Virtual machine size:	▼
Compute optimized Standard_F8s	
General purpose Standard_B8ms	
High performance compute Standard_H16r	
Memory optimized Standard_E16s_v3	

Feature:	▼
Receive side scaling (RSS)	
Remote Direct Memory Access (RDMA)	
Single root I/O virtualization (SR-IOV)	
Virtual Machine Multi-Queue (VMMQ)	

QUESTION 54
HOTSPOT
You plan to deploy the backup policy shown in the following exhibit.

Policy1

■■ Associated items   🗑 Delete   💾 Save   ✖ Discard

Backup frequency

| Daily ∨ | 6:00 PM ∨ | (UTC) Coordinated Universal Time ∨ |

Retention range

☑ Retention of daily backup point.

* At
For

| 6:00 PM ∨ | 90 | Day(s)

☑ Retention of weekly backup point.

* On   * At   For

| Sunday ∨ | 6:00 PM ∨ | 26 | Week(s)

☑ Retention of monthly backup point.

| **Week Based** | Day Based |

* On   * Day   * At   For

| First ∨ | Sunday ∨ | 6:00 PM ∨ | 36 | Month(s)

☐ Retention of yearly backup point.

Not Configured

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Virtual machines that are backed up using the policy can be recovered for up to a maximum of [answer choice].

▼
90 days
26 weeks
36 months
45 months

The minimum recovery point objective (RPO) for virtual machines that are backed up by using the policy is [answer choice].

▼
1 hour
1 day
1 week
1 month
1 year

Correct Answer:

Virtual machines that are backed up using the policy can be recovered for up to a maximum of [answer choice].

▼
90 days
26 weeks
36 months
45 months

The minimum recovery point objective (RPO) for virtual machines that are backed up by using the policy is [answer choice].

▼
1 hour
1 day
1 week
1 month
1 year

QUESTION 55
You have an Azure subscription. The subscription has a blob container that contains multiple blobs. Ten users in the finance department of your company plan to access the blobs during the month of April. You need to recommend a solution to enable access to the blobs during the month of April only. Which security solution should you include in the recommendation?

A. shared access signatures (SAS)
B. access keys
C. conditional access policies
D. certificates

Correct Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview

QUESTION 56
The developers at your company are building a containerized Python Django app.

You need to recommend platform to host the app. The solution must meet the following requirements:

- Support autoscaling.
- Support continuous deployment from an Azure Container Registry.
- Provide built-in functionality to authenticate app users by using Azure Active Directory (Azure AD).

Which platform should you include in the recommendation?

A. Azure Container instances
B. an Azure App Service instance that uses containers
C. Azure Kubernetes Service (AKS)
D. None of the above

Correct Answer: C
Explanation:
To keep up with application demands in Azure Kubernetes Service (AKS), you may need to adjust the number of nodes that run your workloads. The cluster autoscaler component can watch for pods in your cluster that can't be scheduled because of resource constraints. When issues are detected, the number of nodes in a node pool is increased to meet the application demand.

Azure Container Registry is a private registry for hosting container images. It integrates well with orchestrators like Azure Container Service, including Docker Swarm, DC/OS, and the new Azure Kubernetes service.

Moreover, ACR provides capabilities such as Azure Active Directory-based authentication, webhook support, and delete operations.

Reference:
https://docs.microsoft.com/en-us/azure/aks/cluster-autoscaler
https://medium.com/velotio-perspectives/continuous-deployment-with-azure-kubernetes-service-azurecontainer-registry-jenkins-ca337940151b

QUESTION 57
HOTSPOT
You have the Azure resources shown in the following table.

Name	Type	Description
VNET1	Virtual network	Connected to an on-premises network by using ExpressRoute
VM1	Virtual machine	Configured as a DNS server
SQLDB1	Azure SQL Database	Single instance
PE1	Private endpoint	Provides connectivity to SQLDB1
contoso.com	Private DNS zone	Linked to VNET1 and contains an A record for PE1
contoso.com	Public DNS zone	Contains a CNAME record for SQLDB1

You need to design a solution that provides on-premises network connectivity to SQLDB1 through PE1. How should you configure name resolution? To answer, select the appropriate options in the answer area.

Azure configuration:

Configure VM1 to forward contoso.com to the public DNS zone.
Configure VM1 to forward contoso.com to the Azure-provided DNS at 168.63.129.16.
In VNet1, configure a custom DNS server set to the Azure-provided DNS at 168.63.129.16.

On-premises DNS configuration:

Forward contoso.com to VM1.
Forward contoso.com to the public DNS zone.
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

Correct Answer:

Azure configuration:

Configure VM1 to forward contoso.com to the public DNS zone.
Configure VM1 to forward contoso.com to the Azure-provided DNS at 168.63.129.16.
In VNet1, configure a custom DNS server set to the Azure-provided DNS at 168.63.129.16.

On-premises DNS configuration:

Forward contoso.com to VM1.
Forward contoso.com to the public DNS zone.
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

QUESTION 58
You plan provision a High Performance Computing (HPC) cluster in Azure that will use a third-party scheduler.

You need to recommend a solution to provision and manage the HPC cluster node.

What should you include in the recommendation?

A. Azure Lighthouse
B. Azure CycleCloud
C. Azure Purview
D. Azure Automation

Correct Answer: B
Explanation:
You can dynamically provision Azure HPC clusters with Azure CycleCloud.

Azure CycleCloud is the simplest way to manage HPC workloads.

Note:
Azure CycleCloud is an enterprise-friendly tool for orchestrating and managing High Performance Computing (HPC) environments on Azure. With CycleCloud, users can provision infrastructure for HPC systems, deploy familiar HPC schedulers, and automatically scale the infrastructure to run jobs efficiently at any scale. Through CycleCloud, users can create different types of file systems and mount them to the compute cluster nodes to support HPC workloads.

Reference:
https://docs.microsoft.com/en-us/azure/cyclecloud/overview