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Question 1

Question Type: **MultipleChoice**

Which term represents the ability to increase the computing capacity of a virtual machine by adding memory or CPUs?

Options:

A- horizontal scaling

B- agility

C- elasticity

D- vertical scaling

Answer:

D

Question 2

Question Type: **MultipleChoice**

What should you use to prevent traffic from an Azure virtual network from being routed to an Azure Storage account via the internet?

Options:

A- a public endpoint

B- Azure VPN Gateway

C- a service endpoint

D- a network security group (NSG)

Answer:

D

Question 3

Question Type: **MultipleChoice**

Where does Azure Monitor store performance data?

Options:

A- a Log Analytics workspace

B- an Azure Storage account

C- Azure Event Hubs E3

D- an event subscription

Answer:

A

Question 4

Question Type: **MultipleChoice**

Which cloud computing model includes on-premises and cloud-based resources?

Options:

A- private

B- public

C- hybrid

Answer:

C

Question 5

Question Type: MultipleChoice

What are two benefits of cloud computing? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

Options:

A- enables the rapid provisioning of resources

B- has increased administrative complexity

C- has the same configuration options as on-premises

D- shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

Answer:

A, D

Question 6

Question Type: **MultipleChoice**

What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure service?

Options:

A- an Azure region failure

B- an Azure data center failure

C- a physical server failure

D- a storage failure

Answer:

D

Question 7

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

Options:

A- Azure Sentinel

B- Azure Key Vault

C- Azure Synapse Analytics

D- Azure AD Connect

Answer:

A

Question 8

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to a scale set. Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

Explanation:

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

Question 9

Question Type: **MultipleChoice**

You have an Azure environment.

You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

What are three possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Options:

A- Use Bash in Azure Cloud Shell.

B- Use PowerShell in Azure Cloud Shell.

C- Use the PowerApps portal.

D- Use the Security & Compliance admin center.

E- Use the Azure portal.

Answer:

A, B, E

Explanation:

The Android tablet device will have a web browser (Chrome). That's enough to connect to the Azure portal.

The Azure portal offers three ways to create a VM:

Using the graphical portal.

Using the Azure Cloud Shell using Bash.

Using the Azure Cloud Shell using PowerShell.

Question 10

Question Type: MultipleChoice

What can you use to automatically send an alert if an administrator stops an Azure virtual machine?

Options:

A- Azure Advisor

B- Azure Service Health

C- Azure Monitor

D- Azure Network Watcher

Answer:

C

Explanation:

https://docs.microsoft.com/en-us/azure/azure-monitor/insights/vminsights-alerts

Question 11

Question Type: **MultipleChoice**

In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

Options:

A- private

B- hybrid

C- public

Answer:

C

Explanation:

Microsoft Azure, Amazon Web Services and Google Cloud are three examples of public cloud services.

Microsoft, Amazon and Google own the hardware. The tenants are the customers who use the public cloud services.

Question 12

Question Type: **MultipleChoice**

To which cloud models can you deploy physical servers?

Options:

A- private cloud and hybrid cloud only

B- private cloud only

C- private cloud, hybrid cloud and public cloud

D- hybrid cloud only

Answer:

A

Explanation:

A private cloud is on-premises so you can deploy physical servers.

A hybrid cloud is a mix of on-premise and public cloud resources. You can deploy physical servers on-premises.

https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/

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