**Question 1**

You need to recommend a solution for the collection of security logs for the middle tier of the payment processing system. What should you include in the recommendation?

**Options:**

A. Azure Event Hubs  
B. Azure Notification Hubs  
C. the Azure Diagnostics agent  
D. the Microsoft Monitoring agent

**Answer:** C  
**Explanation:**

Explanation:  
Scenario: Collect Windows security logs from all the middle-tier servers and retain the logs for a period of seven years.  
The Azure Diagnostics agent should be used when you want to archive logs and metrics to Azure storage.  
Reference: https://docs.microsoft.com/en-us/azure/azure-monitor/platform/agents-overview  
Determine Workload Requirements

**Question 2**

HOTSPOT

You deploy several Azure SQL Database instances. You plan to configure the Diagnostics settings on the databases as shown in the following exhibit.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.  
Hot Area:

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.  
Hot Area:
The amount of time that SQLInsights data will be stored in blob storage is [answer choice].

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The maximum amount of time that SQLInsights data can be stored in Azure Log Analytics is [answer choice].

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Options:

A.  

Answer: A

Explanation:

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In the exhibit, the SQLInsights data is configured to be stored in Azure Log Analytics for 90 days. However, the question is asking for the "maximum" amount of time that the data can be stored which is 730 days.

Question 3
You have an on-premises Hyper-V cluster. The cluster contains Hyper-V hosts that run Windows Server 2016 Datacenter. The hosts are licensed under a Microsoft Enterprise Agreement that has Software Assurance.
The Hyper-V cluster contains 30 virtual machines that run Windows Server 2012 R2. Each virtual machine runs a different workload. The workloads have predictable consumption patterns.
You plan to replace the virtual machines with Azure virtual machines that run Windows Server 2016. The virtual machines will be sized according to the consumption pattern of each workload.
You need to recommend a solution to minimize the compute costs of the Azure virtual machines.
Which two recommendations should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

Options:
A. Purchase Azure Reserved Virtual Machine Instances for the Azure virtual machines
B. Create a virtual machine scale set that uses autoscaling
C. Configure a spending limit in the Azure account center
D. Create a lab in Azure DevTest Labs and place the Azure virtual machines in the lab
E. Activate Azure Hybrid Benefit for the Azure virtual machines

Answer: A, E

Explanation:
A: With Azure Reserved VM Instances (RIs) you reserve virtual machines in advance and save up to 80 percent.
E: For customers with Software Assurance, Azure Hybrid Benefit for Windows Server allows you to use your on-premises Windows Server licenses and run Windows virtual machines on Azure at a reduced cost.
You can use Azure Hybrid Benefit for Windows Server to deploy new virtual machines with Windows OS.
Reference:
Question 4
You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager resource deployments in your subscription.
What should you include in the recommendation?

Options:
A. Application Insights
B. Azure Activity Log
C. Azure Monitor action groups
D. Azure Monitor metrics

Answer: B

Explanation:
Activity logs are kept for 90 days. You can query for any range of dates, as long as the starting date isn't more than 90 days in the past.
Through activity logs, you can determine:
- what operations were taken on the resources in your subscription
- who started the operation
- when the operation occurred
- the status of the operation
- the values of other properties that might help you research the operation

Reference:

Question 5
Your company uses Microsoft System Center Service Manager on its on-premises network.
You plan to deploy several services to Azure.
You need to recommend a solution to push Azure service health alerts to Service Manager.

What should you include in the recommendation?

Options:
A. Azure Notification Hubs
B. Azure Event Hubs
C. IT Service Management Connector (ITSM)
D. Application Insights Connector

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Question 6
You have an on-premises Active Directory forest and an Azure Active Directory (Azure AD) tenant. All Azure AD users are assigned an Azure AD Premium P1 license.
You deploy Azure AD Connect.

Which two features are available in this environment that can reduce operational overhead for your company’s help desk? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

Options:
A. Azure AD Privileged Identity Management policies
B. access reviews
C. self-service password reset
D. Microsoft Cloud App Security Conditional Access App Control
E. password writeback

Answer: C, E

Question 7
You are planning the implementation of an order processing web service that will contain microservices hosted in an Azure Service Fabric cluster.
You need to recommend a solution to provide developers with the ability to proactively identify and fix performance issues. The developers must be able to simulate user connections to the order processing web service from the Internet, as well as simulate user transactions. The developers must be notified if the goals for the transaction response times are not met.
What should you include in the recommendation?

Options:
A. container health
B. Azure Network Watcher
C. Application Insights
Question 8

DRAG DROP

You have an Azure Active Directory (Azure AD) tenant. All user accounts are synchronized from an on-premises Active Directory domain and are configured for federated authentication. Active Directory Federation Services (AD FS) servers are published for external connections by using a farm of Web Application Proxy servers.

You need to recommend a solution to monitor the servers that integrate with Azure AD. The solution must meet the following requirements:

- Identify any AD FS issues and their potential resolutions.

- Identify any directory synchronization configuration issues and their potential resolutions.

- Notify administrators when there are any issues affecting directory synchronization or AD FS operations.

Which monitoring solution should you recommend for each server type? To answer, drag the appropriate monitoring solutions to the correct server types. Each monitoring 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.

Select and Place:

Options:

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Answer: A

Explanation:

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**Question 9**

You plan to deploy 200 Microsoft SQL Server databases to Azure by using Azure SQL Database and Azure SQL Database Managed Instance.

You need to recommend a monitoring solution that provides a consistent monitoring approach for all deployments. The solution must meet the following requirements:

- Support current-state analysis based on metrics collected near real-time, multiple times per minute, and maintained for up to one hour

- Support longer term analysis based on metrics collected multiple times per hour and maintained for up to two weeks.

- Support monitoring of the number of concurrent logins and concurrent sessions.

What should you include in the recommendation?

**Options:**

A. dynamic management views

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Question 10

Please wait while the virtual machine loads. Once loaded, you may proceed to the lab section. This may take a few minutes, and the wait time will not be deducted from your overall test time.

When the Next button is available, click it to access the lab section. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design.

Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn’t matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

You may now click next to proceed to the lab.
Web01 is used only for testing purposes. You need to reduce the costs to host Web01. What should you modify?

NOTE: To answer this question, sign in to the Azure portal and explore the Azure resource groups.

Options:
A. the disk type of Web01
B. the networking properties of Web01
C. the storage type of the storage account
D. the properties of the storage account

Answer: C

Explanation:
The storage type can be changed to Block blobs to save money.

Reference:
https://www.certification-questions.com
Microsoft AZ-301


Would you like to see more? Don't miss our AZ-301 PDF file at: