

MICROSOFT

SC-100T00: Microsoft Cybersecurity Architect Preparation Training

Delivered from Hacky Security's own curriculum, by instructors who also work our security operations centre. Classroom, online live, or at your office.

INTERMEDIATE

32 HOURS

4 DAYS

MICROSOFT SECURITY ENGINEER

At a glance

COURSE	SC-100T00: Microsoft Cybersecurity Architect
TRACK	Microsoft
DOMAIN	Cyber Security
LEVEL	Intermediate
DURATION	32 hours (about 4 days)
DELIVERY	Classroom · Online live · On-site at your office
LANGUAGE	English
CLASS SIZE	Small cohorts — everyone gets lab time

WHAT IS INCLUDED

- ✓ Instructor-led delivery by practitioners who also work our SOC
- ✓ Hands-on lab access for the duration of the course
- ✓ Course materials and lab guides
- ✓ Hacky Security certificate of completion
- ✓ Post-course support by email

Who this is for

This is an intermediate course. It suits people already working in or moving into Cyber Security who want structured, hands-on preparation rather than a video library. If you are unsure whether the level fits your team, send us the job titles and we will tell you honestly — including if a different course would serve you better.

Course outline

About this course map

Four skill areas, mapped one-for-one to Microsoft's published skills-measured outline for Exam SC-100, and taught in the same order, so nothing on the exam is left uncovered. SC-100 is current. It has not been retired or renamed, and Microsoft has not announced a replacement or a retirement date for it. One thing around it has changed and matters: the Azure Security Engineer Associate certification behind AZ-500 retired on 31 August 2026, and Microsoft's named successor in the same slot is Microsoft Certified: Cloud and AI Security Engineer Associate. That certification, not the retired AZ-500 one, is now one of the prerequisites that unlocks the Cybersecurity Architect Expert credential.

Microsoft revises its exams continuously and dates every change. The skills measured for SC-100 are published as of 28 July 2026; the change log on the same page documents the April 2026 revision, which left all four skill area names and weightings unchanged and made minor adjustments inside five sub-areas. The direction of travel across those adjustments is AI: secure AI adoption strategy, AI solutions designed against the Microsoft Cloud Security Benchmark, agent identities using Microsoft Entra Agent ID, Azure AI services security, and security for data used in AI workloads are all now explicit objectives. Each skill area below carries its published weighting range, and we give it classroom time in proportion. Microsoft publishes weightings as ranges rather than fixed percentages, and we have reproduced them as ranges rather than tidying them into single numbers.

SC-100 is a design exam. Almost every objective begins with design, evaluate, specify or recommend, and almost none begin with configure. The questions give you a business constraint and several defensible answers, and ask which one you would put your name to. Expect case studies. The teaching is discussion-led for that reason: short framing, then the group has to produce a design and defend it against someone attacking the cost, the operability or the assumptions.

Skill area 01 — Design solutions that align with security best practices and priorities

Frameworks first, because Microsoft grades your designs against its own published reference material. 20–25% of the exam.

- A security strategy that supports business resiliency goals, with threats to business-critical assets identified and put in priority order
- Business continuity and disaster recovery design, including secure backup and restore across hybrid and multicloud estates
- Mitigating ransomware, and where recovery capability and privileged access sit in the priority order
- Evaluating solutions for security updates across a mixed estate
- Designing to the Microsoft Cybersecurity Reference Architectures and the Microsoft Cloud Security Benchmark
- Protecting against insider, external and supply chain attacks, and recognising that they need different controls
- Designing AI solutions that align to the Microsoft Cloud Security Benchmark, and a strategy for secure AI adoption
- Working with the Zero Trust adoption framework rather than treating Zero Trust as a slogan
- Security and governance strategy under the Microsoft Cloud Adoption Framework for Azure and the Azure Well-Architected Framework, including implementing and governing security through Azure landing zones
- Designing a DevSecOps process consistent with Cloud Adoption Framework practice

Skill area 02 — Design security operations, identity, and compliance capabilities

How the organisation sees attacks, who it lets in, and how it proves both to a regulator. 25–30% of the exam.

- Detection and response design spanning extended detection and response and security information and event management
- Centralised logging and auditing, including Microsoft Purview Audit, and monitoring designed for hybrid and multicloud
- Security orchestration and automated response with Microsoft Sentinel and Microsoft Defender XDR
- Designing and evaluating security workflows for incident response, threat hunting and incident management
- Evaluating detection coverage against the MITRE ATT&CK matrices for enterprise, mobile and industrial control systems
- Agent identities with Microsoft Entra Agent ID, and the Conditional Access policy that governs what an agent may do
- Access design for software as a service, platform as a service, infrastructure as a service, hybrid and on-premises and multicloud resources, covering identity, networking and application controls, and Microsoft Entra ID across hybrid and multicloud
- External identities including business-to-business and decentralised identity, and a modern authentication and authorisation strategy using Conditional Access, continuous access evaluation, risk scoring and protected actions, validated against a Zero Trust strategy
- Privileged access: the enterprise access model, Privileged Identity Management, entitlement management, access reviews, hardening and assessing the resilience of Active Directory Domain Services, cloud infrastructure entitlement management, and secure workstations for administration including remote access
- Managing secrets, keys and certificates, and translating regulatory requirements into controls using Microsoft Purview, Azure Policy and Microsoft Defender for Cloud

Skill area 03 — Design security solutions for infrastructure

Posture, endpoints, platform services and the network edge, across estates you only partly own. 25–30% of the exam.

- Evaluating posture with Microsoft Defender for Cloud against the Microsoft Cloud Security Benchmark, and with Microsoft Secure Score
- Integrated posture management across hybrid and multicloud environments, and selecting cloud workload protection
- Bringing non-Azure resources under one set of controls with Azure Arc
- Microsoft Defender External Attack Surface Management, and knowing what you are exposing before someone else finds it
- Microsoft Security Exposure Management: attack paths, attack surface reduction, security insights and initiatives, and setting priorities for the posture management process
- Security requirements and baselines for servers and client endpoints across multiple platforms and operating systems, and for mobile devices including endpoint protection, hardening and configuration
- IoT devices and embedded systems, and evaluating Microsoft Defender for IoT for operational technology and industrial control systems
- Evaluating Windows Local Administrator Password Solution
- Security baselines and requirements for SaaS, PaaS and IaaS services, IoT and web workloads, containers and container orchestration, and solutions that include Azure AI services security

- Network security and Security Service Edge: evaluating network designs, Microsoft Entra Internet Access as a secure web gateway including cross-tenant configurations, and Microsoft Entra Private Access

Skill area 04 — Design security solutions for applications and data

The layer the business actually cares about, and the one where architecture decisions are hardest to reverse. 20–25% of the exam.

- Evaluating the security posture of productivity and collaboration workloads, including with Microsoft Secure Score
- Evaluating solutions that include Microsoft Defender for Office 365 and Microsoft Defender for Cloud Apps
- Evaluating device management with Microsoft Intune, and securing Microsoft 365 data with Microsoft Purview
- Evaluating data security and compliance controls in Microsoft Copilot for Microsoft 365 services
- Assessing the posture of an existing application portfolio, threat modelling business-critical applications, and designing a full lifecycle application security strategy
- Standards and practices for securing the development process, and mapping technologies to stated application security requirements
- Workload identities for authenticating to Azure resources, API management and security, and Azure Web Application Firewall
- Data discovery and classification, and setting priorities for which threats to data are worth mitigating first
- Encryption at rest and in transit including Azure Key Vault and infrastructure encryption, and security for data used in AI workloads
- Data security in Azure SQL, Azure Synapse Analytics, Azure Cosmos DB and Azure Storage, including Microsoft Defender for Storage and Microsoft Defender for Databases

Who should take this

Security architects, lead security engineers, and senior consultants who are asked to produce a design that the organisation will build to and an auditor will read. It also suits security managers who own the strategy and need to be able to challenge the design rather than sign it unread.

Unlike the other exams in this family, SC-100 is not only recommendations. Microsoft requires you to hold one of three associate certifications before it will award Microsoft Certified: Cybersecurity Architect Expert — Security Operations Analyst Associate (SC-200), Identity and Access Administrator Associate (SC-300), or Cloud and AI Security Engineer Associate, the successor to the retired Azure Security Engineer Associate that AZ-500 led to. You can sit and pass SC-100 without one, but the expert certification is not awarded until a qualifying associate certification is in place.

Beyond the certification requirement, the experience Microsoft describes is recommendation rather than gate, and it is substantial: advanced experience across identity and access, platform protection, security operations, data and AI security, application security and hybrid and multicloud infrastructure, with expert-level depth in at least one of them, and prior experience designing security solutions with Microsoft technologies. This is not a first security certification, and we will say so plainly if your enrolment suggests it is being treated as one.

The exam

Exam SC-100 is set and awarded by Microsoft and delivered through Pearson VUE, at a test centre or online with a proctor.

- Microsoft does not state a duration on the current SC-100 exam page — the time allowance is shown by Pearson VUE at the point you book, and we confirm it with you before your date

- Microsoft does not publish a question count for SC-100, and no range is published — plan by topic coverage rather than by pace
- A score of 700 or greater out of 1000 is required to pass, and the score is scaled rather than a raw percentage
- Proctored, and includes case studies and interactive components alongside standard question types
- Available in English, Chinese (Simplified), Chinese (Traditional), French, German, Italian, Japanese, Korean, Portuguese (Brazil) and Spanish
- The certification runs for twelve months and is renewed through a free online assessment on Microsoft Learn rather than by resitting the exam

The exam is purchased separately from Microsoft. We arrange it on your behalf and send you the booking details, and you choose your own exam date.

How we deliver it

Four days, classroom or online live, or at your office for a private group. The format is discussion-led rather than lab-led, because the exam tests judgement: short framing blocks, then design work against a running case organisation with a hybrid estate, a regulator and a budget, which the group has to defend each afternoon.

Skill area checkpoints each day, and a full-length mock under exam conditions on the final afternoon, including case study items. We spend deliberate time on the case study format, because delegates who have only answered discrete questions lose marks to the reading load rather than to the architecture.

Mapped to Microsoft's SC-100 skills-measured outline as of 28 July 2026. Taught from Hacky Security's own curriculum by instructors who design and defend security architectures for a living. These are our own preparation courses; they are not official Microsoft courseware and we are not a Microsoft Learning Partner.

Sitting the official exam

Exam voucher sold separately. We buy it from the certification body on your behalf and send you the code — you book your own exam date. This course is Hacky Security's own preparation training. The certification itself is awarded by the certification body, not by us.

Investment

FROM

₹66,000

per person

INR	₹66,000 per person
USD	\$789 per person
GBP	£619 per person
AED	AED 2,899 per person

Group, corporate and repeat-cohort pricing on request. Prices are reviewed quarterly and exclude the exam voucher.

Book this course

Tell us how many people, where, and when — we will come back with dates and a quote within one working day.

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