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- A. In Azure AD, create a role.
- B. In Azure Key Vault, create a key.
- C. In Azure Key Vault, create an access policy.
- D. In Azure AD, enable Azure AD Application Proxy.

Correct Answer: A

Explanation:

Azure Key Vault provides a way to securely store credentials and other keys and secrets, but your code needs to authenticate to Key Vault to retrieve them.

Managed identities for Azure resources overview makes solving this problem simpler, by giving Azure services an automatically managed identity in Azure Active Directory (Azure AD). You can use this identity to authenticate to any service that supports Azure AD authentication, including Key Vault, without having any credentials in your code.

Example:

How a system-assigned managed identity works with an Azure VM

After the VM has an identity, use the service principal information to grant the VM access to Azure resources.

To call Azure Resource Manager, use role-based access control (RBAC) in Azure AD to assign the appropriate role to the VM service principal. To call Key Vault, grant your code access to the specific secret or key in Key Vault.

References:

<https://docs.microsoft.com/en-us/azure/key-vault/quick-create-net>

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview>

QUESTION 5

HOTSPOT

You create a new Azure subscription that is associated to a new Azure Active Directory (Azure AD) tenant.

You create one active conditional access policy named Portal Policy. Portal Policy is used to provide access to the Microsoft Azure Management cloud app.

The Conditions settings for Portal Policy are configured as shown in the Conditions exhibit. (Click the Conditions tab.)

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Portal Policy	Conditions	Locations
<div>Info Delete</div> <div>Name Portal Policy</div> <div>Assignments Users and groups 1 All users Cloud apps 1 1 app included Conditions 1 1 condition selected</div> <div>Access controls Grant 2 2 controls selected Session 0 0 controls selected</div>	<div>Info</div> <div>Device platforms 1 Not configured</div> <div>Locations 1 1 included</div> <div>Client apps (preview) 1 Not configured</div> <div>Device state (preview) 1 Not configured</div>	<div>Control user access based on their physical location. Learn more</div> <div>Configure 1 Yes No</div> <div>Include Exclude <input type="radio"/> Any location <input type="radio"/> All trusted locations <input checked="" type="radio"/> Selected locations</div> <div>Select Contoso Contoso ...</div>

The Grant settings for Portal Policy are configured as shown in the Grant exhibit. (Click the Grant tab.)

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Portal Policy [X]

Info [i] Delete [X]

* Name
Portal Policy

Assignments

Users and groups [i]
All users

Cloud apps [i]
1 app included

Conditions [i]
1 condition selected

Access controls

Grant [i]
2 controls selected

Session [i]
0 controls selected

Grant [X]

Select the controls to be enforced.

☐ Block access

☒ Grant access

☒ Require multi-factor authentication [i]

☐ Require device to be marked as compliant [i]

☐ Require Hybrid Azure AD joined device [i]

☒ Require approved client app [i]
[See list of approved client apps](#)

For multiple controls

☐ Require all the selected controls

☒ Require one of the selected controls

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
Users from the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	<input type="radio"/>	<input type="radio"/>
Users from the Contoso named location must use multi-factor authentication (MFA) to access the web services hosted in the Azure subscription.	<input type="radio"/>	<input type="radio"/>
Users external to the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

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Statements	Yes	No
Users from the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	<input type="radio"/>	<input checked="" type="radio"/>
Users from the Contoso named location must use multi-factor authentication (MFA) to access the web services hosted in the Azure subscription.	<input checked="" type="radio"/>	<input type="radio"/>
Users external to the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 6

You have an Azure subscription named Sub1 that contains the virtual machines shown in the following table.

Name	Resource group
VM1	RG1
VM2	RG2
VM3	RG1
VM4	RG2

You need to ensure that the virtual machines in RG1 have the Remote Desktop port closed until an authorized user requests access.

What should you configure?

- A. Azure Active Directory (Azure AD) Privileged Identity Management (PIM)
- B. an application security group
- C. Azure Active Directory (Azure AD) conditional access
- D. just in time (JIT) VM access

Correct Answer: D

Explanation:

Just-in-time (JIT) virtual machine (VM) access can be used to lock down inbound traffic to your Azure VMs, reducing exposure to attacks while providing easy access to connect to VMs when needed.

Note:

When just-in-time is enabled, Security Center locks down inbound traffic to your Azure VMs by creating an NSG rule. You select the ports on the VM to which inbound traffic will be locked down. These ports are controlled by the just-in-time solution.

When a user requests access to a VM, Security Center checks that the user has Role-Based Access Control (RBAC) permissions that permit them to successfully request access to a VM. If

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the request is approved, Security Center automatically configures the Network Security Groups (NSGs) and Azure Firewall to allow inbound traffic to the selected ports and requested source IP addresses or ranges, for the amount of time that was specified. After the time has expired, Security Center restores the NSGs to their previous states. Those connections that are already established are not being interrupted, however.

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time>

QUESTION 7

You company has an Azure subscription named Sub1. Sub1 contains an Azure web app named WebApp1 that uses Azure Application Insights. WebApp1 requires users to authenticate by using OAuth 2.0 client secrets.

Developers at the company plan to create a multi-step web test app that preforms synthetic transactions emulating user traffic to Web App1.

You need to ensure that web tests can run unattended.

What should you do first?

- A. In Microsoft Visual Studio, modify the .webtest file.
- B. Upload the .webtest file to Application Insights.
- C. Register the web test app in Azure AD.
- D. Add a plug-in to the web test app.

Correct Answer: B

QUESTION 8

HOTSPOT

You create an alert rule that has the following settings:

- Resource: RG1
- Condition: All Administrative operations
- Actions: Action groups configured for this alert rule: ActionGroup1
- Alert rule name: Alert1

You create an action rule that has the following settings:

- Scope: VM1
- Filter criteria: Resource Type = "Virtual Machines"
- Define on this scope: Suppression
- Suppression config: From now (always)
- Name: ActionRule1

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

Note: Each correct selection is worth one point.

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