

PRACTICE QUESTIONS

Microsoft

AZ-104

Microsoft Azure Administrator

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EDITION Free Set 2

QUESTIONS 10

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EXAM Microsoft AZ-104, Microsoft Azure Administrator

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10 practice questions for the Microsoft AZ-104 exam, Microsoft Azure Administrator, each followed by its answer and a short explanation. More free sets and the full practice exam: www.aiexamcerts.com/microsoft/az-104. Spotted a mistake? Email support@aiexamcerts.com with the exam code AZ-104 and the question number.

1. Which feature sends selected resource logs and metrics to a Log Analytics workspace, storage account or event hub?
 - A Diagnostic settings
 - B Activity log filters
 - C Resource tags
 - D Azure Advisor scores

Answer: A

Diagnostic settings define which logs and metrics leave a resource and where they go. The activity log records control-plane operations rather than resource logs, tags are labels, and Advisor scores are recommendation summaries.

2. Azure Files shares on the Premium tier use SSD storage and suit latency-sensitive workloads.
 - A True
 - B False

Answer: A (True)

Premium file shares use SSD-backed storage and are designed for low-latency, high-IOPS workloads. The Standard tier uses HDD-based media, so the Premium statement is correct, and this is a common point of confusion with the old Standard default.

3. Which statement about Azure virtual network peering is correct?
 - A Peering is transitive, so VNet1 reaches VNet3 through VNet2 automatically once both peerings exist
 - B Peered networks must share a resource group
 - C Peering is non-transitive, so VNet1 reaches VNet3 only through a direct peering or a routed hub
 - D Peering requires a VPN gateway in each virtual network

Answer: C

VNet peering does not forward traffic from one peered network to another, so connectivity needs a direct peering or a routed hub. The option claiming transitive peering is the most tempting wrong answer, because it describes how many people expect hub-and-spoke designs to behave.

4. A management group can contain other management groups and subscriptions, and the maximum number of levels is _____ levels below the root management group.

Answer: 6 (also accepted: six)

Azure allows six levels of management groups below the root management group, excluding the root and subscriptions. Candidates often count the root, so the number is easy to misremember.

5. Which two features provide high availability for VMs within a single region? (Choose two.)

- A Availability zones
- B Azure Bastion
- C Azure DNS
- D Availability sets
- E Azure Reserved Instances

Answer: A, D

Availability zones place VMs in separate datacenters, and availability sets spread them across fault and update domains. Bastion, DNS and Reserved Instances do not provide redundancy for running VMs, and Reserved Instances only reduce cost.

6. Which Azure Monitor alert type fires when Microsoft reports a service issue that affects your subscription?

- A Metric alert on a CPU or memory threshold
- B Log search alert
- C Smart detection
- D Service Health alert

Answer: D

Service Health alerts notify you about platform incidents, planned maintenance and advisories that affect your resources. Metric and log search alerts evaluate your own telemetry, and smart detection analyzes Application Insights data.

7. Which VM size series is designed for burstable workloads that do not need sustained full CPU performance?

- A D-series
- B E-series
- C N-series
- D B-series

Answer: D

B-series VMs accumulate CPU credits while idle and can burst above baseline for short periods, which suits low-traffic or dev workloads. D-series is general purpose with sustained performance, and E-series targets memory-heavy workloads.

8. Virtual network peering can connect two virtual networks only when they are located in the same Azure region.
- A True
 - B False

Answer: B (False)

Global VNet peering connects networks in different regions over the Microsoft backbone, so restricting peering to one region is incorrect. Regional peering covers only networks in the same region, which is the case the statement wrongly generalizes.

9. Which Azure feature lets an administrator assign a role to a group of users so that membership changes take effect without editing each role assignment?
- A Role assignment to an Entra ID group
 - B Resource lock on the subscription
 - C Individual role assignment per user
 - D Shared access signature

Answer: A

Assigning the role to a group means membership changes flow through automatically, and this is the recommended pattern. Assigning roles to each user separately creates maintenance overhead, which is the tempting wrong answer, and locks and SAS tokens do not grant roles.

10. Which protocol is used by Linux clients to mount an Azure Files share over the network in the NFS format?
- A SMB only
 - B iSCSI
 - C WebDAV
 - D NFS

Answer: D

Azure Files supports NFS shares, which are available on Premium file shares and are mounted by Linux clients. SMB is the protocol for Windows clients, and it is supported for Linux as well, which is why SMB only is a tempting wrong answer.