

AZ-500 Microsoft Azure Security Technologies

Overview

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.

Prerequisite Comments

Before attending this course, students must have knowledge of: Microsoft Azure Administrator Associate

Target Audience

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

Course 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

Course Outline

[Register Online](#)

Schedule

Class Length: 4 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"
 ILT = "Instructor-Led-Training" | HDL = "Hosted Distance Learning"

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|----------|-----|-----------------|--|-----|------------|
| 11/02/20 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 11/02/20 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 12/07/20 | G2R | 8:00AM - 4:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 12/07/20 | G2R | 8:00AM - 4:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 01/18/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 01/18/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 02/08/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 02/08/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 03/08/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 03/08/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |

1 - Identity and Access

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

2 - Platform Protection

Understand cloud security
 Build a network
 Secure network
 Implement host security
 Implement platform security
 Implement subscription security

3 - Security Operations

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

4 - Data and applications

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

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|----------|-----|-----------------|--|-----|------------|
| 03/22/21 | G2R | 8:00AM - 4:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 03/22/21 | G2R | 8:00AM - 4:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 04/12/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 04/12/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 05/03/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 05/03/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 06/07/21 | G2R | 6:00AM - 2:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |
| 06/07/21 | G2R | 6:00AM - 2:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 06/28/21 | G2R | 8:00AM - 4:00PM | Online LIVE - Remote Learning (Pacific Time) | OLL | \$2,380.00 |
| 06/28/21 | G2R | 8:00AM - 4:00PM | HDL - All Locations (Pacific Time) | HDL | \$2,380.00 |