# Microsoft Azure
## Administrator (AZ-104T00-A)

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

**CODE:** ED22A09

**DURATION:** 35 hours

**START DATE:** 20/06/2022

**AUDIENCE PROFILE:**

This course is intended for
- Azure Administrators.
- IT Personnel
- Staff from the IT Department
- Managers from SMEs with strong IT background

**PREREQUISITES FOR PARTICIPATION:**
Good Knowledge of computers and Internet

**TRAINING LANGUAGE:**

Greek or English

**TRAINING MATERIALS:**

Step by Step training materials in the English Language

**METHODOLOGY:**

Lecture, discussion, demonstration and practice.

**COURSE OBJECTIVES:**

Upon completion of this course the participants will :

- Secure and manage identities with Azure Active Directory.
- Implement and manage users and groups. Implement and manage Azure subscriptions and accounts.
- Implement Azure Policy, including custom policies. Use RBAC to assign permissions. Leverage Azure Resource Manager to organize resources.
- Use the Azure Portal and Cloud Shell.
- Use Azure PowerShell and CLI.
- Use ARM Templates to deploy resources.
- Implement virtual networks and subnets.

**Contact us**
**77 77 72 52**

*Delivering training since 1996*

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- Configure public and private IP addressing.
- Configure network security groups.
- Configure Azure Firewall.
- Configure private and public DNS zones.
- Configure VNet Peering.
- Configure VPN gateways.
- Choose the appropriate intersite connectivity solution. Configure network routing including custom routes and service endpoints.
- Configure an Azure Load Balancer.
- Configure and Azure Application Gateway.
- Create Azure storage accounts.
- Configure blob containers.
- Secure Azure storage.
- Configure Azure files shares and file sync.
- Manage storage with tools such as Storage Explorer. Plan for virtual machine implementations.
- Create virtual machines.
- Configure virtual machine availability, including scale sets.

- Use virtual machine extensions. Create an app service plan.
- Create a web app.
- Implement Azure Container Instances.
- Implement Azure Kubernetes Service. Backup and restore file and folders.
- Backup and restore virtual machines. Use Azure Monitor.
- Create Azure alerts.
- Query using Log Analytics.
- Use Network Watcher

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**VENUE: Webinar**

**DATES & TIMES:**

**Monday 20/06/2022, 08:15 – 16:00**
**Tuesday 21/06/2022, 08:15 – 16:00**
**Monday 27/06/2022, 08:15 – 16:00**
**Wednesday 29/06/2022, 08:15 – 16:00**
**Thursday 30/06/2022, 08:15 - 16:00**

**PARICIPATION COST:**
The cost incudes the course notes and certificate.
In the event of classroom led training, coffee, snacks and lunch (only for full day courses) are offered complimentary.

**Participation Cost**
- Total Cost: €950
- HRDA Subsidy: €595
- Net Cost: €355

**For Unemployed**
- Please contact us

# Microsoft Azure Administrator

## COURSE TOPICS

### Module 1
**Identity**

- Azure Active Directory
- Users and Groups

### Module 2
**Governance and Compliance**

- Subscriptions and Accounts
- Azure Policy
- Role-based Access Control (RBAC)

### Module 3
**Azure Administration**

- Azure Resource Manager
- Azure Portal and Cloud Shell
- Azure PowerShell and CLI
- ARM Templates

### Module 4
**Virtual Networking**

- Virtual Networks
- IP Addressing
- Network Security groups
- Azure Firewall
- Azure DNS

### Module 5
**Intersite Connectivity**

- VNet Peering
- VPN Gateway Connections
- ExpressRoute and Virtual WAN

### Module 6
**Network Traffic Management**

- Network Routing and Endpoints
- Azure Load Balancer

- Azure Application Gateway

### Module 7
**Azure Storage**

- Storage Accounts
- Blob Storage
- Storage Security
- Azure Files and File Sync
- Managing Storage

### Module 8
**Azure Virtual Machines**

- Virtual Machine Planning
- Creating Virtual Machines
- Virtual Machine Availability
- Virtual Machine Extensions

### Module 9
**Serverless Computing**

- Azure App Service Plans
- Azure App Service
- Container Services
- Azure Kubernetes Service

### Module 10
**Data Protection**

- File and Folder Backups
- Virtual Machine Backups

### Module 11
**Monitoring**

- Azure Monitor
- Azure Alerts
- Log Analytics
- Network Watcher

# Registration Form

**Seminar Code: ED22A09 — Title: Microsoft Azure Administrator (AZ-104T00-A)   Start Date: 20/06/2022**

## A. Organization's details (if applicable)

| | | | | | |
|---|---|---|---|---|---|
| Company/Organization: | | Size: | ☐Small | ☐Medium | ☐Large |
| Economic Activity: | | Telephone: | | Fax: | |
| Address: | | Postal Code: | | | |
| Person responsible for the registration: | | Email: | | | |
| | | Direct Telephone: | | | |

## B. Participant's details (1)

| | | | | | |
|---|---|---|---|---|---|
| ☐Mr  ☐Ms | Name | | Surname | | |
| Title/ Job Position: | | Email: | | | |
| Job description: | | Telephone/Mobile: | | Fax: | |
| Reasons for participating in the seminar: | | | | | |

Please fill this section if there are special requests for the lunch provided (only in the case that lunch is included)
☐Fasting  ☐Vegetarian ☐Vegan

## C. Participation Cost

**PARTICIPATION IN THE SEMINAR IS PREPAID  (at least three days before the start of the seminar)**

Please invoice ☐The participant    ☐The company    Credit Customer Number (if applicable):

☐   For participants entitled the Human Resource Development Authority (HRDA)        € 355

☐   For participants **not entitled** the Human Resource Development Authority (HRDA)        € 950

Cheques must be issued to **EDITC Ltd** and payment can be made directly through deposit to the account of the company

**Account Name:** EDITC LTD
**IBAN**:CY19 0050 0115 0001 1501 0686 9601

**Account Number**: 115-01-068696-01
**SWIFT/BIC**:HEBACY2N

## D. Terms and conditions for participation on EDITC seminars

1. The company accepts registrations for participation in the seminars at least 5 working days prior to the start of the seminar. EDITC does not commit to accept any registrations received in less than 5 working days before the start of the training program.
2. Written cancellations received 5 working days before the start of the training program are accepted and in the case where a payment has been made by the client, the full amount is reimbursed to the client. Cancellations that do not meet the above term are invoiced. The client may replace the participants) provided that they meet the criteria for participation on this program.
3. The company has the right to cancel or postpone a training program up to one day before the start date of the program. All prepayments are returned to clients.
4. All registrations are strictly prepaid except credit customers. EDITC will not allow the entry of participants in the class unless their financial obligations have been settled.
5. EDITC will inform the client upon receipt of the application form. Written confirmation for the implementation of the training program will be sent within 3-5 days before the start date of the seminar. In exceptional cases written confirmation may be sent one day before the start of the program. **Participants are encouraged to contact the company in case they did not receive the confirmation.**
6. Participants with less than 75% attendance cannot be subsidized by the HRDA and in this case the participants (or their company) will have to pay the amount of the subsidy (in addition to their own payment amount).
7. In case of subsidized programs by the HRDA all the required forms of HRDA must be sent to EDITC before the start of the training program. EDITC will not allow the entry of participants in the class unless the HRDA forms have been submitted to EDITC.
8. Certificates of participation will be given to participants after the completion of the course provided that their financial obligations and obligations regarding HRDA forms are settled. Otherwise certificates will be mailed as soon as the above obligations are settled.

☐**We agree with the above terms and conditions**

Signature:                                        Date:

Stamp (in case of company):

## Registration Form

### B. Participant's Details (2)

| ☐Mr ☐Ms | Name | | Surname | |
|---|---|---|---|---|
| Title/ Job Position: | | | Email: | |
| Job description: | | | Telephone/Mobile: | Fax: |
| Reasons for participating on the seminar: | | | | |

Please fill this section if there are special requests for the lunch provided (only in the case that lunch is included)
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### B. Participant's Details (3)

| ☐Mr ☐Ms | Name | | Surname | |
|---|---|---|---|---|
| Title/ Job Position: | | | Email: | |
| Job description: | | | Telephone/Mobile: | Fax: |
| Reasons for participating on the seminar: | | | | |

Please fill this section if there are special requests for the lunch provided (only in the case that lunch is included)
☐Fasting  ☐Vegetarian ☐Vegan

### B. Participant's Details (4)

| ☐Mr ☐Ms | Name | | Surname | |
|---|---|---|---|---|
| Title/ Job Position: | | | Email: | |
| Job description: | | | Telephone/Mobile: | Fax: |
| Reasons for participating on the seminar: | | | | |

Please fill this section if there are special requests for the lunch provided (only in the case that lunch is included)
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### B. Participant's Details (5)

| ☐Mr ☐Ms | Name | | Surname | |
|---|---|---|---|---|
| Title/ Job Position: | | | Email: | |
| Job description: | | | Telephone/Mobile: | Fax: |
| Reasons for participating on the seminar: | | | | |

Please fill this section if there are special requests for the lunch provided (only in the case that lunch is included)
☐Fasting  ☐Vegetarian ☐Vegan

☐**We agree with the above terms and conditions**

Signature:                                    Date:

Stamp (in case of company):