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Exam : **AZ-800**

Title : Administering Windows
Server Hybrid Core
Infrastructure

Version : DEMO

1. Topic 1, Contoso Ltd

Overview

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more Information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements, if the case study has an All Information tab. Note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

AD DS Environment

The network contains an on-premises Active Directory Domain Services (AD DS) forest named contoso.com. The forest contains two domains named contoso.com and canada.contoso.com. The forest contains the domain controllers shown in the following table.

| Name | Domain | Active Directory site |
|------|--------------------|-----------------------|
| DC1 | contoso.com | Seattle |
| DC2 | contoso.com | Los Angeles |
| DC3 | canada.contoso.com | Montreal |
| DC4 | contoso.com | Montreal |
| DC5 | canada.contoso.com | Seattle |

All the domain controllers are global catalog servers.

Server Infrastructure

The network contains the servers shown in the following table.

| Name | Organizational unit (OU) | Server role | Domain | Active Directory site |
|---------|--------------------------|-------------|--------------------|-----------------------|
| Server1 | Member Servers | None | canada.contoso.com | Montreal |
| Server2 | Member Servers | Hyper-V | canada.contoso.com | Montreal |
| Server3 | Member Servers | None | canada.contoso.com | Montreal |

A server named Server4 runs Windows Server and is in a workgroup. Windows Firewall on Server4 uses the private profile.

Server2 hosts three virtual machines named VM1, VM2, and VM3.

VM3 is a file server that stores data in the volumes shown in the following table.

| Name | File system |
|------|-------------|
| C | NTFS |
| D | NTFS |
| E | ReFS |
| F | ExFAT |

Group Policies

The contoso.com domain has the Group Policies Objects (GPOs) shown in the following table.

| Name | Minimum password length | Linked to |
|-----------------------|-------------------------|----------------|
| GPO1 | 14 | OU1 |
| GPO2 | 8 | Member Servers |
| Default Domain Policy | 10 | contoso.com |

Existing Identities

The forest contains the users shown in the following table.

| Name | In OU | Member of |
|----------------|-------------|---------------------------|
| Contoso\Admin1 | Contoso\OU1 | Contoso\Enterprise Admins |
| Contoso\Admin2 | Contoso\OU1 | Contoso\Domain Admins |
| Canada\Admin3 | Canada\OU2 | Canada\Domain Admins |
| Contoso\User1 | Contoso\OU3 | Contoso\Domain Users |

The forest contains the groups shown in the following table.

| Name | Domain | Type |
|--------|--------------------|---------------------------------|
| Group1 | contoso.com | Universal security group |
| Group2 | contoso.com | Global security group |
| Group3 | contoso.com | Domain local security group |
| Group4 | canada.contoso.com | Global distribution group |
| Group5 | canada.contoso.com | Global distribution group |
| Group6 | canada.contoso.com | Domain local distribution group |

Current Problems

When an administrator signs in to the console of VM2 by using Virtual Machine Connection, and then disconnects from the session without signing out another administrator can connect to the console session as the currently signed-in user.

Requirements

Contoso identifies the following technical requirements:

- Change the replication schedule for all site links to 30 minutes.
- Promote Server1 to a domain controller in canada.contoso.com.
- Install and authorize Server3 as a DHCP server.
- Ensure that User1 can manage the membership of all the groups in Contoso\OU3.

- Ensure that you can manage Server4 from Server1 by using PowerShell removing.
- Ensure that you can run virtual machines on VM1.
- Force users to provide credentials when they connect to VM2.
- On VM3, ensure that Data Deduplication on all volumes is possible.

You need to meet the technical requirements for Server1.

Which users can currently perform the required tasks?

- A. Admin1 only
- B. Admin3 only
- C. Admin1 and Admin3 only
- D. Admin1 Admin2. and Admm3

Answer: C

2.You need to meet the technical requirements for the site links.

Which users can perform the required tasks?

- A. Admin1 only
- B. Admin1 and Admin3 only
- C. Admin1 and Admin2 only
- D. Admin3 only
- E. Admin1, Adrrun2. and Admin3

Answer: C

Explanation:

Membership in the Enterprise Admins group or the Domain Admins group in the forest root domain is required.

3.HOTSPOT

You need to meet the technical requirements for VM1.

Which cmdlet should you run first? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

| | |
|---|---|
| ▼ VM1 | ▼ \$true |
| <div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">Set-VM</div> <div style="position: absolute; top: 20px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">Set-VMBios</div> <div style="position: absolute; top: 40px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">Set-VMHost</div> <div style="position: absolute; top: 60px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">Set-VMFirmware</div> <div style="position: absolute; top: 80px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">Set-VMProcessor</div> </div> | <div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">-NewVMName</div> <div style="position: absolute; top: 20px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">-GuestControlledCacheTypes</div> <div style="position: absolute; top: 40px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">-EnableHostResourceProtection</div> <div style="position: absolute; top: 60px; left: 0; right: 0; background-color: #f0f0f0; padding: 2px;">-ExposeVirtualizationExtensions</div> </div> |

Answer:

| | ▼ VM1 | ▼ \$true |
|-----------------|-------|---------------------------------|
| Set-VM | | -NewVMName |
| Set-VMBios | | -GuestControlledCacheTypes |
| Set-VMHost | | -EnableHostResourceProtection |
| Set-VMFirmware | | -ExposeVirtualizationExtensions |
| Set-VMProcessor | | |

4.You need to meet the technical requirements for VM3

On which volumes can you enable Data Deduplication?

- A. D and E only
- B. C, D, E, and F
- C. D only
- D. C and D only
- E. D, E, and F only

Answer: A

Explanation:

Reference: <https://docs.microsoft.com/en-us/windows-server/storage/data-deduplication/interop>

5.HOTSPOT

Which groups can you add lo Group3 and Groups? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

Answer Area

Group3:

- ☐ Group6 only
- ☐ Group1 and Group2 only
- ☐ Group1 and Group4 only
- ☐ Group1, Group2, Group4, and Group5 only
- ☐ Group1, Group2, Group4, Group5, and Group6

Group5:

- ☐ Group1 only
- ☐ Group4 only
- ☒ Group6 only
- ☐ Group2 and Group4 only
- ☐ Group4 and Group6 only

Answer:

Answer Area

Group3:

- ☒ Group6 only
- ☒ Group1 and Group2 only
- ☒ Group1 and Group4 only
- ☐ Group1, Group2, Group4, and Group5 only
- ☐ Group1, Group2, Group4, Group5, and Group6

Group5:

- ☐ Group1 only
- ☒ Group4 only
- ☒ Group6 only
- ☐ Group2 and Group4 only
- ☐ Group4 and Group6 only