

### **Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

You can reach us at:

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# Microsoft Azure Security Technologies - Arrow Flex Expert

CODE: LENGTH: PRICE:

MCS AZ500FLEXEX 16 Hours (2 days) €1,690.00

#### **Description**

In this course students will gain the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, virtualization, and cloud N-tier architecture.

"Arrow Flex" is the blended learning solution developed by Arrow.

It is the solution for IT-/ Cloud- experienced technicians.

"Arrow Flex Expert" separates the theoretical content from the practical exercises of the official Microsoft course. Within two days of instructor led training via Virtual Classroom (VCL), you will learn the theory and concepts of the curriculum.

In the following self-paced learning phase you will work on all practical labs and exercises on your own. Afterwards, you can check your knowledge and prepare for the exam at your own pace with our Arrow Challenge Labs.

#### **Objectives**

After completing this course, students will be able to:

- Describe specialized data classifications on Azure
- Identify Azure data protection mechanisms
- Implement Azure data encryption methods
- Secure Internet protocols and how to implement them on Azure
- · Describe Azure security services and features

#### **Audience**

Students should have at least one year of hands-on experience securing Azure workloads and experience with security controls for workloads on Azure.

#### **Prerequisites**

Before attending this course, students must have knowledge of:

Microsoft Azure Administrator Associate

#### **Programme**

#### **Course Outline**

#### Module 1: Identity and AccessLessons

- · Configure Azure Active Directory for Azure workloads and subscriptions
- Configure Azure AD Privileged Identity Management
- Configure security for an Azure subscription

#### Module 2: Platform ProtectionLessons

- · Understand cloud security
- Build a network
- Secure network

- · Implement host security
- Implement platform security
- · Implement subscription security

#### Module 3: Security OperationsLessons

- · Configure security services
- · Configure security policies by using Azure Security Center
- · Manage security alerts
- · Respond to and remediate security issues
- · Create security baselines

#### Module 4: Data and applicationsLessons

- Configure security policies to manage data
- Configure security for data infrastructure
- · Configure encryption for data at rest
- · Understand application security
- Implement security for application lifecycle
- Secure applications
- · Configure and manage Azure Key Vault

#### **Test and Certification**

Before attending this course, students must have knowledge of:

• Microsoft Azure Administrator Associate

#### **Further Information**

What you will get in the Arrow Flex Expert course:

· 2 Days of instructor led training

covering the theoretical content of the course

- Official Microsoft courseware (MOC)
- 180 days access to MOC-LABS

for flexible, self-paced working on all practical exercises

• 365 days access to Arrow IT-Challenges

for proving your state of knowledge and preparation for the exam

2 exam voucher

for the certification with second shot opportunity

- Optional
  - : additional mentoring-day available

in case you need more help in your self-paced learning phase

You will get access to the courseware and MOC-Labs one week prior to the start of the two days of instructor-led training. We recommend strongly to prepare on the main topics of the course-modules within this week.

#### **Session Dates**

On request. Please Contact Us

#### **Additional Information**

This training is also available as onsite training. Please contact us to find out more.