References:
https://docs.microsoft.com/en-us/azure/virtual-network/container-networking-overview

QUESTION 57
You have an Azure SQL Database server named SQL1.

You plan to turn on Advanced Threat Protection for SQL1 to detect all threat detection types.

Which action will Advanced Threat Protection detect as a threat?

A.   A user updates more than 50 percent of the records in a table.
B.   A user attempts to sign as select * from table1.
C.   A user is added to the db_owner database role.
D.   A user deletes more than 100 records from the same table.

Correct Answer: B
Explanation:
Advanced Threat Protection can detect potential SQL injections: This alert is triggered when an active exploit happens against an identified application vulnerability to SQL injection. This means the attacker is trying to inject malicious SQL statements using the vulnerable application code or stored procedures.

References:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-threat-detection-overview

QUESTION 58
HOTSPOT
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region	Resource group
SQL1	Azure SQL database	East US	RG1
Analytics1	Azure Log Analytics workspace	East US	RG1
Analytics2	Azure Log Analytics workspace	East US	RG2
Analytics3	Azure Log Analytics workspace	West Europe	RG1

You create the Azure Storage accounts shown in the following table.

Name	Region	Resource group	Storage account type	Access tier (default)
Storage1	East US	RG1	Blob	Cool
Storage2	East US	RG2	General purpose V1	Not applicable
Storage3	West Europe	RG1	General purpose V2	Hot

You need to configure auditing for SQL1.

Which storage accounts and Log Analytics workspaces can you use as the audit log destination? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Storage accounts that can be used as the audit log destination:	Storage1 only
	Storage2 only
	Storage1 and Storage2 only
	Storage1, Storage2, and Storage3

Log Analytics workspaces that can be used as the audit log destination:	Analytics1 only
	Analytics1 and Analytics2 only
	Analytics1 and Analytics3 only
	Analytics1, Analytics2, and Analytics3

Correct Answer:

Answer Area

Storage accounts that can be used as the audit log destination:	Storage1 only
	Storage2 only
	Storage1 and Storage2 only
	Storage1, Storage2, and Storage3

Log Analytics workspaces that can be used as the audit log destination:	Analytics1 only
	Analytics1 and Analytics2 only
	Analytics1 and Analytics3 only
	Analytics1, Analytics2, and Analytics3

QUESTION 59
HOTSPOT
You have an Azure subscription named Sub1.

You create a virtual network that contains one subnet. On the subnet, you provision the virtual machines shown in the following table.

Name	Network interface	Application security group assignment	IP address
VM1	NIC1	AppGroup12	10.0.0.10
VM2	NIC2	AppGroup12	10.0.0.11
VM3	NIC3	AppGroup3	10.0.0.100
VM4	NIC4	AppGroup4	10.0.0.200

Currently, you have not provisioned any network security groups (NSGs).

You need to implement network security to meet the following requirements:

▪ Allow traffic to VM4 from VM3 only.
▪ Allow traffic from the Internet to VM1 and VM2 only.
▪ Minimize the number of NSGs and network security rules.

How many NSGs and network security rules should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

NSGs:

▼
1
2
3
4

Network security rules:

▼
1
2
3
4

Correct Answer:

NSGs:

▼
1
2
3
4

Network security rules:

▼
1
2
3
4

QUESTION 60
You have a hybrid configuration of Azure Active Directory (Azure AD).

All users have computers that run Windows 10 and are hybrid Azure AD joined.

You have an Azure SQL database that is configured to support Azure AD authentication.

Database developers must connect to the SQL database by using Microsoft SQL Server Management Studio (SSMS) and authenticate by using their on-premises Active Directory account.

You need to tell the developers which authentication method to use to connect to the SQL database from SSMS. The solution must minimize authentication prompts.

Which authentication method should you instruct the developers to use?

A. SQL Login
B. Active Directory - Universal with MFA support
C. Active Directory - Integrated
D. Active Directory - Password

Correct Answer: C
Explanation:
Azure AD can be the initial Azure AD managed domain. Azure AD can also be an on-premises Active Directory Domain Services that is federated with the Azure AD.

Using an Azure AD identity to connect using SSMS or SSDT

The following procedures show you how to connect to a SQL database with an Azure AD identity using SQL Server Management Studio or SQL Server Database Tools.

Active Directory integrated authentication

Use this method if you are logged in to Windows using your Azure Active Directory credentials from a federated domain.

1. Start Management Studio or Data Tools and in the Connect to Server (or Connect to Database Engine) dialog box, in the Authentication box, select Active Directory - Integrated. No password is needed or can be entered because your existing credentials will be presented for the connection.