

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Exam delivery in the classroom, with a **98% success rate**
- Course-specific thinQtank® Learning publications to keep the learning engaging
- Extended hours of training, including immersive hands-on exercises
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by certified instructors

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as an **instructor-led training camp**, with the exam sat in the classroom as part of the camp. Camps are scheduled by cohort rather than to a fixed calendar, and the balance of lecture and lab work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- **None.** Microsoft sets no formal prerequisites for AZ-900
- A basic understanding of general IT concepts helps, but is not assumed
- **No scripting or command-line skill is needed.** This course does not require you to write anything

EXAM

AZ-900 — awards Microsoft Certified: Azure Fundamentals

THIS ONE DOES NOT EXPIRE. Microsoft states plainly that fundamentals certifications do not expire. Every other Microsoft certification we run — AZ-104, AZ-700, AZ-305 — is role-based and lapses after twelve months unless renewed. This is the exception, and it is worth knowing before you compare them.

Forty-five minutes, the shortest exam we run. Passing score **700 on a scale of 1 to 1,000**. **No prerequisites and no scripting.** Microsoft does not publish a question count, so we do not quote one.

Skills measured, as Microsoft weights them — in ranges, not fixed percentages.

Azure architecture and services **35-40%**

Azure management and governance **30-35%**

Cloud concepts **25-30%**

Last revised 20 July 2026, and this course is built on that revision.

COURSE OVERVIEW

thinQtank® Learning offers an industry-unique training camp in which students earn the **Microsoft Certified: Azure Fundamentals** certification. As with all our Microsoft training experiences, the exam is delivered in the classroom.

AZ-900 is the map. What cloud computing actually is and what the shared responsibility model means in practice; then Azure itself — regions, subscriptions, compute, networking, storage and identity; and finally the management side: cost, governance, deployment tooling and monitoring. Enough to hold a real conversation about Azure and know what you are buying.

No prerequisites, no scripting, and the certification never expires. The **voucher is available** at \$99 USD.

COURSE OBJECTIVES

Primary course objectives:

- Define cloud computing, and describe the shared responsibility model
- Compare public, private and hybrid cloud, and pick the right one for a case
- Describe the consumption-based model, and compare cloud pricing models
- Explain the benefits of cloud: availability, scalability, reliability and security
- Distinguish infrastructure, platform and software as a service, with real use cases
- Describe Azure regions, availability zones, resources, subscriptions and management groups
- Describe Azure compute: virtual machines, containers, functions and Virtual Desktop
- Describe Azure networking: virtual networks, VPN, ExpressRoute and endpoints
- Compare Azure storage services, tiers, redundancy and migration options
- Describe Microsoft Entra ID, authentication methods and conditional access
- Describe Zero Trust, defense in depth and Microsoft Defender for Cloud
- Manage cost: the factors that drive it, the pricing calculator, and tagging
- Describe governance and compliance tooling, Azure Policy and resource locks
- Describe the tools for deploying and managing resources, including infrastructure as code
- Describe Azure monitoring: Advisor, Service Health, Monitor and Application Insights

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

TARGET AUDIENCE

- Anyone starting with Azure who needs the vocabulary before the buttons
- Sales, procurement, finance and project staff who have to talk about cloud credibly
- IT staff whose organization is moving to Azure and who want the map first
- Students and career changers taking a first, low-cost step into cloud
- Anyone heading for AZ-104 who wants the ground underneath it

EXCLUSIVE LEARNING PACKAGE

- Guided hands-on time in a live Azure portal
- Cost calculator and pricing exercises against real scenarios
- AZ-900 video course
- AZ-900 reading plan and review guide
- AZ-900 certification practice exam

WHAT YOU WILL BE ABLE TO DO

- Explain what cloud computing is, and what your provider is and is not responsible for
- Name the right Azure service for a described need, and say why
- Read an Azure bill and explain what is driving it
- Hold your own in a planning meeting about an Azure migration

COURSE MODULES**01 Describe Cloud Concepts — 25-30%**

- Topic A: What cloud computing is, and the shared responsibility model
- Topic B: Public, private and hybrid cloud, and when each fits
- Topic C: The consumption-based model, and comparing pricing models
- Topic D: Benefits — availability, scalability, reliability, security, manageability
- Topic E: Service types: infrastructure, platform and software as a service

02 Describe Azure Architecture and Services — 35-40%

- Topic A: Regions, availability zones, data centers and the resource hierarchy
- Topic B: Compute: virtual machines, containers, functions and Azure Virtual Desktop
- Topic C: Networking: virtual networks, VPN, ExpressRoute and private endpoints
- Topic D: Storage: services, tiers, redundancy and moving data in
- Topic E: Identity, access and security: Entra ID, conditional access, Zero Trust

03 Describe Azure Management and Governance — 30-35%

- Topic A: Cost factors, the pricing calculator and cost management
- Topic B: Tags, and using them to make a bill legible
- Topic C: Governance and compliance: Microsoft Purview, Azure Policy, resource locks
- Topic D: Deploying and managing: the portal, Cloud Shell, CLI, Arc and templates
- Topic E: Monitoring: Advisor, Service Health, Azure Monitor and Application Insights

WHERE THIS LEADS

- **AZ-104** — Azure Administrator Associate, the natural next step and the credential most Azure job postings ask for by name
- **AZ-305** if you already design systems and want the architect track
- **AZ-700** or **AZ-500** for the networking and security specialisms
- **Nothing to renew here.** This certification does not expire — but every role-based one that follows it does, after twelve months
- **Ask us about the path.** We will map the next two certifications to the role you are aiming at, not to a catalog

TERMS

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