Azure cool tier is equivalent to the Amazon S3 Infrequent Access (S3-IA) storage in AWS that provides a low cost high performance storage for infrequently access data.

Note:
Azure's cool storage tier, also known as Azure cool Blob storage, is for infrequently-accessed data that needs to be stored for a minimum of 30 days. Typical use cases include backing up data before tiering to archival systems, legal data, media files, system audit information, datasets used for big data analysis and more.

The storage cost for this Azure cold storage tier is lower than that of hot storage tier. Since it is expected that the data stored in this tier will be accessed less frequently, the data access charges are high when compared to hot tier. There are no additional changes required in your applications as these tiers can be accessed using APIs in the same manner that you access Azure storage.

QUESTION 56
Your company plans to migrate its on-premises data to Azure.

You need to recommend which Azure services can be used to store the data. The solution must meet the following requirements:

▪ Encrypt all data while at rest.
▪ Encrypt data only by using a key generated by the company.

Which two possible services can you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure Table storage
B. Azure Backup
C. Azure Blob storage
D. Azure Queue storage
E. Azure Files

Correct Answer: CE
Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-service-encryption-customer-managed-keys

QUESTION 57
Note: This question is 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 that contains a resource group named RG1.

You create an Azure Active Directory (Azure AD) group named ResearchUsers that contains the user accounts of all researchers.

You need to recommend a solution that meets the following requirements:

- The researchers must be allowed to create Azure virtual machines.
- The researchers must only be able to create Azure virtual machines by using specific Azure Resource Manager templates.

Solution: Create an Azure DevOps Project. Configure the DevOps Project settings.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B

QUESTION 58
Note: This question is 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 are designing an Azure solution for a company that wants to move a .NET Core web application from an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Deploy the web application by using an Azure Kubernetes Service (AKS) container on VNET1.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B

QUESTION 59
HOTSPOT
Your company has three branch offices and an Azure subscription. Each branch office contains a Hyper-V host that hosts application servers.

You need to recommend a storage solution for the branch offices. The solution must ensure that the application servers can connect to a central storage device by using iSCSI connections. Data saved to the iSCSI storage device from the application servers must be uploaded to Azure automatically.

Which components should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Branch office Hyper-V hosts:

| Azure File Sync agent |
| Azure Site Recovery agent |
| Azure StorSimple Virtual Array |
| Distributed File System Replication |

Azure subscription:

| Azure file share |
| Azure File Sync |
| Azure Site Recovery vault |
| Azure Storage account |

Correct Answer:

Branch office Hyper-V hosts:

| Azure File Sync agent |
| Azure Site Recovery agent |
| **Azure StorSimple Virtual Array** |
| Distributed File System Replication |

Azure subscription:

| Azure file share |
| Azure File Sync |
| Azure Site Recovery vault |
| **Azure Storage account** |

QUESTION 60
You plan to deploy an API by using Azure API Management.

You need to recommend a solution to protect the API from a distribute derail of service (DDoS) attack.

What should you recommend?

A. Create network security groups (NSG)
B. Enable rate limiting
C. Strip the Power-By response header
D. Enable quotas.

Correct Answer: A

QUESTION 61
Note: This question is 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.

Your company has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Install and configure the Log Analytics and Dependency Agents on all VMs. Use the Wire Data solution in Azure Log Analytics to analyze the network traffic.

Does the solution meet the goal?

A. Yes
B. No

Correct Answer: B
Explanation:
Instead use Azure Network Watcher to run IP flow verify to analyze the network traffic.

References:
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview

QUESTION 62
HOTSPOT
You have an Azure App Service Web App that includes Azure Blob storage and an Azure SQL Database instance. The application is instrumented by using the Application Insights SDK.

You need to design a monitoring solution for the web app.

Which Azure monitoring services should you use? To answer, select the appropriate Azure monitoring services in the answer area.

NOTE: Each correct selection is worth one point.

Scenario	Azure monitoring service
Correlate Azure resource usage and performance data with application configuration and performance data.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Visualize the relationships between application components.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Track requests and exceptions to a specific line of code within the application.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Analyze how many users return to the application and how often they select a particular dropdown value.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log

Correct Answer: