



AZ-304^{Q&As}

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QUESTION 1

You manage a solution in Azure.

You must collect usage data including MAC addresses from all devices on the network.

You need to recommend a monitoring solution.

What should you recommend?

- A. Activity Log Analytics
- B. Azure Network Security Group Analytics
- C. Network Performance Monitor
- D. Azure Application Gateway Analytics
- E. Azure Wire Data

Correct Answer: B

A network security group (NSG) includes rules that allow or deny traffic to a virtual network subnet, network interface, or both. When you enable diagnostic logging for an NSG, you can log the following categories of information:

Event: Entries are logged for which NSG rules are applied to VMs, based on MAC address. The status for these rules is collected every 60 seconds. Rule counter: Contains entries for how many times each NSG rule is applied to deny or allow traffic.

Reference: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-nsg-manage-log>

QUESTION 2

You have an Azure subscription that contains several resource groups, including a resource group named RG1. RG1 contains several business-critical resources.

A user named admin1 is assigned the Owner role to the subscription.

You need to prevent admin1 from modifying the resources in RG1. The solution must ensure that admin1 can manage the resources in the other resource groups.

What should you use?

- A. a management group
- B. an Azure policy
- C. a custom role
- D. an Azure blueprint

Correct Answer: C



Role-based access control (RBAC) focuses on user actions at different scopes. You might be added to the contributor role for a resource group, allowing you to make changes to that resource group. Incorrect Answers:

A: If your organization has many subscriptions, you may need a way to efficiently manage access, policies, and compliance for those subscriptions. Azure management groups provide a level of scope above subscriptions.

B: There are a few key differences between Azure Policy and role-based access control (RBAC). Azure Policy focuses on resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources. Unlike RBAC, Azure Policy is a default allow and explicit deny system.

D: Azure Blueprints enables cloud architects and central information technology groups to define a repeatable set of Azure resources that implements and adheres to an organization's standards, patterns, and requirements.

Reference: <https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

QUESTION 3

Your company purchases an app named App1.

You plan to run App1 on seven Azure virtual machines in an Availability Set. The number of fault domains is set to 3. The number of update domains is set to 20.

You need to identify how many App1 instances will remain available during a period of planned maintenance.

How many App1 instances should you identify?

- A. 1
- B. 2
- C. 6
- D. 7

Correct Answer: C

Only one update domain is rebooted at a time. Here there are 7 update domain with one VM each (and 13 update domain with no VM).

Reference: <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

QUESTION 4

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 have an Azure subscription named Project1. Only a group named Project1admins is assigned roles in the Project1



subscription. The Project1 subscription contains all the resources for an application named Application1.

Your company is developing a new application named Application2. The members of the Application2 development team belong to an Azure Active Directory (Azure AD) group named App2Dev.

You identify the following requirements for Application2:

1.

The members of App2Dev must be prevented from changing the role assignments in Azure.

2.

The members of App2Dev must be able to create new Azure resources required by Application2.

3.

All the required role assignments for Application2 will be performed by the members of Project1admins.

You need to recommend a solution for the role assignments of Application2.

Solution: Create a new Azure subscription named Project2. Assign Project1admins the Owner role for the Project2 subscription. Assign App2Dev the Contributor role for the Project2 subscription.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

QUESTION 5

DRAG DROP

You are designing a network connectivity strategy for a new Azure subscription. You identify the following requirements:

1.

The Azure virtual machines on a subnet named Subnet1 must be accessible only from the computers in your London office.

2.

Engineers require access to the Azure virtual machines on a subnet named Subnet2 over the Internet on a specific TCP/IP management port.

3.

The Azure virtual machines in the West Europe Azure region must be able to communicate on all ports to the Azure virtual machines in the North Europe Azure region.

4.



Azure virtual machines on Subnet1 and Subnet2 have public IP addresses.

You need to recommend which components must be used to meet the requirements. The solution must minimize costs and administrative effort whenever possible.

What should you include in the recommendation? To answer, drag the appropriate components to the correct requirements. Each component 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:

Components	Answer Area	
An Azure ExpressRoute connection	The Azure virtual machines on Subnet1 must be accessible only from the computers in the London office:	Component
A network security group (NSG)		Component
A new virtual network		Component
A site-to-site VPN	Engineers require access to the Azure virtual machines on Subnet2 over the Internet on a specific TCP/IP management port:	Component
Virtual network peering		Component
	The Azure virtual machines in the West Europe region must be able to communicate on all ports to the Azure virtual machines in the North Europe region:	

Correct Answer:

Components	Answer Area	
An Azure ExpressRoute connection	The Azure virtual machines on Subnet1 must be accessible only from the computers in the London office:	A site-to-site VPN
A new virtual network		A network security group (NSG)
	Engineers require access to the Azure virtual machines on Subnet2 over the Internet on a specific TCP/IP management port:	Virtual network peering
	The Azure virtual machines in the West Europe region must be able to communicate on all ports to the Azure virtual machines in the North Europe region:	



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