



AZ-304^{Q&As}

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QUESTION 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals.

Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it.

As a result, these questions will not appear in the review screen.

Your company has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Use the Azure Advisor to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 2

Note: This question is a part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while

others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing.

The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources.

You need to ensure that the image processing application runs correctly every hour.

Solution: Create an Azure WebJob that runs the image processing application every hour.

Does the solution meet the goal?

A. Yes

B. No



Correct Answer: B

Instead use an Azure Logic Apps, which helps you automate workflows that run on a schedule.

Reference: <https://docs.microsoft.com/en-us/azure/logic-apps/tutorial-build-schedule-recurring-logic-app-workflow>

QUESTION 3

Note: This question is a part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while

others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing.

The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources.

You need to ensure that the image processing application runs correctly every hour.

Solution: Create an Azure Batch application that runs the image processing application every hour.

Does the solution meet the goal?

- A. Yes
- B. No

Correct Answer: B

Instead use an Azure Logic Apps, which helps you automate workflows that run on a schedule.

Reference: <https://docs.microsoft.com/en-us/azure/logic-apps/tutorial-build-schedule-recurring-logic-app-workflow>

QUESTION 4

You are developing a sales application that will contain several Azure cloud services and will handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using REST messages.

What would you include in the recommendation?

- A. Azure Traffic Manager
- B. Azure Notification Hubs



C. Azure Blob storage

D. Azure Queue storage

Correct Answer: D

Asynchronous messaging can be implemented in a variety of different ways. With queues, topics, and subscriptions.

The queue service REST API: The Queue service stores messages that may be read by any client who has access to the storage account.

Incorrect Answers:

B: Azure Notification Hubs provide an easy-to-use and scaled-out push engine that allows you to send notifications to any platform. This communication is not asynchronous, however.

Reference: <https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-async-messaging>
<https://docs.microsoft.com/en-us/rest/api/storageservices/queue-service-rest-api>

QUESTION 5

HOTSPOT

Your company deploys several Linux and Windows virtual machines (VMs) to Azure. The VMs are deployed with the Microsoft Dependency Agent and the Log Analytics Agent installed by using Azure VM extensions. On-premises connectivity

has been enabled by using Azure ExpressRoute.

You need to design a solution to monitor the VMs.

Which Azure monitoring services should you use?

To answer, select the appropriate Azure monitoring services in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Scenario

Azure Monitoring Service

Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.

| | |
|--------------------------------|---|
| | ▼ |
| Azure Traffic Analytics | |
| Azure ExpressRoute Monitor | |
| Azure Service Endpoint Monitor | |
| Azure DNS Analytics | |

Visualize the VMs with their different processes and dependencies on other computers and external processes.

| | |
|----------------------|---|
| | ▼ |
| Azure Service Map | |
| Azure Activity Log | |
| Azure Service Health | |
| Azure Advisor | |

Correct Answer:

Scenario

Azure Monitoring Service

Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.

| | |
|--------------------------------|---|
| | ▼ |
| Azure Traffic Analytics | |
| Azure ExpressRoute Monitor | |
| Azure Service Endpoint Monitor | |
| Azure DNS Analytics | |

Visualize the VMs with their different processes and dependencies on other computers and external processes.

| | |
|----------------------|---|
| | ▼ |
| Azure Service Map | |
| Azure Activity Log | |
| Azure Service Health | |
| Azure Advisor | |

Box 1: Azure Traffic Analytics Traffic Analytics is a cloud-based solution that provides visibility into user and application activity in cloud networks. Traffic analytics analyzes Network Watcher network security group (NSG) flow logs to provide insights into traffic flow in your Azure cloud. With traffic analytics, you can:

1. Identify security threats to, and secure your network, with information such as open-ports, applications attempting internet access, and virtual machines (VM) connecting to rogue networks.
2. Visualize network activity across your Azure subscriptions and identify hot spots.
3. Understand traffic flow patterns across Azure regions and the internet to optimize your network deployment for performance and capacity.
- 4.



Pinpoint network misconfigurations leading to failed connections in your network.

Box 2: Azure Service Map Service Map automatically discovers application components on Windows and Linux systems and maps the communication between services. With Service Map, you can view your servers in the way that you think of them: as interconnected systems that deliver critical services. Service Map shows connections between servers, processes, inbound and outbound connection latency, and ports across any TCP-connected architecture, with no configuration required other than the installation of an agent.

References: <https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics> <https://docs.microsoft.com/en-us/azure/azure-monitor/insights/service-map>

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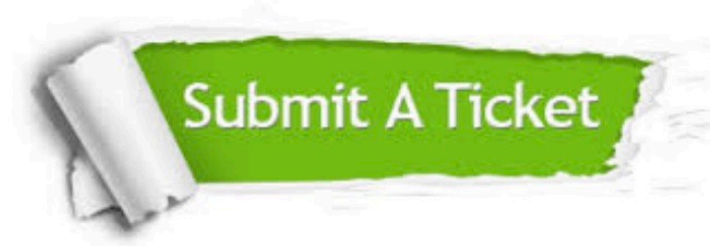
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