

SC-300: Identity and Access Administrator

Design and run secure identity with Microsoft Entra — from sign-in to governance — and prepare for the SC-300 exam.

DURATION

4 days · 32 hours

LEVEL

Intermediate

CURRICULUM

13 modules · 11 labs

DELIVERYLive online, Onsite,
Corporate

Course overview

Identity is now the main security boundary. Most breaches begin with a compromised account, and most access problems come from unclear ownership of who should have what. Identity and access administrators solve both: they make sign-in secure and convenient, and they make sure access is granted, reviewed and removed in a controlled way. This four-day course builds those skills with Microsoft Entra.

Day one covers user identities: tenant configuration, users and groups, external collaboration with B2B, and hybrid identity with Microsoft Entra Connect and Cloud Sync. Day two focuses on authentication and access — MFA, passwordless methods, Conditional Access design, Identity Protection and Global Secure Access concepts.

Day three addresses workload identities and applications: enterprise apps, single sign-on, app registrations, managed identities and consent governance. Day four covers identity governance — entitlement management, access reviews, lifecycle workflows and Privileged Identity Management — along with monitoring and exam preparation.

Labs build a realistic organisation step by step, so you finish with a tenant whose identity, access and governance you designed and tested yourself.

The course is aligned to the SC-300 exam. Microsoft Entra features evolve quickly and the outline is updated periodically, so check the current skills measured on Microsoft Learn before booking.

Highlights

- 32 hours of live, hands-on sessions
- Hybrid identity, MFA and Conditional Access labs
- Workload identities and app integration
- Entitlement management, access reviews and PIM
- Mapped to the four SC-300 skill areas

What's included

- Hybrid identity with Entra Connect and Cloud Sync
- Conditional Access design with report-only testing
- Passwordless and phishing-resistant authentication
- SSO and app registration labs
- Entitlement management, access reviews and PIM
- Sign-in log analysis and troubleshooting
- 30 days of post-training doubt support

Who this course is for

Who should attend

- Identity and access administrators
- Microsoft 365 and Azure administrators managing users and access
- Security engineers responsible for identity controls
- IT administrators moving into identity roles

Prerequisites

- Experience administering users and groups in Microsoft 365 or Active Directory
- Understanding of authentication concepts
- Security and identity fundamentals (SC-900 level recommended)

Detailed curriculum — 4 days, 32 hours, 13 modules, 11 hands-on labs

Day 1 User Identities and Hybrid Identity

8 hours

1.1 Tenant and user management

- Tenant configuration and custom domains
- Administrative units and roles
- Users, groups and dynamic groups
- Licence management

LAB Configure dynamic groups and administrative units · 45 min

1.2 External identities

- B2B collaboration and cross-tenant access settings
- External ID overview
- Guest user lifecycle

LAB Invite and govern partner users with B2B · 35 min

1.3 Hybrid identity

- Microsoft Entra Connect vs Cloud Sync
- Seamless SSO
- Password hash sync, pass-through and federation
- Sync troubleshooting

LAB Synchronise users with Entra Cloud Sync · 50 min

Day 2 Authentication and Access Management

8 hours

2.1 Authentication methods

- MFA and authentication strengths
- Self-service password reset
- Passkeys, FIDO2 and Windows Hello for Business
- Password protection

LAB Roll out passwordless sign-in with authentication strengths · 45 min

2.2 Conditional Access

- Policy components and design
- Device-based and location-based controls
- Report-only mode and What If
- Session controls

LAB Design and test a Conditional Access policy set · 60 min

2.3 Identity Protection and network access

- User and sign-in risk policies
- Global Secure Access concepts
- Risky user remediation

LAB Configure risk-based policies · 30 min

Day 3 Workload Identities and Applications

8 hours

3.1 Enterprise applications

- Gallery apps and SAML/OIDC single sign-on
- Application Proxy
- User provisioning
- App collections

LAB Configure SSO and provisioning for a SaaS app · 50 min

3.2 App registrations

- App registrations and service principals
- Admin consent workflow
- API permissions and consent
- Credential hygiene

LAB Register an app and govern its permissions · 45 min

3.3 Managed and workload identities

- Managed identities for Azure resources
- Monitoring app sign-ins
- Workload identity federation

LAB Replace a client secret with workload identity federation · 40 min

Day 4 Identity Governance, Monitoring and Exam Readiness

8 hours

4.1 Entitlement management

- Catalogues and access packages
- Connected organisations
- Approval and expiry policies

LAB Build an access package with approval and expiry · 45 min

4.2 Reviews, lifecycle and PIM

- Access reviews
- Privileged Identity Management for roles and groups
- Lifecycle workflows for joiners, movers and leavers

LAB Configure PIM and a quarterly access review · 45 min

4.3 Monitoring

- Sign-in and audit logs
- Identity secure score
- Workbooks and log export

4.4 Exam readiness

- Exam structure and case studies
- Practice questions with review

Skills and tools

Skills you will build

Microsoft Entra ID

Hybrid identity

Entra Cloud Sync

MFA

Passwordless

Conditional Access

Identity Protection

Single sign-on

App registrations

Workload identities

Entitlement management

Access reviews

Privileged Identity Management

Tools used in class

Microsoft Entra admin center

Microsoft Entra Connect

Microsoft Graph PowerShell

Azure portal

Log Analytics

Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	Microsoft Certified: Identity and Access Administrator Associate
Exam code	SC-300
Duration	100 minutes
Passing score	700 / 1000 (scaled)
Format	Multiple choice, Multiple response, Drag and drop, Case study

Delivery	Online proctored, Test centre
Validity	1 year (free online renewal assessment)
Official page	https://learn.microsoft.com/credentials/certifications/exams/sc-300/

Exam skill areas covered
 Implement and manage Microsoft Entra user identities
 Plan and automate identity governance

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Do I need Active Directory experience?

Basic user and group administration is enough. Hybrid identity is taught from the fundamentals.

Do the labs need premium Entra licences?

Yes, features such as PIM and Identity Protection need premium licences, which are included in the lab tenant arranged for the course.

How is SC-300 different from SC-500?

SC-300 focuses on identity and access with Microsoft Entra, while SC-500 covers wider cloud and AI workload security.

What happens if Microsoft updates the SC-300 exam?

We map the curriculum to the current published skills outline and revise it when Microsoft changes the exam. Always check the latest outline on Microsoft Learn before booking.

Do you run weekend batches?

Yes. Weekend batches cover the same 32 hours across consecutive Saturdays and Sundays, with timings in IST that also suit learners in the Gulf.

Can you run a private batch for our team?

Yes. We run private online or onsite batches for corporate teams, and we can weight the labs towards your identity governance requirements. Request a corporate quote with your team size and preferred dates.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/sc-300-identity-and-access-administrator · Email: info@aceskillsconsulting.com

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