

AZ-303 Dumps

Microsoft Azure Architect Technologies (beta)

<https://www.certleader.com/AZ-303-dumps.html>



NEW QUESTION 1

- (Exam Topic 1)

You need to identify the storage requirements for Contoso.

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Contoso requires a storage account that supports Blob storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure Table storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure File Storage.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Contoso is moving the existing product blueprint files to Azure Blob storage.

Use unmanaged standard storage for the hard disks of the virtual machines. We use Page Blobs for these. Box 2: No

Box 3: No

NEW QUESTION 2

- (Exam Topic 1)

You need to recommend an identify solution that meets the technical requirements.

What should you recommend?

- A. federated single-on (SSO) and Active Directory Federation Services (AD FS)
- B. password hash synchronization and single sign-on (SSO)
- C. cloud-only user accounts
- D. Pass-through Authentication and single sign-on (SSO)

Answer: D

Explanation:

Active Directory Federation Services is a feature and web service in the Windows Server Operating System that allows sharing of identity information outside a company's network.

Scenario: Technical Requirements include:

Prevent user passwords or hashes of passwords from being stored in Azure. References: <https://www.sherweb.com/blog/active-directory-federation-services/>

NEW QUESTION 3

- (Exam Topic 2)

You have an Azure Resource Manager template for a virtual machine named Template1. Template1 has the following parameters section.

```
"parameters": {
  "adminUsername": {
    "type": "string"
  },
  "adminPassword": {
    "type": "securestring"
  },
  "dnsLabelPrefix": {
    "type": "string"
  },
  "windowsOSVersion": {
    "type": "string"
    "defaultValue": "2016-Datacenter",
    "allowedValues": [
      "2016-Datacenter",
      "2019-Datacenter"
    ]
  },
  "location": {
    "type": "String",
    "allowedValues": [
      "eastus",
      "centralus",
      "westus" ]
  }
},
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
When you deploy Template1, you are prompted for a resource group.	<input type="radio"/>	<input type="radio"/>
When you deploy Template1, you are prompted for the Windows operating system version.	<input type="radio"/>	<input type="radio"/>
When you deploy Template1, you are prompted for a location.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
The Resource group is not specified.
Box 2: No
The default value for the operating system is Windows 2016 Datacenter.
Box 3: Yes
Location is no default value. References:
<https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/windows/ps-template>

NEW QUESTION 4

- (Exam Topic 2)

You have 10 Azure virtual machines on a subnet named Subnet1. Subnet1 is on a virtual network named VNet1. You plan to deploy a public Azure Standard Load Balancer named LB1 to the same Azure region as the 10 virtual machines. You need to ensure that traffic from all the virtual machines to the internet flows through LB1. The solution must prevent the virtual machines from being accessible on the internet. Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add health probes to LB1.
- B. Add the network interfaces of the virtual machines to the backend pool of LB1.
- C. Add an inbound rule to LB1.
- D. Add an outbound rule to LB1.
- E. Associate a network security group (NSG) to Subnet1.
- F. Associate a user-defined route to Subnet1.

Answer: ABD

Explanation:

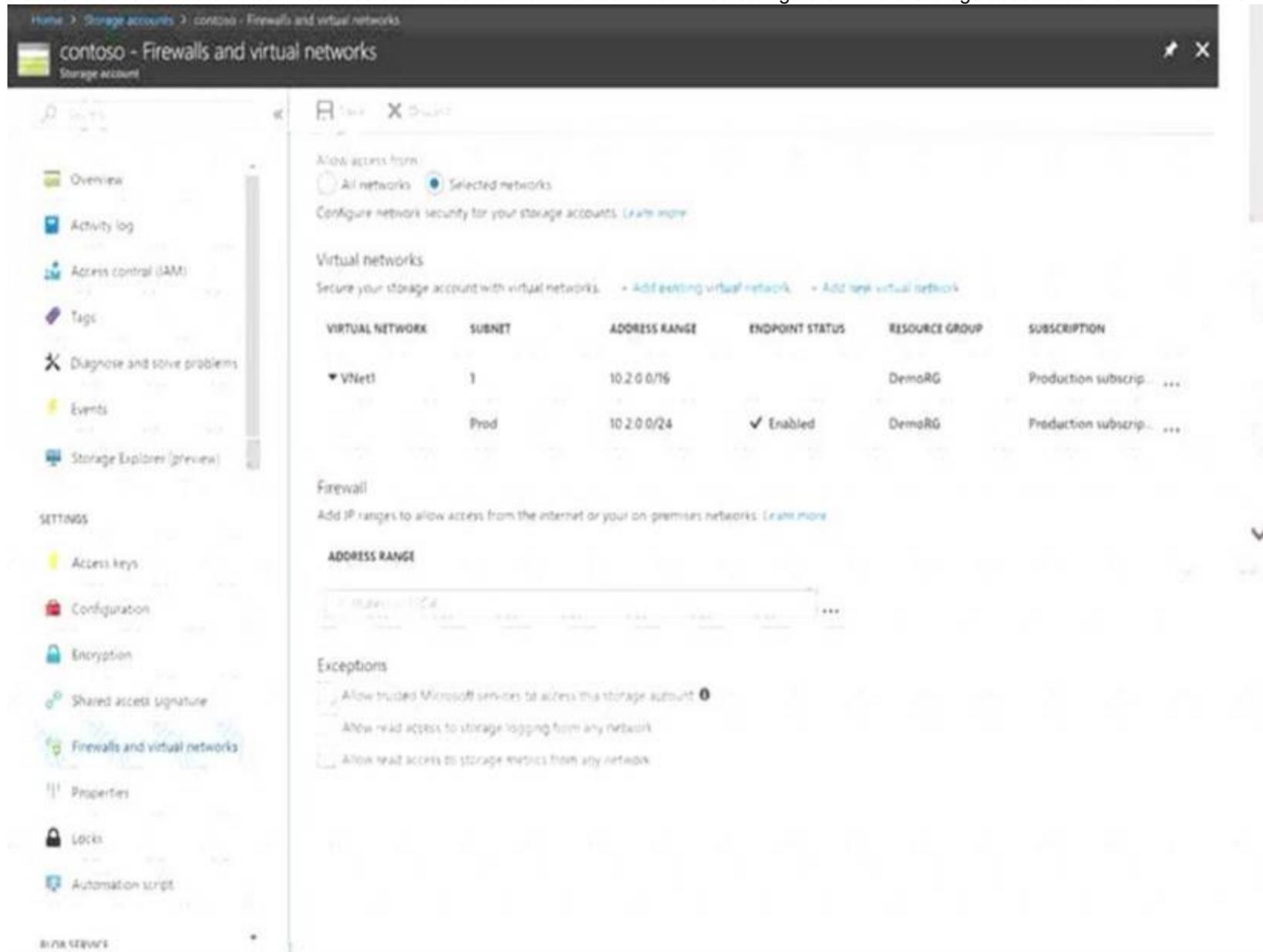
Reference:

<https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-standard-manage-portal2>

NEW QUESTION 5

- (Exam Topic 2)

You have several Azure virtual machines on a virtual network named VNet1. You configure an Azure Storage account as shown in the following exhibit.



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.

The virtual machines on the 10.2.9.0/24 subnet will have network connectivity to the file shares in the storage account [answer choice].

always
during a backup
never

Azure Backup will be able to back up the unmanaged hard disks of the virtual machines in the storage account [answer choice].

always
during a backup
never

- A. Mastered
- B. Not Mastered

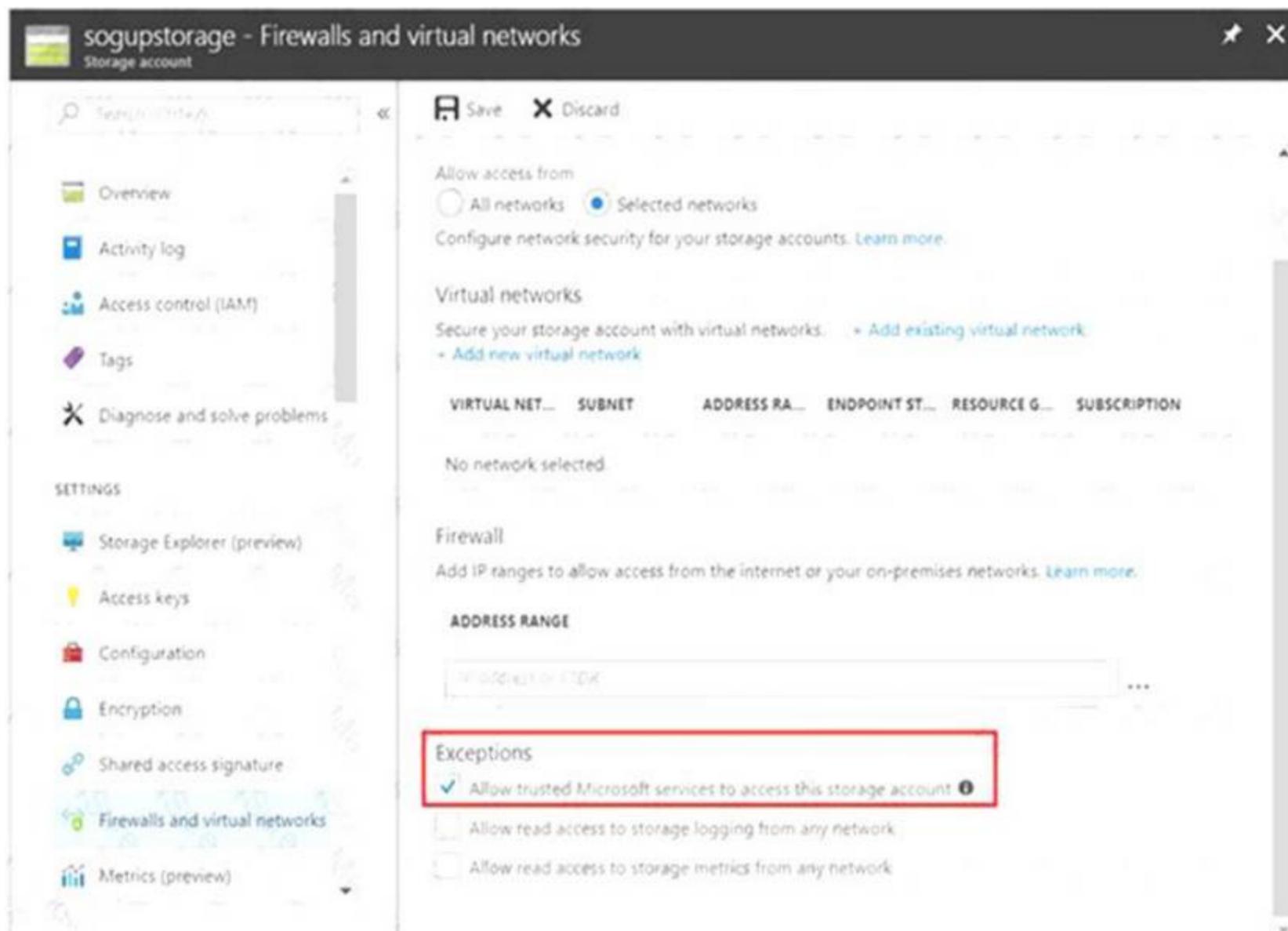
Answer: A

Explanation:

Box 1: Never

Box 2: Never

After you configure firewall and virtual network settings for your storage account, select Allow trusted Microsoft services to access this storage account as an exception to enable Azure Backup service to access the network restricted storage account.



<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows> <https://azure.microsoft.com/en-us/blog/azure-backup-now-supports-storage-accounts-secured-with-azure-storage>

NEW QUESTION 6

- (Exam Topic 2)

You have an Azure subscription that contains the resource groups shown in the following table.

Name	Location
RG1	West US
RG2	East US

RG1 contains the virtual machines shown in the following table.

Name	Region
VM1	West US
VM2	West US
VM3	West US
VM4	West US

RG2 contains the virtual machines shown in the following table.

Name	Region
VM5	East US 2
VM6	East US 2
VM7	West US
VM8	West US 2

All the virtual machines are configured to use premium disks and are accessible from the Internet. VM1 and VM2 are in an availability set named AVSET1. VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. VM5 and VM6 are in different availability zones.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM1 is eligible for a Service Level Agreement (SLA) of 99,95 percent.	<input type="radio"/>	<input type="radio"/>
VM3 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	<input type="radio"/>	<input type="radio"/>
VM5 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

VM1 and VM2 are in an available set named AVSET1.

For all Virtual Machines that have two or more instances deployed in the same Availability Set, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.

Box 2: No

VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. Box 3: Yes

VM5 and VM6 are in different availability zones.

For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

References:

https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_8/

NEW QUESTION 7

- (Exam Topic 2)

You have an Azure subscription that contains the Azure SQL servers shown in the following table.

Name	Region	In resource group
Sql1	West US	RG1
Sql2	West US	RG1

The subscription contains the elastic pool shown in the following table.

Name	On Azure SQL server
Pool1	Sql1
Pool2	Sql1
Pool3	Sql2

The subscription contains the Azure SQL databases shown in the following table.

Name	On Azure SQL server	Pool
DB1	Sql1	Pool1
DB2	Sql1	Pool2
DB3	Sql1	None

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
DB1 can be removed from Pool1 and added to Pool2.	<input type="radio"/>	<input type="radio"/>
DB2 can be removed from Pool2 and added to Pool3.	<input type="radio"/>	<input type="radio"/>
DB3 can be added to Pool1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Note: You cannot add databases from different servers into the same pool
 Box 1: Yes
 Pool2 contains DB2 but DB1 and DB2 are on Sql1. DB1 can thus be added to Pool2. Box 2: Yes
 Pool3 is empty. Box 3: Yes
 Pool1 contains DB1 but DB3 and DB1 are on Sql1. DB3 can thus be added to Pool1. References:
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-pool>

NEW QUESTION 8

- (Exam Topic 2)

You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Contains
storagecontoso1	A blob service and a table service
storagecontoso2	A blob service and a file service
storagecontoso3	A queue service
storagecontoso4	A file service and a queue service
storagecontoso5	A table service

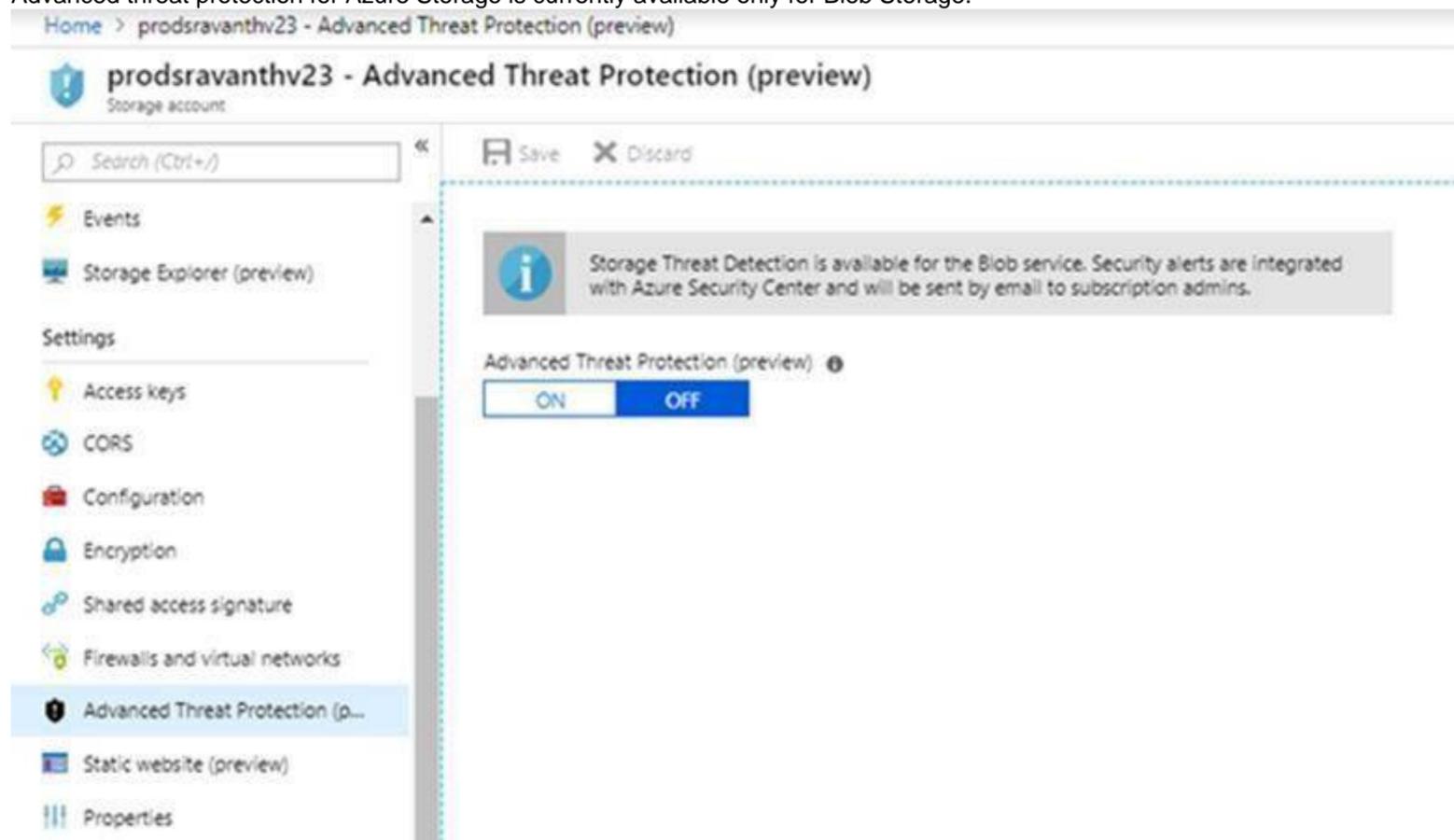
You enable Azure Advanced Threat Protection (ATP) for all the storage accounts. You need to identify which storage accounts will generate Azure ATP alerts. Which two storage accounts should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. storagecontoso1
- B. storagecontoso2
- C. storagecontoso3
- D. storagecontoso4
- E. storaacontoso5

Answer: AB

Explanation:

Advanced threat protection for Azure Storage is currently available only for Blob Storage.



<https://docs.microsoft.com/en-us/azure/storage/common/storage-advanced-threat-protection?tabs=azure-portal>

NEW QUESTION 9

- (Exam Topic 2)

Your company has a virtualization environment that contains the virtualization hosts shown in the following table.

Name	Hypervisor	Guest
Server1	VMware	VM1, VM2, VM3
Server2	Hyper-V	VMA, VMB, VMC

The virtual machines are configured as shown in the following table.

Name	Generation	Memory	Operating system (OS)	OS disk	Data disk
VM1	Not applicable	4 GB	Windows Server 2016	200 GB	800 GB
VM2	Not applicable	12 GB	Red Hat Enterprise Linux 7.2	3 TB	200 GB
VM3	Not applicable	32 GB	Windows Server 2012 R2	200 GB	1 TB
VMA	1	8 GB	Windows Server 2012	100 GB	2 TB
VMB	1	16 GB	Red Hat Enterprise Linux 7.2	150 GB	3 TB
VMC	2	24 GB	Windows Server 2016	500 GB	6 TB

All the virtual machines use basic disks. VM1 is protected by using BitLocker Drive Encryption (BitLocker). You plan to migrate the virtual machines to Azure by using Azure Site Recovery.

You need to identify which virtual machines can be migrated.

Which virtual machines should you identify for each server? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

The virtual machines that can be migrated from Server1.

- VM1 only
- VM2 only
- VM3 only
- VM1 and VM2 only
- VM1 and VM3 only
- VM1, VM2, and VM3

The virtual machines that can be migrated from Server2.

- VMA only
- VMB only
- VMC only
- VMA and VMB only
- VMA and VMC only
- VMA, VMB, and VMC

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The virtual machines that can be migrated from Server1.

- VM1 only
- VM2 only
- VM3 only
- VM1 and VM2 only
- VM1 and VM3 only
- VM1, VM2, and VM3

The virtual machines that can be migrated from Server2.

- VMA only
- VMB only
- VMC only
- VMA and VMB only
- VMA and VMC only
- VMA, VMB, and VMC

NEW QUESTION 10

- (Exam Topic 2)

You have an Azure subscription that contains 10 virtual machines on a virtual network.

You need to create a graph visualization to display the traffic flow between the virtual machines. What should you do from Azure Monitor?

- A. From Activity log, use quick insights.
- B. From Metrics, create a chart.
- C. From Logs, create a new query.
- D. From Workbooks, create a workbook.

Answer: C

Explanation:

Navigate to Azure Monitor and select Logs to begin querying the data Reference:
<https://azure.microsoft.com/en-us/blog/analysis-of-network-connection-data-with-azure-monitor-for-virtual-mac>

NEW QUESTION 10

- (Exam Topic 2)

You create an Azure virtual machine named VM1 in a resource group named RG1. You discover that VM1 performs slower than expected. You need to capture a network trace on VM1. What should you do?

- A. From Diagnostic settings for VM1, configure the performance counters to include network counters.
- B. From the VM1 blade, configure Connection troubleshoot.
- C. From the VM1 blade, install performance diagnostics and run advanced performance analysis
- D. From Diagnostic settings for VM1, configure the log level of the diagnostic agent.

Answer: C

Explanation:

The performance diagnostics tool helps you troubleshoot performance issues that can affect a Windows or Linux virtual machine (VM). Supported troubleshooting scenarios include quick checks on known issues and best practices, and complex problems that involve slow VM performance or high usage of CPU, disk space, or memory.

Advanced performance analysis, included in the performance diagnostics tool, includes all checks in the performance analysis, and collects one or more of the traces, as listed in the following sections. Use this scenario to troubleshoot complex issues that require additional traces. Running this scenario for longer periods will increase the overall size of diagnostics output, depending on the size of the VM and the trace options that are selected.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/performance-diagnostics>

NEW QUESTION 13

- (Exam Topic 2)

You have an Azure Container Registry and an Azure container instance.

You pull an image from the registry, and then update the local copy of the image.

You need to ensure that the updated image can be deployed to the container instance. The solution must ensure that you can deploy the updated image or the previous version of the image.

What should you do?

- A. Run the docker image push command and specify the tag parameter.
- B. Run the az image copy command and specify the tag parameter.
- C. Run the az aks update command and specify the attach-acr parameter.
- D. Run the kubectl apply command and specify the dry-run parameter.

Answer: B

NEW QUESTION 18

- (Exam Topic 2)

You have an Azure subscription named Subscription1 that contains an Azure virtual network named VNet1. VNet1 connects to your on-premises network by using Azure ExpressRoute.

You need to connect VNet1 to the on-premises network by using a site-to-site VPN. The solution must minimize cost.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a VPN gateway that uses the VpnGw1 SKU.
- B. Create a connection.
- C. Create a local site VPN gateway.
- D. Create a gateway subnet.
- E. Create a VPN gateway that uses the Basic SKU.

Answer: ABC

Explanation:

References:

<https://docs.microsoft.com/en-za/archive/blogs/canitpro/step-by-step-configuring-a-site-to-site-vpn-gateway-bet>

NEW QUESTION 22

- (Exam Topic 2)

You create a container image named Image1 on a developer workstation.

You plan to create an Azure Web App for Containers named WebAppContainer that will use Image1. You need to upload Image1 to Azure. The solution must ensure that WebAppContainer can use Image1. To which storage type should you upload Image1?

- A. Azure Container Registry
- B. an Azure Storage account that contains a blob container
- C. an Azure Storage account that contains a file share
- D. Azure Container Instances

Answer: A

Explanation:

Configure registry credentials in web app.

App Service needs information about your registry and image to pull the private image. In the Azure portal, go to Container settings from the web app and update

the Image source, Registry and save.

References:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/targets/webapp-on-container-linux>

NEW QUESTION 24

- (Exam Topic 2)

You have resources in three Azure regions. Each region contains two virtual machines. Each virtual machine has a public IP address assigned to its network interface and a locally installed application named App1.

You plan to implement Azure Front Door-based load balancing across all the virtual machines.

You need to ensure that App1 on the virtual machines will only accept traffic routed from Azure Front Door. What should you implement?

- A. Azure Private Link
- B. service endpoints
- C. network security groups (NSGs) with service tags
- D. network security groups (NSGs) with application security groups

Answer: C

Explanation:

Configure IP ACLing for your backends to accept traffic from Azure Front Door's backend IP address space and Azure's infrastructure services only. Refer the IP details below for ACLing your backend:

➤ Refer AzureFrontDoor.Backend section in Azure IP Ranges and Service Tags for Front Door's IPv4 backend IP address range or you can also use the service tag AzureFrontDoor.Backend in your network security groups.

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-faq>

NEW QUESTION 25

- (Exam Topic 2)

You have an Azure Kubernetes Service (AKS) cluster named Clus1 in a resource group named RG1. An administrator plans to manage Clus1 from an Azure AD-joined device.

You need to ensure that the administrator can deploy the YAML application manifest file for a container application.

You install the Azure CLI on the device. Which command should you run next?

- A. `kubectl get nodes`
- B. `az aks install-cli`
- C. `kubectl apply -f app1.yaml`
- D. `az aks get-credentials --resource-group RG1 --name Clus1`

Answer: C

Explanation:

`kubectl apply -f appl.yaml` applies a configuration change to a resource from a file or stdin. References:

<https://kubernetes.io/docs/reference/kubectl/overview/> <https://docs.microsoft.com/en-us/cli/azure/aks>

NEW QUESTION 26

- (Exam Topic 2)

You have an Azure Active Directory (Azure AD) tenant.

You need to create a conditional access policy that requires all users to use multi-factor authentication when they access the Azure portal.

Which three settings should you configure? To answer, select the appropriate settings to the answer area. NOTE: Each correct selection is worth one point.

***Name**
Policy1 v

Assignments

Users and groups ⓘ
0 users and groups selected >

Cloud apps ⓘ
0 cloud apps selected >

Conditions ⓘ
0 cloud apps selected >

Access controls

Grant ⓘ
0 controls selected >

Session ⓘ
0 controls selected >

Enable Policy

ON OFF

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-policies>

NEW QUESTION 30

- (Exam Topic 2)

You are developing an Azure Web App. You configure TLS mutual authentication for the web app.

You need to validate the client certificate in the web app. To answer, select the appropriate options in the answer area.

Property	Value
Client certificate location	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">HTTP request header</div> <div style="border-bottom: 1px solid black; padding: 2px;">Client cookie</div> <div style="border-bottom: 1px solid black; padding: 2px;">HTTP message body</div> <div style="padding: 2px;">URL query string</div> </div>
Encoding type	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">HTML</div> <div style="border-bottom: 1px solid black; padding: 2px;">URL</div> <div style="border-bottom: 1px solid black; padding: 2px;">Unicode</div> <div style="padding: 2px;">Base64</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Property	Value
Client certificate location	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">HTTP request header</div> <div style="border-bottom: 1px solid black; padding: 2px;">Client cookie</div> <div style="border-bottom: 1px solid black; padding: 2px;">HTTP message body</div> <div style="padding: 2px;">URL query string</div> </div>
Encoding type	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">HTML</div> <div style="border-bottom: 1px solid black; padding: 2px;">URL</div> <div style="border-bottom: 1px solid black; padding: 2px;">Unicode</div> <div style="padding: 2px;">Base64</div> </div>

NEW QUESTION 34

- (Exam Topic 2)

You have an Azure subscription that contains two virtual networks named VNet1 and VNet2. Virtual machines connect to the virtual networks. The virtual networks have the address spaces and the subnets configured as shown in the following table.

Virtual network	Address space	Subnet	Peering
VNet1	10.1.0.0/16	10.1.0.0/24 10.1.1.0/26	VNet2
VNet2	10.2.0.0/26	10.2.0.0/24	VNet1

You need to add the address space of 10.33.0.0/16 to VNet1. The solution must ensure that the hosts on VNet1 and VNet2 can communicate.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Remove peering between VNet1 and VNet2.	
Recreate peering between VNet1 and VNet2.	
On the peering connection in VNet1, allow gateway transit.	
Add the 10.33.0.0/16 address space to VNet1.	
On the peering connection in VNet2, allow gateway transit.	
Create a new virtual network named VNet1.	
Remove VNet1.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Remove peering between Vnet1 and VNet2.

You can't add address ranges to, or delete address ranges from a virtual network's address space once a virtual network is peered with another virtual network. To add or remove address ranges, delete the peering, add or remove the address ranges, then re-create the peering. Step 2: Add the 10.44.0.0/16 address space to VNet1. Step 3: Recreate peering between VNet1 and VNet2 References:

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

NEW QUESTION 39

- (Exam Topic 2)

You have an Azure Resource Manager template named Template1 in the library as shown in the following exhibit.

ARM Template

template1



```

1  {
2    "$schema": "https://schema.management.azure.com/
schemas/2015-01-01/deploymentTemplate.json#",
3    "contentVersion": "1.0.0.0",
4    "parameters": {},
5    "resources": [
6      {
7        "apiVersion": "2016-01-01",
8        "type": "Microsoft.Storage/storageAccounts",
9        "name": "[concat(copyIndex(), 'storage',
uniqueString(resourceGroup().id))]",
10       "location": "[resourceGroup().location]",
11       "sku": {
12         "name": "Premium_LRS"
13       },
14       "kind": "Storage",
15       "properties": {},
16       "copy": {
17         "name": "storagecopy",
18         "count": 3,
19         "mode": "Serial",
20         "batchSize": 1
21       }
22     }
23   ]
24 }
25
26

```

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.

During the deployment of Template1, you can specify **[answer choice]**.

	▼
the number of resources to deploy	
the name of the resources to deploy	
the resource group to which to deploy the resources	
the permissions for the resources that will be deployed	

Template1 deploys **[answer choice]**.

	▼
a single storage account in one resource group	
three storage accounts in one resource group	
three resource groups that each has one storage account	
three resource groups that each has three storage accounts	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/template-syntax>

NEW QUESTION 40

.....

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You can enjoy free update one year. 24x7 online support.

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