



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: Δευτέρα, 11/04/2022



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.

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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:**

Δευτέρα 11/04/2022, 08:15 – 16:00
Πέμπτη 14/04/2022, 08:15 – 16:00
Παρασκευή 15/04/2022, 08:15 – 16:00
Δευτέρα 18/04/2022, 08:15 – 16:00
Τετάρτη 20/04/2022, 08:15 – 16:00

 **PARICIPATION COST:**

The cost includes 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

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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

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Registration Form

(To digitally sign, this form must be opened in Adobe Acrobat or Reader)

Seminar Code:
Title:
Start Date:

* Required

A. Organization's Details (if applicable)

* Company/Organization:		* Size:	
Economic Activity:		* Telephone:	
Address:		Postal Code:	
* Authorised person for the registration:		* Email:	
		* Direct Telephone:	
* Number of participants:			

B. Participant's Details (1)

* Title:	* Name:		* Surname:	
Title/ Job Position:			* Email:	
Job description:			* Mobile:	
Reasons for participating in the seminar:				
If lunch is included in the seminar, please state below any dietary preferences:				

B. Participant's Details (2)

* Title:	* Name:		* Surname:	
Title/ Job Position:			* Email:	
Job description:			* Mobile:	
Reasons for participating in the seminar:				
If lunch is included in the seminar, please state below any dietary preferences:				

B. Participant's Details (3)

* Title:	* Name:		* Surname:	
Title/ Job Position:			* Email:	
Job description:			* Mobile:	
Reasons for participating in the seminar:				
If lunch is included in the seminar, please state below any dietary preferences:				

B. Participant's Details (4)

* Title:	* Name:		* Surname:	
Title/ Job Position:			* Email:	
Job description:			* Mobile:	
Reasons for participating in the seminar:				
If lunch is included in the seminar, please state below any dietary preferences:				

B. Participant's Details (5)

* Title:	* Name:		* Surname:	
Title/ Job Position:			* Email:	
Job description:			* Mobile:	
Reasons for participating in the seminar:				
If lunch is included in the seminar, please state below any dietary preferences:				

