



COURSE SYLLABUS

Microsoft Certified: Azure Administrator Associate

Prepare for exam AZ-104 by learning to manage Azure identities, governance, storage, compute, networking, and monitoring in a real Azure subscription.

\$2,395 per person, including the AZ-104 exam voucher

22 course hours (on-demand video and labs) plus 2 hours of coaching

On-demand asynchronous training with online support, plus 2 hours of coaching.

Microsoft Certified: Azure Administrator Associate

Prepare for exam AZ-104 by learning to manage Azure identities, governance, storage, compute, networking, and monitoring in a real Azure subscription.

Credential type	Certificate, issued by We Can Code IT
Clock hours	24 (22 course hours plus 2 hours of coaching)
Price	\$2,395 per person, including the AZ-104 exam voucher
Time	22 course hours (on-demand video and labs) plus 2 hours of coaching
Delivery	On-demand asynchronous training with online support, plus 2 hours of coaching.
Exam	Exam AZ-104: Microsoft Azure Administrator (Microsoft Certified: Azure Administrator Associate) (AZ-104). This course prepares you for exam AZ-104, and one exam attempt voucher is included. The course hours cover every exam domain, but most learners need additional self-study and hands-on lab time in an Azure subscription beyond the course hours, plus the free Microsoft practice assessment, before sitting the exam. Passing is not guaranteed. The certification renews each year through a free online assessment on Microsoft Learn.
Who it is for	This course is for IT administrators, systems administrators, and cloud support staff who implement, manage, and monitor an organization's Azure environment as part of a cloud infrastructure team.
Prerequisites	Working familiarity with operating systems, networking, servers, and virtualization; Some experience with PowerShell or a command line; Basic awareness of Microsoft Entra ID is helpful but not required
Requirements	A modern web browser for the Azure portal; An Azure subscription for hands-on labs; Azure usage is paid and billed to the subscription, beyond any free credit Microsoft offers new accounts, so delete lab resources when you finish; Azure CLI or Azure PowerShell for command-line labs

About this course

This course walks you through the five skill areas Microsoft measures on exam AZ-104: identity and governance, storage, compute, virtual networking, and monitoring. Each module pairs guided lessons with a hands-on lab in the Azure portal, Azure CLI, or PowerShell so you practice the tasks an Azure administrator does every week. The course follows the AZ-104 skills outline Microsoft published as of April 17, 2026.

What you will be able to do

- You will be able to create and manage Microsoft Entra users and groups and assign Azure role-based access control at the right scope.
- You will be able to apply Azure Policy, resource locks, tags, and budgets to govern subscriptions and control cost.
- You will be able to configure storage accounts, Blob storage, and Azure Files with appropriate redundancy and access controls.
- You will be able to deploy virtual machines, containers, and App Service apps using the portal and ARM templates or Bicep files.
- You will be able to build virtual networks with peering, network security groups, DNS, and load balancing.
- You will be able to set up Azure Monitor alerts, backups, and recovery for Azure resources.

Syllabus

Module	Hours
1. Azure foundations, identity, and access Azure portal, CLI, and PowerShell, Microsoft Entra users and groups, Licences and external users, Azure role-based access control, Role assignment scopes. Lab: You create users and groups in Microsoft Entra ID and grant them least-privilege role assignments on a resource group.	4 h
2. Governance, policy, and cost control Management groups and subscriptions, Azure Policy, Resource locks, Tags, Budgets and cost alerts. Lab: You assign an Azure Policy that enforces tagging, lock a resource group, and set a budget alert on your subscription.	3 h
3. Storage accounts, Blob, and Azure Files Storage account types and redundancy, Blob containers and access tiers, Shared access signatures and keys, Azure Files shares, Lifecycle management. Lab: You create a storage account, upload blobs with a lifecycle rule, and mount an Azure Files share secured with a shared access signature.	3.5 h
4. Compute: VMs, ARM and Bicep, containers, App Service Virtual machines and availability, ARM templates and Bicep files, Azure Container Instances and Container Apps, App Service plans and apps, Scaling and deployment slots. Lab: You deploy a virtual machine from a Bicep file, run a container, and publish a web app to App Service with a staging slot.	4.5 h

5. Virtual networking, secure access, DNS, and load balancing

4 h

Virtual networks and subnets, Virtual network peering, Network security groups, Azure DNS, Azure Load Balancer.

Lab: You build two peered virtual networks, restrict traffic with network security groups, and place VMs behind a load balancer.

6. Monitoring, backup, recovery, and exam readiness

3 h

Azure Monitor metrics and logs, Alerts and action groups, Azure Backup, Site recovery basics, AZ-104 practice assessment review.

Lab: You configure an alert and a VM backup, run a restore, and complete the free Microsoft practice assessment.

Coaching sessions

2 h

2 hours of coaching. One-on-one or small-group coaching, scheduled with your coach.

Live online or in-person sessions are available for an additional fee. Email admissions@wecancodeit.org for details.

Provider

We Can Code IT, LLC, 26300 Cedar Rd, Suite 1105, Beachwood, OH 44122. Registered with the Ohio State Board of Career Colleges and Schools, Registration No. 15-03-2064T. Contact: admissions@wecancodeit.org. Syllabus version 2026-10-10.