

# Microsoft 70-694 Exam

**Volume: 60 Questions**

## **Testlet 1**

### **Overview**

Fabrikam, Inc. is an advertising company that has 100 employees. The company has managers and has users in the sales department, the telemarketing department, and the graphic art department.

Fabrikam plans to purchase a company named Contoso, Ltd.

Fabrikam has a single office in New York City.

### **Existing Environment**

#### **Active Directory Environment**

The network contains one Active Directory forest named fabrikam.com. The forest contains a single domain. All servers run Windows Server 2012 R2 and are members of Active Directory. All client computers, except for the computers in the telemarketing department are Active Directory members.

A user named User1 is a member of the Enterprise Admins group. A user named User2 always is added to the local Administrators group on all of the client computers in the forest.

#### **Current Network and Computer Environment**

Fabrikam has the following servers:

Two domain controllers

A server named Server2

A deployment server named Server1

Two file servers named Server3 and Server4

Two DHCP servers, one of which is also a Key Management Service (KMS) server

Two servers that have Microsoft SQL Server installed and are configured in a failover cluster  
Server1 has the Microsoft Deployment Toolkit (MDT) 2013 installed and the Windows Deployment Services server role installed. The Windows Deployment

Services (WDS) server has an install image named Deployment1

Server3 has a file share named Store. Server3 will be used only to store data for computer migrations.

Server4 has a file share named Software. Microsoft Office Professional Plus 2013 is copied to the Software share. Server4 stores Image1.wim and Image2.wim files. Both WIM files contain generalized images of Windows 8.1 Pro and Windows 8.1 Enterprise.

Remote users cannot establish a VPN connection to the company network.

#### **Types of Users**

Fabrikam has the users shown in the following table.

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User department	Notes
Sales	The users in the sales department visit customers daily. They work from home and visit the office at least once per year.
Telemarketing	The users in the telemarketing department work from home and use a client computer that runs Windows 7 or later.
Managers	The managers work from the office and use client computers that run Windows 7.
Graphic art	The users in the graphic art department work from the office. They use workstations that run Windows 8.1 Enterprise.

The telemarketing department users use their own Windows client computers. Other users use company-owned computers.

All of the users who work from home have a fast and reliable Internet connection.

### Client Computer Operating Systems

Fabrikam users use the following Windows client operating systems on company-owned computers:

64-bit version of Windows 7 Enterprise

32-bit version of Windows 7 Professional

64-bit version of Windows 7 Professional

64-bit version of Windows 8 Pro

64-bit version of Windows 8 Enterprise

64-bit version of Windows 8.1 Pro

64-bit version of Windows 8.1 Enterprise

All of the operating systems are purchased through a volume licensing agreement.

The Telemarketing department users have client computers that run either a 32-bit or a 64-bit operating system.

### Requirements

#### Business Goals

Fabrikam plans to purchase Contoso and to integrate the new company into the Active Directory forest.

As much as possible, Fabrikam plans to minimize the costs associated with purchasing hardware and software.

#### Planned Changes

Fabrikam plans to implement the following changes to the network:

Use MDT on Server2.

Migrate client computers that run Windows 7 to Windows 8.1 Enterprise.

Add one Active Directory domain named contoso.com to the fabrikam.com forest.

Deploy a newly purchased 64-bit application named App1 to all of the telemarketing department users.

#### Technical Requirements

Fabrikam identifies the following technical requirements for the planned deployment:

For administrative tasks, always use the account that has the least amount of privileges.

Install Office Professional Plus 2013 on the managers' client computers.

Use the Microsoft Assessment and Planning (MAP) Toolkit to collect computer performance

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information.

Update an image in Image1.wim to include several Windows patches.

Minimize administrative effort, whenever possible.

### **Application Requirements**

Fabrikam identifies the following application requirements:

Ensure that the telemarketing department users can run App1. When App1 is updated, ensure that the users can run the updated version of App1 as soon as it is available.

Ensure that MDT on Server1 and Server2 uses a centralized repository of deployment configuration settings.

Automate the deployment of Office Professional Plus 2013. The deployment will include a custom dictionary.

### **Performance Requirements**

Fabrikam identifies the following performance requirements:

After the client computers from the Contoso network are migrated to the new domain, ensure that performance data is collected from the migrated computers.

Ensure that Server3 has sufficient storage.

### **Image Requirements**

Fabrikam identifies the following image requirements:

For each operating system version currently deployed to the client computers on the Fabrikam network, create a custom image.

Include an answer file that will be processed when applying images from Image1.wim.

Create a multicast transmission for Deployment1.

Add an additional image to the Image2.wim file.

Question No: 1

You need to meet the image requirements for Image1.wim.

To which folder should you copy the answer file in Image1.wim?

A. Windows\System32\Sysprep

B. Windows\System

C. Windows\System32\Setup

D. Windows

Answer: A

Explanation:

References:

[https://technet.microsoft.com/en-gb/library/cc749415\(v=ws.10\).aspx](https://technet.microsoft.com/en-gb/library/cc749415(v=ws.10).aspx)

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### Question No: 2 HOTSPOT

You are planning the storage for Server3 to meet the performance requirements.

You need to identify whether Servers has sufficient storage.

What command should you run on the Windows 7 computers? To answer, select the appropriate options in the answer area.

Answer Area

dir.exe	\\Server3\Store /p:file1.xml
dism.exe	/verify:all C:\Users   file1.txt
scanstate.exe	/O:S /S \\Server3\CS\Users   file1.txt
usmtutils.exe	

Answer:

Answer Area

dir.exe	\\Server3\Store /p:file1.xml
dism.exe	/verify:all C:\Users   file1.txt
scanstate.exe	/O:S /S \\Server3\CS\Users   file1.txt
usmtutils.exe	

Explanation:

References:

[https://technet.microsoft.com/en-GB/library/dd560770\(v=ws.10\).aspx#BKMK\\_calcDiskSpace](https://technet.microsoft.com/en-GB/library/dd560770(v=ws.10).aspx#BKMK_calcDiskSpace)

### Question No: 3

You need to meet the application requirements for Server1 and Server2.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Create a selection profile.
- B. Create a deployment database.
- C. Create a linked deployment share.
- D. Modify the deployment share properties.
- E. Create a new image group.

Answer: BD

### Question No: 4

Which software should you install on Server2 to support the planned changes?

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- A. SQL Server 2012 Express
- B. WDS
- C. Windows Assessment and Deployment Kit (Windows ADK)
- D. Microsoft .NET Framework 3.5

Answer: C

Explanation:

References:

<https://www.microsoft.com/en-us/download/details.aspx?id=48595>

Question No: 5

You need to configure Image2.wim to meet the image requirements.

What command should you run from Windows PE? To answer, select the appropriate options in the answer area.

Answer Area

Dism.exe	/append-Image /ImageFile:Image2.wim /CaptureDir:d:\ /Name:"Windows Image"
ImageX.exe	/Capture d:\ Image2.wim "Windows image"
New-WindowsImage	/Capture-Image /ImageFile:Image2.wim /CaptureDir:d:\ /Name:"Windows image"
	-ImagePath e:\Image2.wim -CapturePath d:\ -Name "Windows Image"

Answer:

Answer Area

Dism.exe	/append-Image /ImageFile:Image2.wim /CaptureDir:d:\ /Name:"Windows Image"
ImageX.exe	/Capture d:\ Image2.wim "Windows image"
New-WindowsImage	/Capture-Image /ImageFile:Image2.wim /CaptureDir:d:\ /Name:"Windows image"
	-ImagePath e:\Image2.wim -CapturePath d:\ -Name "Windows Image"

Explanation:

References:

<https://technet.microsoft.com/en-us/library/hh824916.aspx>

Question No: 6

You need to meet the application requirements for the client computers of the managers.

What should you do?

- A. Create a customization file named Custom.msp. Copy Custom.msp to \\Server4\Software\Updates. Run \\Server4\Software\Setup.exe without specifying any parameters.

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- B. Create a customization file named Custom.xml. Copy Custom.xml to \\Server4\Software\Proplus.wv. Run \\Server4\Software\Setup.exe without specifying any parameters.
- C. Create a customization file named Custom.xml. Copy Custom.xml to \\Server4\Software\Updates. Run \\Server4\Software\Setup.exe without specifying any parameters.
- D. Create a customization file named Answer.xml. Copy Answer.xml to the managers' computers. Run \\Server4\Software\Setup.exe and specify the /admin parameter.

Answer: A

Explanation:

References:

[https://technet.microsoft.com/en-gb/library/cc178960.aspx#BKMK\\_CreateNIP](https://technet.microsoft.com/en-gb/library/cc178960.aspx#BKMK_CreateNIP)

Question No: 7

After the planned migration, you need to gather data from the client computers on the Contoso network.

Which is the best account to use to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Fabrikam\Administrator
- B. Contoso\Administrator
- C. Fabrikam\User2
- D. Fabrikam\User1

Answer: C

Question No: 8

You need to deploy App1.

How should you install App1?

- A. as a Microsoft Application Virtualization (App-V) package
- B. as a RemoteApp program
- C. locally

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D. on a Client Hyper-V virtual machine

Answer: B

### Question No: 9 DRAG DROP

You need to meet the technical requirements for Image1.wim.

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
Apply the image.	
Generalize the image.	
Run <b>msiexec.exe</b> for each update.	
Run <b>dism.exe</b> for each update.	
Mount the image.	
Unmount the image.	
Capture the image	

Navigation arrows: Right arrow between rows 3-4, Left arrow between rows 4-5, Up arrow between rows 3-4, Down arrow between rows 4-5.

Answer:

Actions	Answer Area
Apply the image.	Mount the image.
Generalize the image.	Run <b>dism.exe</b> for each update.
Run <b>msiexec.exe</b> for each update.	Unmount the image.
Capture the image	

Navigation arrows: Right arrow between rows 3-4, Left arrow between rows 4-5, Up arrow between rows 3-4, Down arrow between rows 4-5.

### Question No: 10 HOTSPOT

You need to identify the minimum number of images required to meet the image requirements for Fabrikam.

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How many images should you identify? To answer, select the appropriate number of images for each operating system in the answer area.

Answer Area

Windows 7:	<input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/>
Windows 8:	<input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/>
Windows 8.1:	<input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/>

Answer:

Answer Area

Windows 7:	<input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="2"/> <input checked="" type="text" value="3"/>
Windows 8:	<input type="text" value="0"/> <input type="text" value="1"/> <input checked="" type="text" value="2"/>
Windows 8.1:	<input type="text" value="0"/> <input type="text" value="1"/> <input checked="" type="text" value="2"/>

### Testlet 2

#### Overview

##### General Overview

Proseware Inc., is a manufacturing company that has 3,000 employees. The company has a sales department a marketing department, a research department, a customer service department, and a human resources department.

##### Physical Locations

Proseware has two main offices and five branch offices. The main offices are located in New York City and Paris. The branch offices are located throughout North America.

All offices have a high-speed connection to the Internet. The offices connect to each other through the Internet by using VPN appliances.

##### Existing Environment

##### Active Directory

The network contains two Active Directory forests named na.proseware.com and fr.proseware.com. Each forest contains a single domain. All domain controllers run Windows Server 2012 R2.



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The main office in New York City and all the branch offices each contain a domain controller for the na.proseware.com forest. The main office in Paris contains domain controllers for the fr.proseware.com forest only.

Due to legal requirements, the na.proseware.com and fr.proseware.com forests must remain separate. Administrators from each forest are allowed to manage the resources in their respective forest only.

Users from all of the departments are located in each office. Users in the research department store their research data in local folders on their computer. The data can be up to 100 GB on each computer.

Each office is configured as an Active Directory site. All of the domain controllers are configured as DNS servers. All of the client computers are configured to connect to the DNS servers in their respective office only. All of the domain controllers are configured as DHCP servers.

### **New York Office**

The computers in the New York City office are managed by using Microsoft System Center 2012 R2 Configuration Manager. The New York City office has the following servers and client computers:

- A Key Management Service (KMS) server host

- Client computers that run Windows 7 and Microsoft Office 2010

- Five file servers that host multiple shared folders and run Windows Server 2012 R2

- A server that runs Windows Server 2012 R2 and is configured as a Configuration Manager site server

### **Branch Offices**

Each branch office has the following servers and client computers:

- Client computers that run Windows 7 and Office 2010

- A file server that hosts multiple shared folders and runs Windows Server 2012 R2

Currently, the branch offices are not managed by using the Configuration Manager deployment in the New York City office.

### **Paris Offices**

The Paris office has the following servers and client computers:

- Client computers that run Windows 7 and Office 2010

- Five file servers that host multiple shared folders and run Windows Server 2012 R2

Currently, the activation of the client computers in the Paris office is performed manually.

### **Deployments**

Currently, all new client computers are shipped initially to and imaged in the New York City office, and then shipped to the other offices. There are multiple images for both 32-bit and 64-bit computers. The images contain specific drivers for each type of computer. All of the computers are PXE-compatible.

If a client computer must be reimaged, the reimaging is performed locally at each office by using a boot disk and a USB hard drive that contains multiple images.

USB hard drives storing updated images are sent to each office every six months.

### **Applications**

A third-party desktop application named App1 is used by the sales department.

All of the users in the human resources department use an application named HR1. HR1 is

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installed by using a Windows Installer (MSI) package. HR1 is compatible with Windows 7 only.

### **Problem Statements**

Proseware identifies the following issues:

Users in the branch offices report that it can take up to four weeks to receive a requested new client computer, which is too long.

If a client computer must be reimaged, it can take several hours before the computer is ready for use again due to the updates that must be applied.

Currently, the hardware used for the client computers in the Paris office is undocumented. All of the computers in the customer service department and the research department were replaced during the past year.

### **Requirements**

#### **Business Goals**

As much as possible, Proseware plans to minimize the costs associated with purchasing hardware and software.

#### **Planned Changes**

Proseware plans to deploy a new version of its standard operating environment (SOE). The new SOE will contain the following:

A volume license edition of Windows 8.1 Enterprise (64-bit)

A volume license edition of Office 2013 (32-bit)

A new line-of-business Windows Store app named App2 will be deployed. App2 will be used by all users.

New client computers will be delivered directly from the hardware vendor to each office. As a result, Proseware plans to change the imaging process.

#### **Technical Requirements**

Proseware identifies the following technical requirements:

Minimize the size of desktop images.

Centralize the activation of all the client computers.

Minimize the amount of network traffic over the VPN.

Minimize the number of desktop images that must be maintained.

Ensure that only the users in the human resources department can access HR1.

Ensure that the data of the research department users is retained while deploying the new image.

Minimize the amount of time it takes to upgrade the research department computers in the Paris office.

Ensure that a branch office administrator can deploy a new image to new client computers with minimal delay.

Ensure that the French language is configured as the default language for the client computers in the Paris office.

A network technician will visit each client computer in the Paris office to start the operating system deployments.

Gather a detailed hardware inventory of all the client computers in the Paris office without installing any additional software on the computers.

Users in the research and customer service departments in the Paris office will have the new