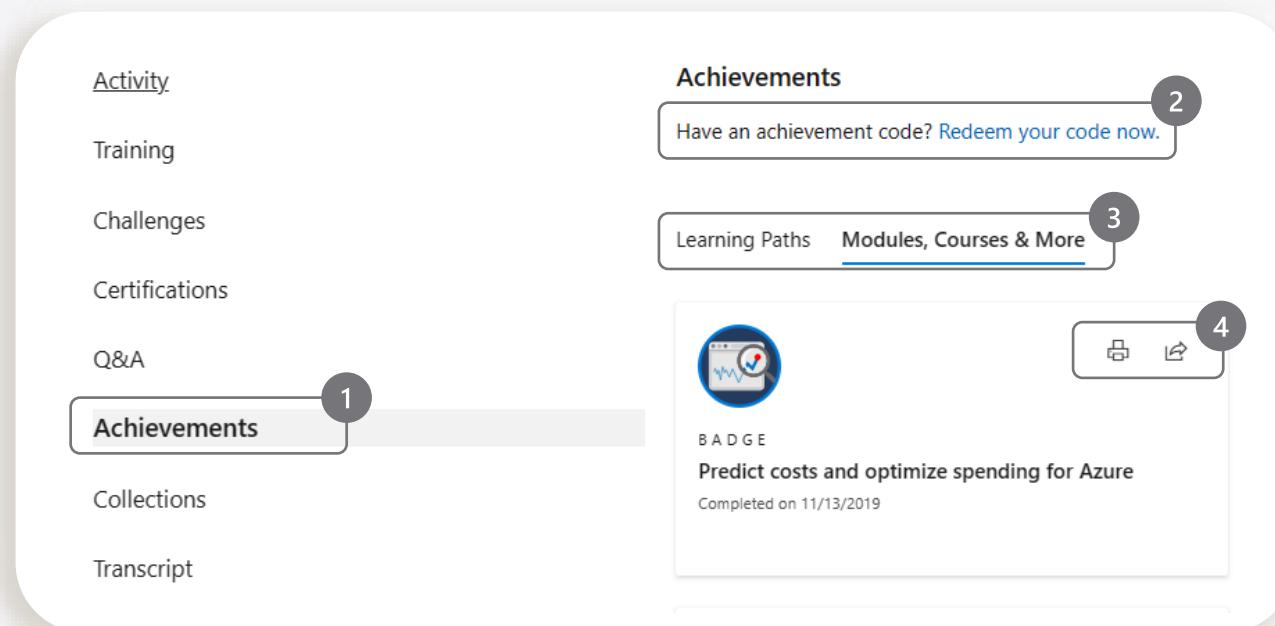
AZ-104: Monitor and back up Azure resources

- 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



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92%

of certified IT professionals feel more confident in their abilities after earning certifications¹

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¹ "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023

² Microsoft fundamentals certifications don't expire

Get ready for your Microsoft Certification exam

Exam AZ-104: Microsoft Azure Administrator

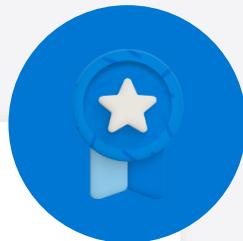
Understand the skills measured by the exam

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

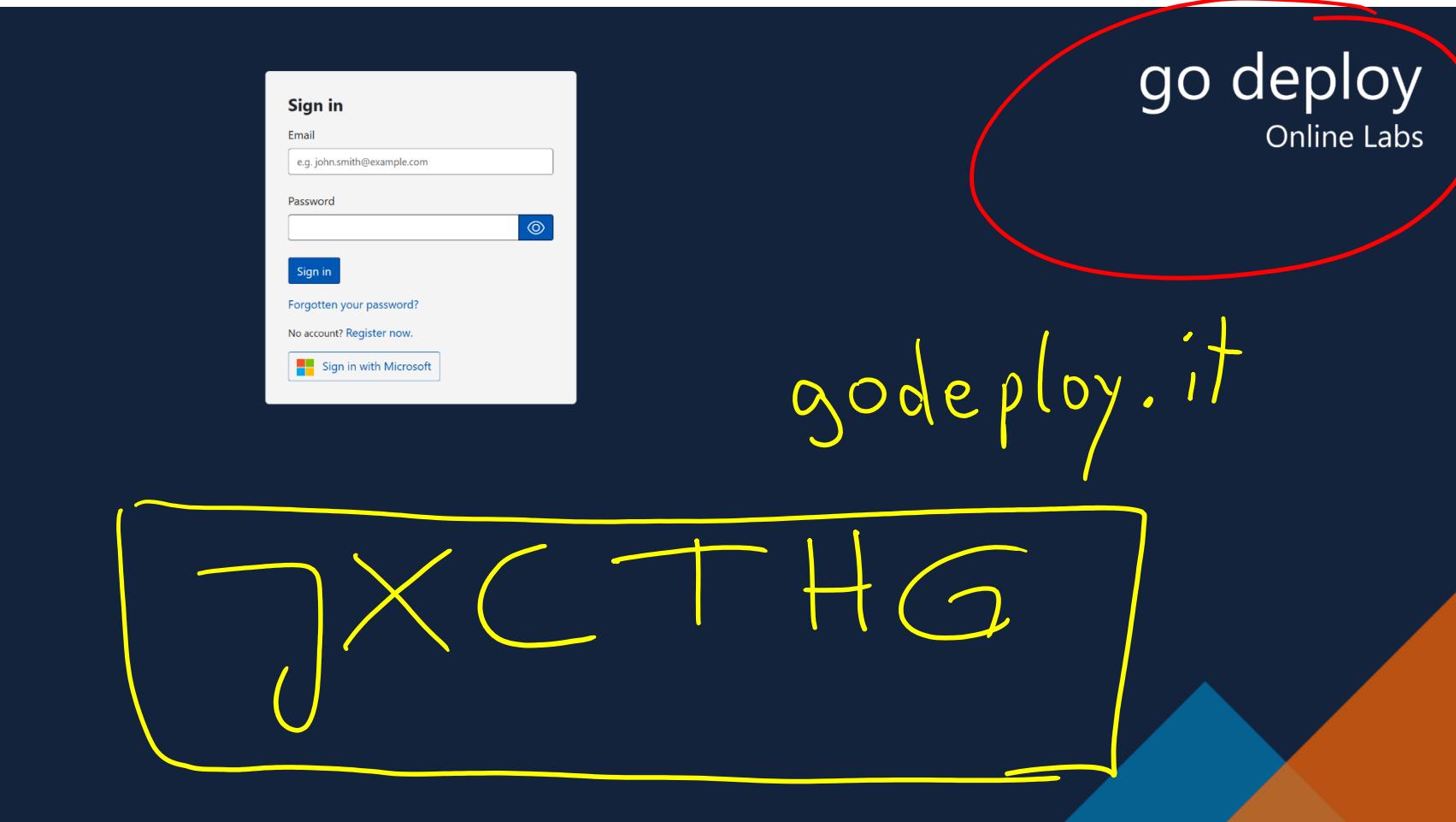
Find in the exam page resources to help prepare

- 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.

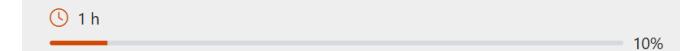
Your progress



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



End of presentation

