```
A. if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault()
   **"SubscriptionValidation")
    return new JsonResult(new
      validationResponse = events[0]["validationCode"]
B. if (events[0]["eventType"].ToString() = = "SubscriptionValidation")
     return new JsonResult(new
       validationResponse = events[0]["validationCode"]
     });
   }
C if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() = =
   "SubscriptionValidation")
    return new JsonResult (new
       validationResponse = events[0]["data"]["validationCode"]
     });
   if (events[0]["subject"]. ToString() = = "SubscriptionValidation")
     return new JsonResult (new
        validationResponse = events[0]["data"]["validationCode"]
      });
    }
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: C

# Topic 3, Case Study 3

#### Overview

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York.

The Montreal office has 2.000 employees. The Seattle office has 1,000 employees- The New York office has 200 employees.

AH the resources used by Contoso are hosted on-premises.

Contoso creates a new Azure subscription. The Azure Active Directory (Azure AD) tenant uses a domain named contoso.onmicrosoftc.om. The tenant uses the PI pricing tier.

## **Existing Environment**

The network contains an Active Directory forest named contoso.com. All domain controllers are configured as DNS servers and host the contoso.com DNS zone.

Contoso has finance, human resources, sales, research, and information technology departments. Each department has an organizational unit (OU) that contains all the accounts of that respective department. All the user accounts have the department attribute set to their respective department. New users are added frequently.

Contoso.com contains a user named User 1.

All the offices connect by using private links.

Contoso has data centers in the Montreal and Seattle offices. Each data center has a firewall that can be configured as a VPN device.

All infrastructure servers are virtualized. The visualization environment contains the servers in the following table.

Name	Role	Contains virtual machine
Server1	VMWare vCenter server	VM1
Server2	Hyper-V host	VM2

Contoso uses two web applications named App1 and App2. Each instance on each web application requires 1 GB of memory. The Azure subscription contains the resources in the following table.

Name	Туре
VNet1	Virtual network
VM3	Virtual machine
VM4	Virtual machine

The network security team implements several network security groups (NSGs)

## **Planned Changes**

Contoso plans to implement the following changes:

Deploy Azure ExpressRoute to the Montreal office.

- Migrate the virtual machines hosted on Server1 and Server2 to Azure.
- Synchronize on-premises Active Directory to Azure Active Directory (Azure AD).
- Migrate App1 and App2 to two Azure web apps named WebApp1and WebApp2.

#### **Technical Requirements**

Contoso must meet the following technical requirements:

- Ensure that WebApp1 can adjust the number of instances automatically based on the load and can scale up to five instances.
- Ensure that VM3 can establish outbound connections over TCP port 8080 to the applications servers in the Montreal office.
- Ensure that routing information is exchanged automatically between Azure and the routers in the Montreal office.
- Enable Azure Multi-Factor Authentication (MFA) for the users in the finance department only.
- Ensure that webapp2.azurewebsites.net can be accessed by using the name app2.contoso.com.
- Connect the New York office to VNet1 over the Internet by using an encrypted connection
- Create a workflow to send an email message when the settings of VM4 are modified.
- Create a custom Azure role named Role1 that is based on the Reader role
- Minimize costs whenever possible.

### **QUESTION 1**

You need to recommend a solution to automate the configuration for the finance department users. The solution must meet the technical requirements. What should you include in the recommendation?

- A. an Azure logic app and the Microsoft Identity Management (MIM) client
- B. Azure AD Identity Protection
- C. dynamic groups and conditional access policies
- D. Azure AD B2C

# Correct Answer: C Explanation:

Scenario:

Ensure Azure Multi-Factor Authentication (MFA) for the users in the finance department only.

The recommendation is to use conditional access policies that can then be targeted to groups of users, specific applications, or other conditions.

## References:

https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-userstates

## **QUESTION 2**

You need to configure a host name for WebApp2. What should you do first?

- A. In Azure AD, add contoso.com as a custom domain name
- B. In the public DNS zone of contoso.onmicrosoft.com, add an NS record
- C. In Azure AD, add webapp2.azurewebsites.net as a custom domain name
- D. In the public DNS zone of contoso.com, add a CNAME record

Correct Answer: C Explanation:
Scenario:

Ensure that webapp2.azurewebsites.net can be accessed by using the name app2.contoso.com

When you create a Cloud Service, Azure assigns it to a subdomain of cloudapp.net. For example, if your Cloud Service is named "contoso", your users will be able to access your application on a URL like http://contoso.cloudapp.net. Azure also assigns a virtual IP address.

However, you can also expose your application on your own domain name, such as contoso.com.

#### References:

https://docs.microsoft.com/en-us/azure/cloud-services/cloud-services-custom-domain-name-portal

#### **QUESTION 3**

HOTSPOT

You need to prepare the environment to implement the planned changes for Server2.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

From the Azure portal:

Create an Azure Migrate project
Create a Recovery Services vault
Upload a management certificate
Create an Azure Import/Export job

On Server2:

Enable Hyper-V Replica
Install the Azure File Sync agent
Create a collector virtual machine
Configure Hyper-V storage migration
Install the Azure Site Recovery Provider

**Correct Answer:** 

From the Azure portal:

Create an Azure Migrate project
Create a Recovery Services vault
Upload a management certificate
Create an Azure Import/Export job

On Server2:

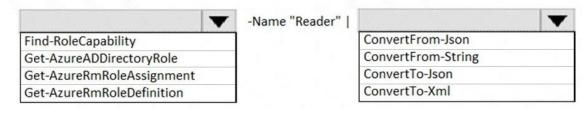
Enable Hyper-V Replica
Install the Azure File Sync agent
Create a collector virtual machine
Configure Hyper-V storage migration
Install the Azure Site Recovery Provider

## **QUESTION 4**

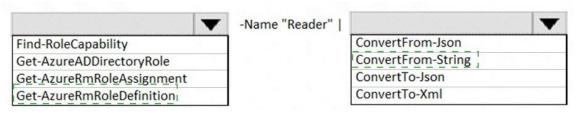
**HOTSPOT** 

You need to implement Role1.

Which command should you run before you create Role1? To answer, select the appropriate options in the answer area.



## **Correct Answer:**



#### **QUESTION 5**

You discover that VM3 does NOT meet the technical requirements.

You need to verify whether the issue relates to the NSGs.

What should you use?

- A. Diagram in VNet1
- B. Diagnostic settings in Azure Monitor