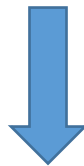


Microsoft MCSA Certification 70-535 Exam



- Vendor: Microsoft
- Exam Code: 70-535
- Exam Name: Architecting Microsoft Azure Solutions

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NEW QUESTION 265

Drag and Drop

A company runs multiple line-of-business applications in a Kubernetes container cluster. Source code for the applications resides in a version control repository which is a part of a continuous integration/continuous deployment (CI/CD) solution. You must be able to upgrade containerized applications without downtime after all tests and reviews have completed successfully. You need to recommend steps to go from source code to updated applications so that they can be automated in the CI/CD solution. Which four actions should you recommend be performed in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Actions	Answer Area
Update the DNS CNAME record of the application.	
Update the container.	
Push the image to the registry.	
Build the application.	
Change the Azure Service Definition schema.	
Reconfigure the routing tables.	
Change the Azure Service Configuration file.	
Build the container image with the application.	

Answer:

Actions	Answer Area
Update the DNS CNAME record of the application.	Build the application.
	Build the container image with the application.
	Push the image to the registry.
	Update the container.
Change the Azure Service Definition schema.	
Reconfigure the routing tables.	
Change the Azure Service Configuration file.	

NEW QUESTION 266

Hotspot

You are designing a solution that consist of Internet of Things (IoT) devices and external streams of data. You need to provide near real-time functionality. Which technologies should you implement?

(To answer, configure the appropriate options in the dialog box in the answer area. NOTE: Each correct selection is worth one point.)

Answer Area

Requirement	Technology
Monitoring assets	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>
Telemetry ingestion	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>
Providing real time predictions	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>
Spotting anomalies on IoT data	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>

Answer:

Answer Area

Requirement	Technology
Monitoring assets	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="background-color: #d9ead3; padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>
Telemetry ingestion	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="background-color: #d9ead3; padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>
Providing real time predictions	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="padding: 2px;">Azure Time Series Insights</div><div style="background-color: #d9ead3; padding: 2px;">Azure Stream Analytics</div></div>
Spotting anomalies on IoT data	<div style="border: 1px solid black; padding: 2px;"><div style="text-align: right; padding-right: 5px;">▼</div><div style="padding: 2px;">Azure IoT Hub</div><div style="padding: 2px;">Azure Event Grid</div><div style="padding: 2px;">Azure Event Hubs</div><div style="background-color: #d9ead3; padding: 2px;">Azure Time Series Insights</div><div style="padding: 2px;">Azure Stream Analytics</div></div>

Explanation:

<https://docs.microsoft.com/en-us/azure/iot-suite/iot-suite-options>

<https://azure.microsoft.com/en-us/services/stream-analytics/>
<https://azure.microsoft.com/en-us/services/time-series-insights/>

NEW QUESTION 267

Hotspot

You are managing the automation of your company's Azure resources. You need to choose the appropriate tool to automate specific use cases. Which tool should you choose for each use case? (To answer, select the appropriate tool from each list in the answer area. NOTE: Each correct selection is worth one point.)

Answer Area

Use case	Tool
Automate a portfolio of scripts.	<div data-bbox="820 688 1310 758">▼</div> <div data-bbox="820 758 1310 827">Azure Automation</div> <div data-bbox="820 827 1310 898">Desired State Configuration</div>
Create an ad hoc script to add a virtual machine.	<div data-bbox="820 982 1310 1052">▼</div> <div data-bbox="820 1052 1310 1121">Azure PowerShell</div> <div data-bbox="820 1121 1310 1192">Desired State Configuration</div>

Answer:

Answer Area

Use case	Tool
Automate a portfolio of scripts.	<div data-bbox="820 415 1308 485">▼</div> <div data-bbox="820 485 1308 554">Azure Automation</div> <div data-bbox="820 554 1308 625">Desired State Configuration</div>
Create an ad hoc script to add a virtual machine.	<div data-bbox="820 709 1308 779">▼</div> <div data-bbox="820 779 1308 848">Azure PowerShell</div> <div data-bbox="820 848 1308 919">Desired State Configuration</div>

Explanation:

<https://docs.microsoft.com/en-us/azure/automation/automation-intro>

<https://docs.microsoft.com/en-us/azure/virtual-machines/scripts/virtual-machines-windows-powershell-sample-create-iis-using-dsc-auto>

<https://docs.microsoft.com/en-us/azure/automation/automation-dsc-compile>

NEW QUESTION 268

Drag and Drop

You are designing a solution that ingests, transforms, and stores streams of data from Internet of Things (IoT) devices. The solution has the following requirements:

- Business users must be able to discover, understand, consume, and contribute to data creation.
- Transform data by using Spark.
- Data analysis must be performed by using a hub-and-spoke business intelligence model.

You need to choose the appropriate products for the solution. Which technologies should you recommend? (To answer, drag the appropriate technologies to the correct requirements. Each technology may be used once, more than one, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.)

Answer Area

Products	Requirement	Product
Azure Analysis Services	Discover, understand, consume, and contribute data.	Product
Azure Data Factory	Transform data	Product
Azure Data Catalog	Transform data analysis	Product
Azure Data Lake Analytics		

Answer:

Answer Area

Products	Requirement	Product
Azure Analysis Services	Discover, understand, consume, and contribute data.	Azure Data Catalog
Azure Data Factory	Transform data	Azure Data Factory
Azure Data Catalog	Transform data analysis	Azure Data Factory
Azure Data Lake Analytics		

Explanation:

<https://docs.microsoft.com/en-us/azure/data-catalog/data-catalog-what-is-data-catalog>

<https://docs.microsoft.com/en-us/azure/data-factory/transform-data-using-spark>

<http://gcloud.world/the-cloud-in-the-news/announcing-azure-analysis-services-general-availability-2/>

NEW QUESTION 269

Drag and Drop

You are designing an Azure storage solution for a company. The company has the following storage requirements:

- An app named App1 uses data analytics on stored data.
- App1 must store data on a hierarchical file system that uses Azure Active Directory (Azure AD) access control lists.
- An app named App2 must have access to object-based storage.
- The storage must support role-based access control and use shared access signature keys.

You need to design the storage solution. Which storage solution should you use for each app? (To answer, drag the appropriate storage solutions to the correct apps. Each storage solution may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.)

Answer area

Storage solutions	App	Storage solution
Azure Blob Storage	App1	Storage solutions
Azure File Storage	App2	Storage solutions
Azure Data Lake Store		
Azure StorSimple virtual device		
Azure Site Recovery		

Answer:

Answer area

Storage solutions	App	Storage solution
	App1	Azure Data Lake Store
Azure File Storage	App2	Azure Blob Storage
Azure StorSimple virtual device		
Azure Site Recovery		

Explanation:

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-comparison-with-blob-storage>

NEW QUESTION 270

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Case Study 9 - Trey Research Inc. (NEW QUESTION 271 - NEW QUESTION 276)

Background

You are an architect for Trey Research Inc., a software as a service (SaaS) company. The company is developing a new product named Tailspin for consumer and small business financial monitoring. The product will be offered as an API to banks and financial institutions. Banks and financial institutions will integrate Tailspin into their own online banking offerings. All employees of Trey

Research are members of an Active Directory Domain Services (AD DS) group named TREY.
[More](#)

NEW QUESTION 271

You need to ensure that authentication requirements are met. What should you do?

- A. Enable multi-factor authentication.
- B. Enable Azure AD Identity Protection.
- C. Require users to authenticate by using Windows Hello for Business.
- D. Require users to authenticate by using certificate-based authentication.

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/multi-factor-authentication/multi-factor-authentication>

NEW QUESTION 272

You are developing the application security review document. You need to ensure that application data security requirements are met. What should you verify?

- A. Azure SQL connections use an account that does have administrative access.
- B. Connection strings use encryption and not trust server certificates.
- C. Azure SQL connections use Azure Key Vault certificates for TLS.
- D. Connection strings are not stored in application code.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-security-tutorial>

NEW QUESTION 273

You need to design the multi-tenant model for storing application and customer data. Which pattern should you recommend?

- A. Shared database-single
- B. Database-per-tenant with elastic pools
- C. Database-per-tenant without elastic pools
- D. Shared database-shared

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/sql-database/saas-tenancy-app-design-patterns>

NEW QUESTION 274

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Case Study 10 - Tailspin Toys (NEW QUESTION 277 - NEW QUESTION 284)

Background

Security

The security team at Tailspin Toys plans to eliminate legacy authentication methods that are in use, including NTLM and Windows pass-through authentication. Tailspin Toys needs to share resources with several business partners. You are investigating options to securely share corporate data. Tailspin Toys has several databases that contain personally identifiable information (PII). User

access PII only through the Tailspin Toys e-commerce website. You secure apps by using on-premises Active Directory Domain Services (AD DS) credentials or Microsoft SQL Server logins.

[More](#)

NEW QUESTION 277

You need to recommend a solution architecture for the Tailspin Toys e-commerce website for app tier, data tier, and user authentication.

Solution:

- Web site based on Azure App Service.
- App data stored in Azure SQL Database.
- Authentication provided through Azure AD business-to-consumer (B2C).
- Solution deployed to multiple Azure regional datacenters.
- Load balancing with Azure Traffic Manager.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 278

You need to recommend a solution architecture for the Tailspin Toys e-commerce website for app tier, data tier, and user authentication.

Solution:

- Web App hosted in Azure virtual machines.
- App data stored in Azure SQL Server 2016, hosted in Azure virtual machines.
- Authentication provided through Azure AD business-to-consumer (B2C).
- Solution deployed to multiple Azure regional datacenters.
- Load balancing with Azure Traffic Manager.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 279

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