

Welcome to the Microsoft Azure Management Tools and Security Solutions Course

AI Services

Software Development Process Tools and Services

- Video: Weekly introduction 3 min
- Video: Understand your product options 5 min
- Video: Analyze the decision criteria 3 min
- Video: Manage the application development lifecycle 3 min
- Video: Use GitHub to contribute to open-source software 3 min
- Video: Use Azure DevTest Labs to

Test prep

Quiz • 15 min

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Due Dec 12, 11:59 PM PST Attempts 3 every 8 hours

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1. Which of Azure's monitoring offerings would be most beneficial for evaluating your Azure resources and making recommendations to help you improve reliability, security, and performance?

1 / 1 point

- ☒ Azure Advisor
- ☐ Azure Monitor
- ☐ Azure Service Health

Correct

Azure Advisor evaluates your Azure resources and makes recommendations to help you improve reliability, security, and performance, achieve operational excellence, and reduce costs.

Monitoring Services in
Microsoft Azure
Managing and Configuring Your
Microsoft Azure Environment

- Video: Lesson introduction
1 min
- Video: Identify the product
options
5 min
- Video: Analyze the decision
criteria
3 min
- Video: Visually understand and
manage your cloud environment
1 min
- Video: Use Azure for one-off
administrative tasks
1 min
- Video: Use the Azure CLI for one-
off administrative tasks
1 min

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1. Artificial Intelligence (AI) is a broad classification of computing that allows a software system to perceive its environment and take action that maximizes its chance of successfully achieving its goals. A goal of AI is to create a software system that is able to adapt or learn something on its own without being explicitly programmed to do it.

1 / 1 point

One approach to AI is a technique that uses existing data to train and test a model, then apply that model to new data to forecast future behaviors, outcomes, and trends. What is this referred to as?

- ☒ Machine Learning
- ☐ Deep Learning

Correct

Microsoft Azure Serverless Technology

Microsoft Azure IOT Services

- ▶ Video: Lesson introduction 46 sec
- ▶ Video: Identify the product options 7 min
- ▶ Video: Analyze the decision criteria 2 min
- ▶ Video: Use the IoT Hub 3 min
- ▶ Video: Use the IoT Central 2 min
- ▶ Video: Use the Azure Sphere 2 min
- ▶ Practice Quiz: Knowledge Check 6 questions

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1. Azure Cloud Services provides two serverless computing services; Azure Functions and Azure Logic Apps. Which service is responsible for automation and orchestration tasks, business processes, and workflows?

1 / 1 point

- ☐ Azure Functions
- ☒ Azure Logic Apps

✔ Correct

Logic Apps is a development platform that is hosted as a cloud service. It helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations.

Protect Against Security Threats on Microsoft Azure
Secure Network Connectivity on Microsoft Azure

- Video: Lesson introduction 2 min
- Video: What is defense in depth? 6 min
- Video: Protect virtual networks by using Azure Firewall 3 min
- Video: Protect from DDoS attacks by using Azure DDoS Protection 4 min
- Video: Filter network traffic by using network security groups 1 min
- Reading: Exercise - Configure Network Access to a VM by Using a Network Security Group 15 min

Test prep

Quiz • 15 min

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Due Jan 2, 11:59 PM PST Attempts 3 every 8 hours

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1. Your company is considering moving to Azure cloud services; however, management wants assurances. Features such as Security Reporting, similar to their existing on-premises SIEM solution need to be available. Which of the following features can be implemented that will provide a cloud-based SIEM solution?

1 / 1 point

- ☐ Configure a secure VM and store the Passwords and certificates in a shared folder.
- ☐ Implement Azure Key Vault.
- ☒ Implement Azure Sentinel.

Correct

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Course Info

You have completed all of the assignments that are currently due.

You passed this course! Your grade is 100%.

Item	Status	Due	Weight	Grade
Test prep Quiz	Passed	Dec 12 11:59 PM PST	25%	100%
Test prep Quiz	Passed	Dec 19 11:59 PM PST	25%	100%
Test prep Quiz	Passed	Dec 26 11:59 PM PST	25%	100%
Test prep Quiz	Passed	Jan 2, 2022 11:59 PM PST	25%	100%

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Microsoft Azure Management Tools and Security Solutions

Completed by **Pratik Yuvraj Yawalkar**
December 4, 2021
Grade Achieved: 100%

Pratik Yuvraj Yawalkar's account is verified. Coursera certifies their successful completion of Microsoft Azure Management Tools and Security Solutions

Microsoft Azure Management Tools and Security Solutions
Microsoft
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SKILLS YOU WILL GAIN

- Describe Microsoft Azure management tools
- Choose the correct Microsoft Azure Artificial Intelligence service to address different kinds of bu

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Chief Content Officer

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