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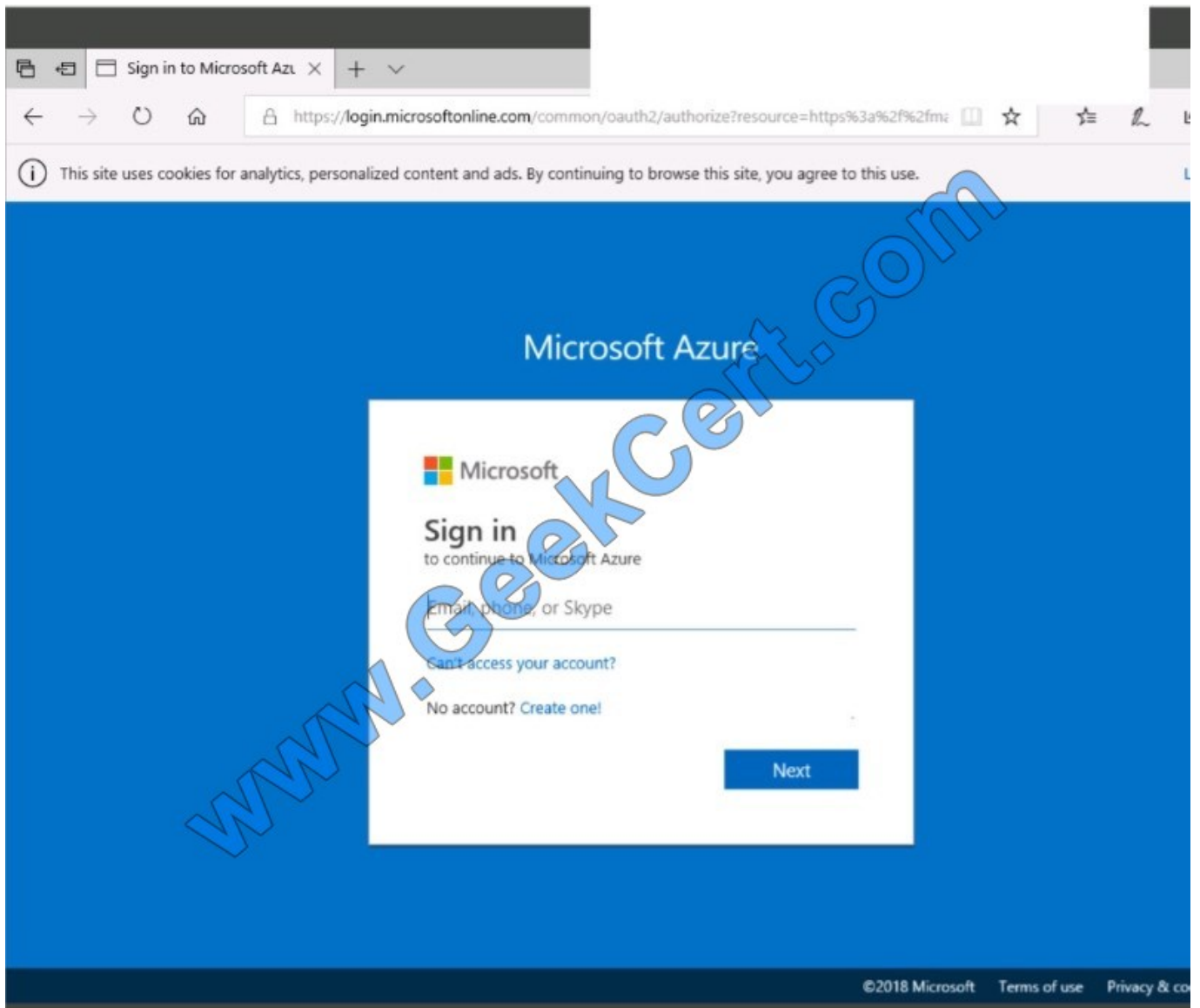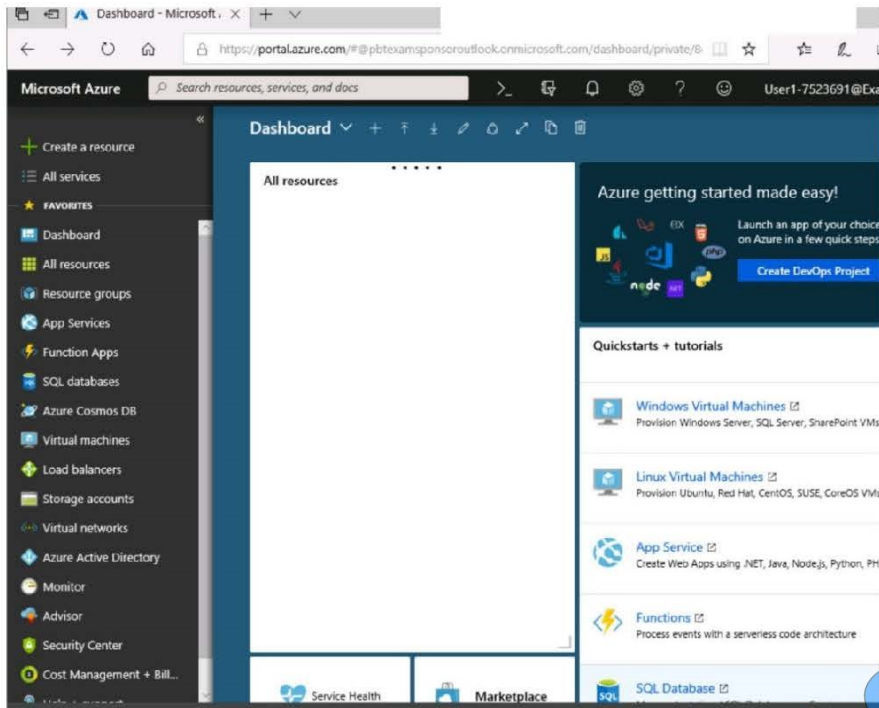⚙ **365 Days** Free Update

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QUESTION 1

SIMULATION

Click to expand each objective. To connect to the Azure portal, type https://portal.azure.com in the browser address bar.

Home > Storage accounts > Create storage account

Create storage account

Submitting deployment...

Submitting the deployment template for resourc 'corpdatalod7523690'.

Basics   Advanced   Tags   Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Home > Microsoft.StorageAccount-20181011170335 - Overview

Microsoft.StorageAccount-20181011170335 - Overview
Deployment

Search (Ctrl+/)

- Overview
- Outputs
- Inputs
- Template

🗑 Delete   ⊘ Cancel   ⬆ Redeploy   ↻ Refresh

⋯ Your deployment is underway

Check the status of your deployment, manage resources,
or troubleshoot deployment issues. Pin this page to your
dashboard to easily find it next time.

Deployment
name: Microsoft.StorageAccount-
20181011170335
Subscription: Microsoft AZ-100 5
Resource group: corpdatalod7523690

DEPLOYMENT DETAILS (Download)

Start time: 10/11/2018 5:04:06 PM
Duration: 17 seconds
Correlation ID: bd0806a4-d1bd-42db-be6b-
55e0ec38f49b

RESOURCE	TYPE	STATUS	OPERATI...
No results.			

Home > Virtual machines > Create a virtual machine

Create a virtual machine

⊗ Validation failed. Required information is missing or not valid.

Basics •   Disks   Networking   Management   Guest config   Tags   **Review + create**

PRODUCT DETAILS

Ubuntu Server 18.04 LTS
by Canonical
Terms of use | Privacy policy

Pricing not available for this offering
View Pricing details for more information.

Standard D2s v3
by Microsoft
Terms of use | Privacy policy

Subscription credits apply ⓘ
0.0960 USD/hr
Pricing for other VM sizes

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When you are finished performing all the tasks, click the `Next\\' button.

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Overview The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design.

Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn\\'t matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are

able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

Another administrator reports that she is unable to configure a web app named corplod8548987n3 to prevent all connections from an IP address of 11.0.0.11.

You need to modify corplod8548987n3 to successfully prevent the connections from the IP address. The solution must minimize Azure-related costs.

What should you do from the Azure portal?

Correct Answer:

QUESTION 2

You download an Azure Resource Manager template based on an existing virtual machine. The template will be used to deploy 100 virtual machines.

You need to modify the template to reference an administrative password. You must prevent the password from being stored in plain text.

What should you create to store the password?

A. an Azure Key Vault and an access policy.

B. an Azure Storage account and an access policy.

C. Azure Active Directory (AD) Identity Protection and an Azure policy.

D. a Recovery Services vault and a backup policy.

Correct Answer: A

QUESTION 3

You plan to deploy five virtual machines to a virtual network subnet.

Each virtual machine will have a public IP address and a private IP address.

Each virtual machine requires the same inbound and outbound security rules.

What is the minimum number of network interfaces and network security groups that you require? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Minimum number of network interfaces:

5
10
15
20

Minimum number of network security groups:

1
2
5
10

Correct Answer:

Minimum number of network interfaces:

5
10
15
20

Minimum number of network security groups:

1
2
5
10

QUESTION 4

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.

A company backs up data to on-premises servers at their main facility. The company currently has 30 TB of archived data that infrequently used. The facility has download speeds of 100 Mbps and upload speeds of 20 Mbps.

You need to securely transfer all backups to Azure Blob Storage for long-term archival. All backup data must be sent within seven days.

Solution: Use the Set-AzureStorageBlobContent Azure PowerShell command to copy all backups asynchronously to Azure Blob Storage.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 5

You are developing an internal website for employee to view sensitive data. The website uses Azure Directory (AAD) for

authentication.

You need to implement multifactor authentication for the website.

What should you do? Each correct answer presents part of the solution. NOTE: Each connect selection is worth one point.

A. Upgrade to Azure AD premium.

B. In Azure ACL enable application pages.

C. Configuration the website to user Azure AD BDC.

D. In Azure AD conditional access enable the baseline policy.

E. In Azure AD create a new conditional access policy.

Correct Answer: CE

QUESTION 6

HOTSPOT

You have Azure Storage accounts 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.

Hot Area:

· · · · ·

Answer Area

You can use [answer choice] for Azure Table Storage.

storageaccount1 only
storageaccount2 only
storageaccount3 only
storageaccount1 and storageaccount2 only
storageaccount2 and storageaccount3 only

You can use [answer choice] for Azure Blob storage.

storageaccount3 only
storageaccount2 and storageaccount3 only
storageaccount1 and storageaccount3 only
all the storage accounts

Correct Answer:

· · · · ·

Answer Area

You can use [answer choice] for Azure Table Storage.

storageaccount1 only
storageaccount2 only
storageaccount3 only
storageaccount1 and storageaccount2 only
storageaccount2 and storageaccount3 only

You can use [answer choice] for Azure Blob storage.

storageaccount3 only
storageaccount2 and storageaccount3 only
storageaccount1 and storageaccount3 only
all the storage accounts

Note: The three different storage account options are: General-purpose v2 (GPv2) accounts, General-purpose v1 (GPv1) accounts, and Blob storage accounts.

General-purpose v2 (GPv2) accounts are storage accounts that support all of the latest features for blobs, files, queues, and tables.

Blob storage accounts support all the same block blob features as GPv2, but are limited to supporting only block blobs.

General-purpose v1 (GPv1) accounts provide access to all Azure Storage services, but may not have the latest features or the lowest per gigabyte pricing.

References:

https://docs.microsoft.com/en-us/azure/storage/common/storage-account-options

QUESTION 7

You need to meet the security requirements. What should you use?

A. HTTP Strict Transport Security (HSTS)

B. Direct Line API

C. Multi-Factor Authentication (MFA)

D. Bot Framework Portal

E. Bot Framework authentication

Correct Answer: E

QUESTION 8

Which blade should you instruct the finance department auditors to use?

A. Partner information

B. Cost analysis

C. Resource providers

D. Invoices

Correct Answer: D

You can opt in and configure additional recipients to receive your Azure invoice in an email. This feature may not be available for certain subscriptions such as support offers, Enterprise Agreements, or Azure in Open.

1. Select your subscription from the Subscriptions page. Opt-in for each subscription you own. Click Invoices then Email my invoice.
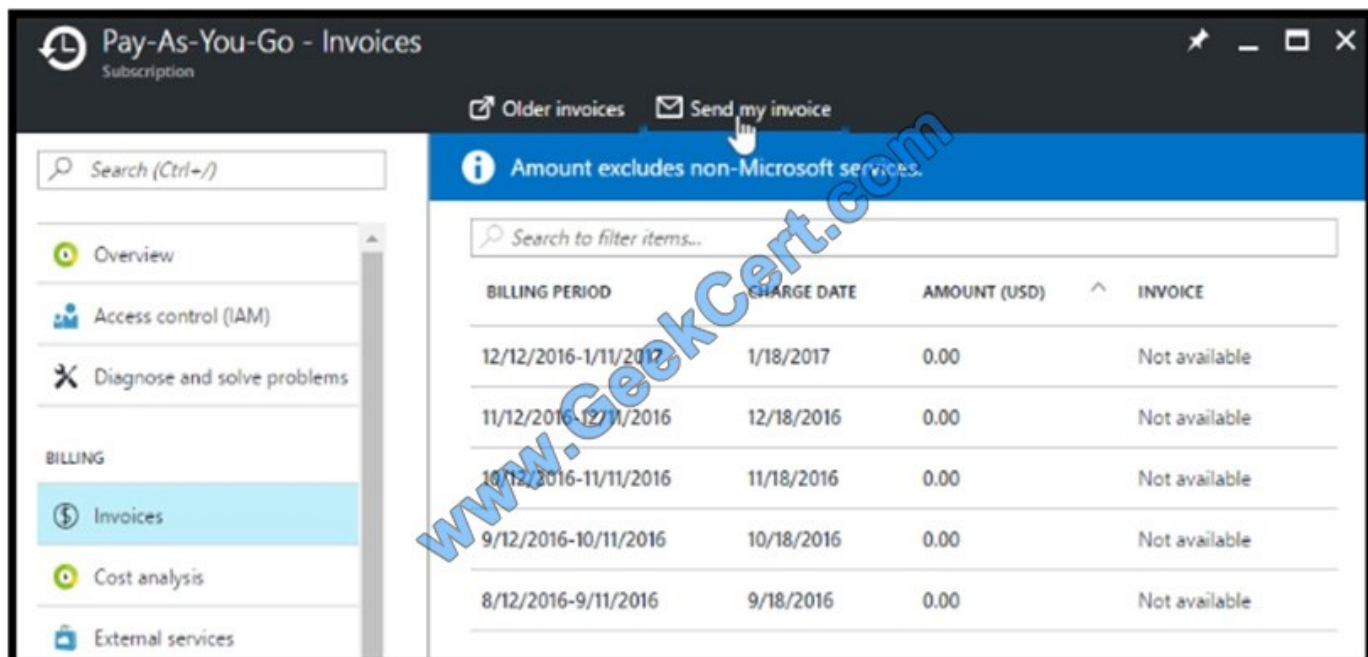
2. Click Opt in and accept the terms.

Scenario: During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.

References:

https://docs.microsoft.com/en-us/azure/billing/billing-download-azure-invoice-daily-usage-date

QUESTION 9

HOTSPOT

You have a virtualization environment that contains the virtualization servers in the following table.

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

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

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

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.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Incorrect Answers:

VM1 cannot be migrates as it has BitLocker enabled.

VM2 cannot be migrates as the OS disk on VM2 is larger than 2TB.

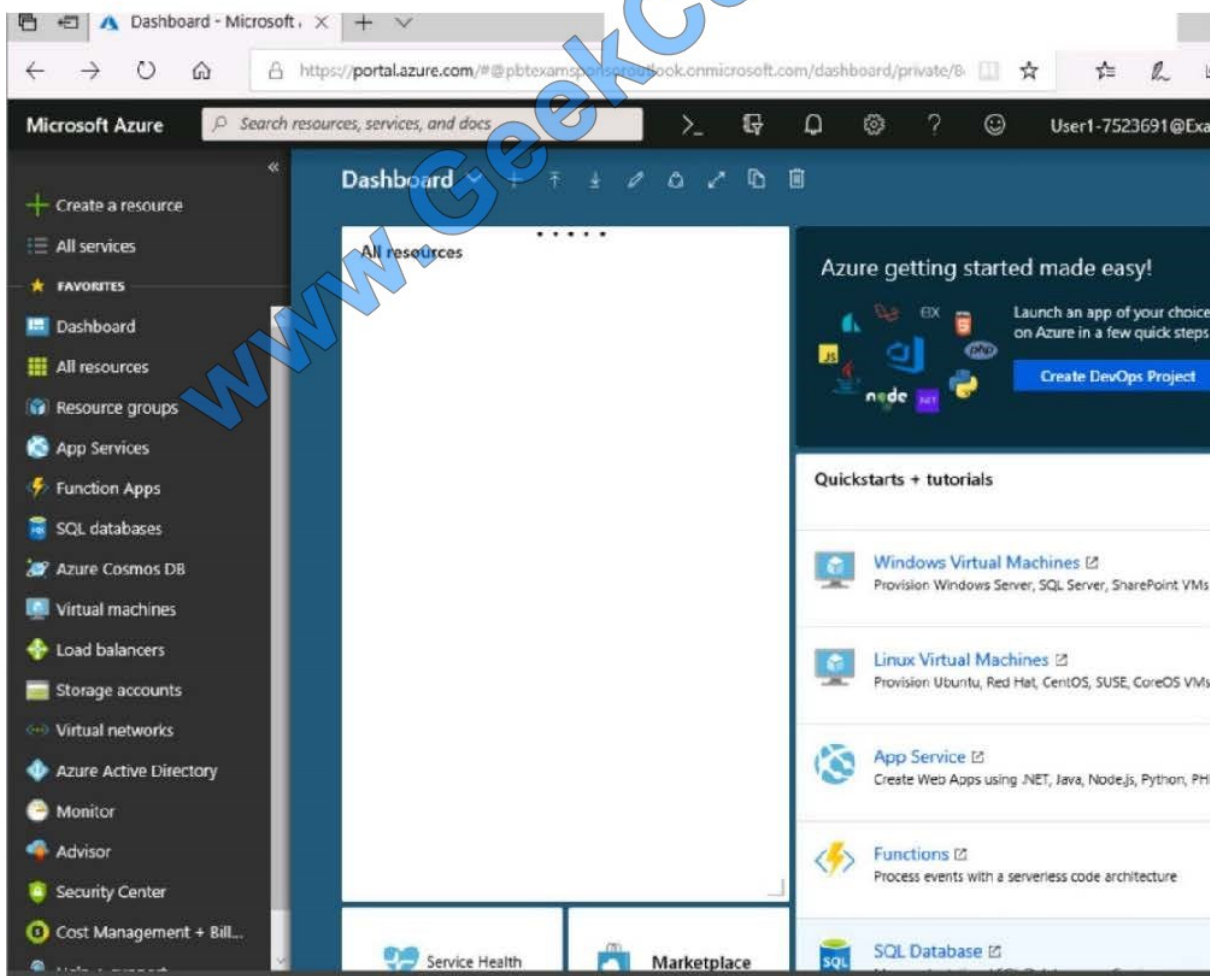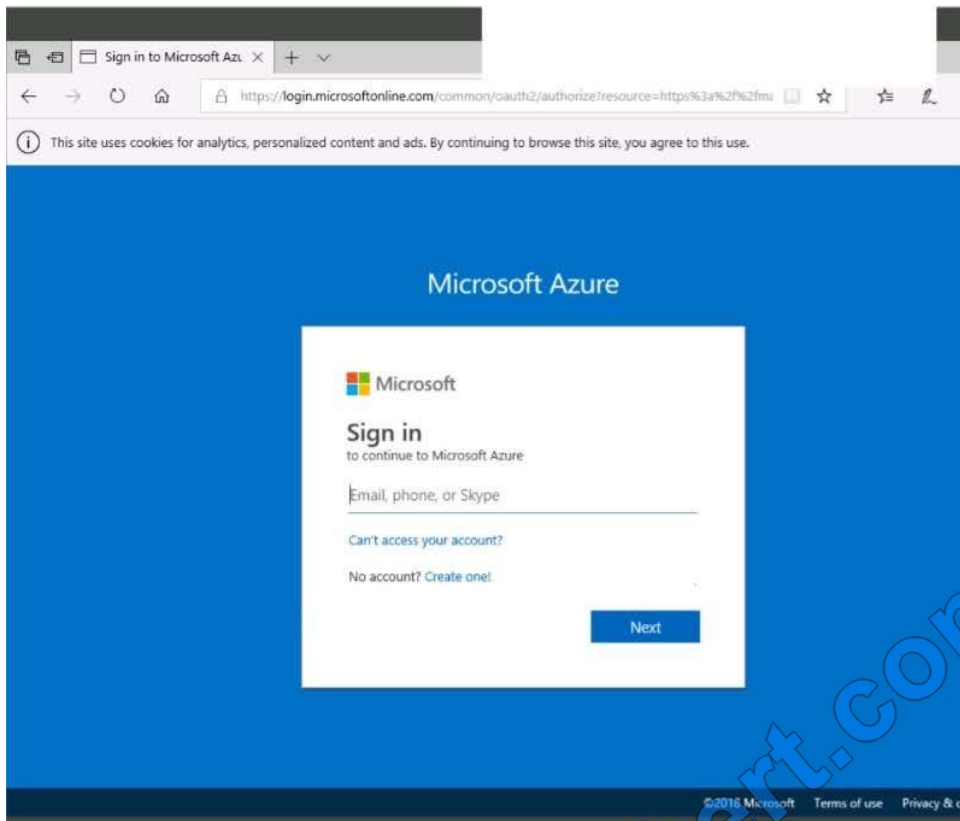VMC cannot be migrates as the Data disk on VMC is larger than 4TB.

References:

https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-support-matrix#azure-vm-requirements

QUESTION 10

SIMULATION

Click to expand each objective. To connect to the Azure portal, type https://portal.azure.com in the browser address bar.

Home > Storage accounts > Create storage account

Create storage account

✓ Validation passed

Basics   Advanced   Tags   **Review + create**

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

[Create]   [Previous]   [Next]   Download a template for automation

---

Home > Storage accounts > Create storage account

Create storage account

▪▪▪ Submitting deployment...
Submitting the deployment template for resource 'corpdatalod7523690'.

Basics   Advanced   Tags   **Review + create**

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdatalod7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Home > Microsoft.StorageAccount-20181011170335 - Overview

Microsoft.StorageAccount-20181011170335 - Overview
Deployment

🔍 Search (Ctrl+/)   «   🗑 Delete   ⊘ Cancel   ⬆ Redeploy   ↻ Refresh

🔧 Overview
≡ Outputs
🖥 Inputs
📄 Template

▪▪ **Your deployment is underway**

Check the status of your deployment, manage resources, or troubleshoot deployment issues. Pin this page to your dashboard to easily find it next time.

Deployment
name: Microsoft.StorageAccount-20181011170335
Subscription: Microsoft AZ-100 5
Resource group: corpdatalod7523690

DEPLOYMENT DETAILS (Download)

Start time: 10/11/2018 5:04:06 PM
Duration: 17 seconds
Correlation ID: bd0806a4-d1bd-42db-be6b-55e0ec38f49b

RESOURCE	TYPE	STATUS	OPERATI...

No results.

Home > Virtual machines > Create a virtual machine

Create a virtual machine

⚠ Validation failed. Required information is missing or not valid.

Basics ●   Disks   Networking   Management   Guest config   Tags   Review + create

PRODUCT DETAILS

Ubuntu Server 18.04 LTS

by Canonical

Terms of use | Privacy policy

Standard D2s v3

by Microsoft

Terms of use | Privacy policy

Pricing not available for this offering
View Pricing details for more information.

Subscription credits apply ⓘ

0.0960 USD/hr

Pricing for other VM sizes

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the Azure Marketplace Terms for additional details.

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Overview

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design.

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Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

You plan to connect several virtual machines to the VNET01-USEA2 virtual network.

In the Web-RGlod8322489 resource group, you need to create a virtual machine that uses the Standard_B2ms size named Web01 that runs Windows Server 2016. Web01 must be added to an availability set.

What should you do from the Azure portal?

Correct Answer:

QUESTION 11

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

You have an existing Azure AD conditional access policy named Policy1. Policy1 enforces the use of Azure AD-joined devices when members of the Global Administrators group authenticate to Azure AD from untrusted locations.

You need to ensure that members of the Global Administrators group will also be forced to use multi-factor authentication when authenticating from untrusted locations.

What should you do?

A. From the Azure portal, modify session control of Policy1.

B. From multi-factor authentication page, modify the user settings.

C. From multi-factor authentication page, modify the service settings.

D. From the Azure portal, modify grant control of Policy1.

Correct Answer: D

QUESTION 12

HOTSPOT

Your company runs several Windows and Linux virtual machines (VMs).

You must design a solution that implements data privacy, compliance, and data sovereignty for all storage uses in Azure. You plan to secure all Azure storage accounts by using Role-Based Access Controls (RBAC) and Azure Active

Directory (Azure AD).

You need to secure the data used by the VMs.

Which solution should you use? To answer, select the appropriate solutions in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

VM data	Solution
Boot and data volume	▼
	Azure Storage Service Encryption
	Azure Disk Encryption
	Azure Information Protection
	Azure AD
Data written to Azure Storage	▼
	Azure Storage Service Encryption
	Azure Disk Encryption
	Shared Access Signature (SAS)
	Network Security Group (NSG)
Encryption keys and secrets	▼
	Azure Storage Service Encryption
	Azure Disk Encryption
	Azure Key Vault
	Azure Security Center

Correct Answer:

Answer Area

VM data	Solution
Boot and data volume	Azure Storage Service Encryption / **Azure Disk Encryption** / Azure Information Protection / Azure AD
Data written to Azure Storage	**Azure Storage Service Encryption** / Azure Disk Encryption / Shared Access Signature (SAS) / Network Security Group (NSG)
Encryption keys and secrets	Azure Storage Service Encryption / Azure Disk Encryption / **Azure Key Vault** / Azure Security Center

References: https://docs.microsoft.com/en-us/azure/security/security-storage-overview

QUESTION 13

You create the following Azure role definition.

{

"Name": "Role1",

"Id": "80808080-8080-8080-8080-808080808080",

IsCustom : false,

"Description": "",

"Actions" : [

"Microsoft.Storage/*/read",

"Microsoft.Network/*/read",

"Microsoft.Compute/*/read",

"Microsoft.Compute/virtualMachines/start/action",

"Microsoft.Compute/virtualMachines/restart/action",

"Microsoft.Authorization/*/read"],

"NotActions": [],

"DataActions": [],

"NotDataActions": [],

"AssignableScopes": []

}

You need to create Role1 by using the role definition.

Which two values should you modify before you create Role1? Each correct answer presents part of solution.

NOTE: Each correct selection is worth one point.

A. IsCustom

B. DataActions

C. Id

D. AssignableScopes

E. Description

Correct Answer: AD

Part of example:

"IsCustom": true,

"AssignableScopes": [

"/subscriptions/{subscriptionId1}",

"/subscriptions/{subscriptionId2}",

"/subscriptions/{subscriptionId3}"

The following shows what a custom role looks like as displayed in JSON format. This custom role can be used for monitoring and restarting virtual machines.

{

"Name": "Virtual Machine Operator",

"Id": "88888888-8888-8888-8888-888888888888",

"IsCustom": true,

"Description": "Can monitor and restart virtual machines.",

"Actions": [

"Microsoft.Storage/*/read",

"Microsoft.Network/*/read",

"Microsoft.Compute/*/read",

"Microsoft.Compute/virtualMachines/start/action",

"Microsoft.Compute/virtualMachines/restart/action",

"Microsoft.Authorization/*/read",

"Microsoft.ResourceHealth/availabilityStatuses/read",

"Microsoft.Resources/subscriptions/resourceGroups/read",

"Microsoft.Insights/alertRules/*",

"Microsoft.Insights/diagnosticSettings/*",

"Microsoft.Support/*"

],

"NotActions": [],

"DataActions": [],

"NotDataActions": [],

"AssignableScopes": [

"/subscriptions/{subscriptionId1}",

"/subscriptions/{subscriptionId2}",

"/subscriptions/{subscriptionId3}"

]

}

References:

https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles

QUESTION 14

HOTSPOT

You have Azure subscription that contains a virtual network named VNet1. VNet1 uses an IP address space of 10.0.0.0/16 and contains the subnets in the following table.

Name	IP address range
Subnet0	10.0.0.0/24
Subnet1	10.0.1.0/24
Subnet2	10.0.2.0/24
GatewaySubnet	10.0.254.0/24

Subnet1 contains a virtual appliance named VM1 that operates as a router.

You create a routing table named RT1.

You need to route all inbound traffic to VNet1 through VM1.

How should you configure RT1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Address prefix

10.0.0.0/16
10.0.1.0/24
10.0.254.0/24

Next hop type:

Virtual appliance
Virtual network
Virtual network gateway

Assigned to:

GatewaySubnet
Subnet0
Subnet1 and Subnet2

Correct Answer:

Answer Area

Address prefix
| 10.0.0.0/16 |
| 10.0.1.0/24 |
| 10.0.254.0/24 |

Next hop type:
| Virtual appliance |
| Virtual network |
| Virtual network gateway |

Assigned to:
| GatewaySubnet |
| Subnet0 |
| Subnet1 and Subnet2 |

QUESTION 15

You have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a VM named DevWorkstation. DevWorkstation is connected to a subnet in a Virtual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must connect to Dev Server only through Dev Workstation. To maintain security, Dev Server must not accept connections from the internet. You need to create a private connection between the Dev Workstation and Dev Server.

Dev Workstation using their private IP addresses.

Does the solution meet the goal?

A. Yes

B. NO

Correct Answer: A

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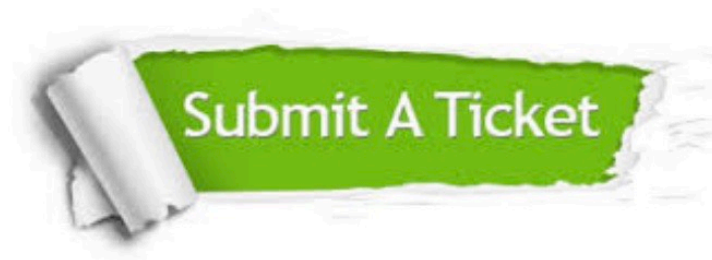
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