

# Microsoft Certified: Identity and Access Administrator Associate (SC-300)

This Microsoft Identity and Access Administrator (SC-300) training covers the system for identifying and granting access to users on a Microsoft Azure network. This intermediate Microsoft Identity and Access Administrator (SC-300) training prepares learners to implement and manage identity and access management (IAM) solutions in both small businesses and enterprises.

[CBT Nuggets course material](#) →

## WEEK 1

### Azure Active Directory Initial Configuration

159 min.

Intro to IAM	8
Azure Active Directory Roles	16
Role Planning and Assignment.	6
Custom Domains	6
Device Registration Options	7
Configuring and Managing Device Registration Options	10
Administrative Units	5
Tenant-Wide Settings	3

### Azure AD User, Groups and Licenses

Overview	1
Azure AD Users	9
Creating Users with PowerShell	5
Bulk User Management	5
Azure AD Groups	12
Managing Users and Groups	10
Managing Licenses	10

### Azure AD Hybrid Identities

Overview	1
Hybrid Identities	14
Azure AD Connect	11
Azure AD Connect Cloud Sync	7
Seamless Single Sign-On	2
Active Directory Federated Services (AD FS)	9

**WEEK 2****153 min.**

Azure AD Connect Health and Troubleshooting 8

**Azure AD External Identities**

Overview 1

External Collaboration Settings 6

Inviting and Managing Guest Users 7

Creating Guest Accounts with PowerShell 6

Types of External Collaboration 3

Identity Providers 8

Configuring Identity Providers 10

Guest Self-Service Sign-Up 7

**Azure MFA and User Authentication**

Overview 1

Multi-Factor Authentication 9

Deploying MFA in Azure AD 10

Manage and Troubleshoot MFA 6

User Authentication Options 7

Implementing Passwordless Authentication in Azure AD 10

Self-Service Password Reset 6

Password Protection and Smart Lockouts 6

Certificate-Based Authentication in Azure AD 10

Setting Up Our PKI 5

Generating a User Certificate 3

Configuring CBA In Azure 8

Configure Azure AD User Authentication for Azure Windows VMs 14

**WEEK 3****151 min.**

Configure Azure AD User Authentication for Azure Linux VMs 10

**Conditional Access and Identity Protection**

Overview 1

Conditional Access Policies 5

Implementing Conditional Access Policies 15

Conditional Access Policy Templates and Device Policies 5

Troubleshooting Conditional Access Policies 6

Managing Azure AD Identity Protection 9

Deploying Azure AD Identity Protection Policies 7

Tenant Restrictions 5

Implement Continuous Access Evaluation 10

**Implement Access Management for Azure Resources**

Overview 1

Introduction 1

Assigning Roles in Azure 6

Analyzing Azure Role Permission 3

Configure Custom Roles in Azure 8

Create and Configure Managed Identities 8

Using Managed Identities to Access Azure Resources 9

Configure Azure Key Vault RBAC and Policies 10

**Deploying Enterprise Applications in Azure AD**

Overview 1

Application Discovery 9

Azure AD Application Proxy 11

Deploying Azure AD Application Proxy 8

## WEEK 4

152 min.

Integrating SaaS Applications Into Azure AD 4

User Consent Settings 9

Access Management for Apps 6

Configuring SSO for an App 8

Application User Provisioning 9

Monitor and Audit App Access 4

Create and Manage Application Collections 5

### Application Registration in Azure AD

Overview 1

Intro 1

App Registration 13

App Registration Planning 7

App Permissions 8

App Roles 10

Muti-tier Application Authentication 6

### Azure Entitlement Management

Overview 1

Entitlement Management 12

Entitlement Management Planning 3

Entitlement Catalogs 7

Entitlement Access Packages 19

End User Perspective 9

Terms of Use 8

## WEEK 5

153 min.

Connected Organizations with Entitlement Management 6

Configuring Connected Organizations 6

Managing Connected Organizations 6

### Azure Access Reviews

Overview 1

Azure AD Access Reviews 8

Group Access Review 14

Application Access Review 8

External Users Access Review 5

Azure Role Access Review 9

Access Review Licensing Requirements 3

### Azure Privileged Identity

Overview 1

Privileged Identity Management 13

Assigning Azure AD Roles with PIM 18

Assigning Azure AD Resources with PIM 7

PIM Audit History 5

Break Glass Account 10

### Azure AD Management

Overview 1

Troubleshoot Azure AD Access Issues 8

Azure AD Audit Logs 5

Microsoft Sentinel 9

Analyzing Azure AD Logs with Microsoft Sentinel 7

## WEEK 6

126 min.

Export Azure AD Logs to a 3rd Party SIEM	4
Azure Workbooks	6
Configure Notifications	6

### Using Azure Monitor and Identity Secure Score

Overview	1
Azure Monitor	11
Configuring Diagnostic Settings	10
Exploring Azure Monitor Pt.1	11
Exploring Azure Monitor Pt.2	5
Monitor Azure AD by using Log Analytics and KQL queries	11
Identity Secure Score	9

### Manage and monitor application access using Defender for Cloud Apps

Overview	1
Conditional Access App Control	11
Creating Access Policies in Microsoft Defender for Cloud Apps	6
Creating Session Policies in Microsoft Defender for Cloud Apps	8
Implement and Manage Policies for OAUTH Apps	5
Microsoft App Governance	8
Manage and Monitor Apps using App Governance	10