Microsoft

70-416 PRACTICE EXAM

Implementing Desktop Application Environments

Total Questions: 56/2Case Study

Question: 1

Your company has a main office and 10 branch offices. Each branch office connects to the main office by using a low-bandwidth WAN link. All servers run Windows Server 2012. All client computers run Windows 8. You plan to deploy 20 new line-of-business applications to all of the client computers. You purchase 5,000 client licenses for the line-of-business applications. You need to recommend an application distribution solution. The solution must be able to meet the following requirements:
•   Download application installation files from a server in the local site.
•   Generate reports that contain information about the installed applications.
•   Generate administrative alerts when the number of installed applications exceeds the number of purchased licenses.
What should you include in the recommendation?
More than one answer choice may achieve the goal. Select the BEST answer.

A. Applications published as RemoteApp programs
B. Assigned applications by using Group Policy objects (GPOs)
C. Applications deployed by using Microsoft System Center 2012 Configuration Manager
D. Published applications by using Microsoft Application Virtualization (App-V) publishing servers

Answer: C

Question: 2

Your company has a main office and two branch offices. The branch offices connect to the main office by using a slow WAN link. You plan to deploy applications to all of the offices by using Microsoft Application Visualization (App-V) 5.0 streaming. You need to recommend the server placement for the planned infrastructure. What should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

A. In the main office, deploy a management server, a database server, and a publishing server. In the branch offices, deploy a publishing server.
B. In the main office, deploy a database server and a publishing server. In the branch offices, deploy a management server, a database server, and a publishing server.
C. In the main office, deploy a management server, a database server, and a publishing server. In the branch offices, deploy a database server.
D. In each office, deploy a management server, a database server, and a publishing server.

Answer: A

Question: 3

Your network contains an Active Directory domain named contoso.com. The domain contains 500 client computers that run Windows 8. You plan to deploy two applications named App1 and App2 to the client computers. App2 is updated by the application manufacturer every month. You need to recommend an application distribution strategy for the applications. The solution must meet the following requirements:
•   The executable files of App1 must NOT be stored on the client computers.

•   Users who run App2 must run the latest version of App2 only.
What should you recommend using to deploy the applications?

A. Microsoft Application Virtualization (App-V) in streaming mode
B. A Group Policy software distribution package that is published to the user accounts
C. Windows XP Mode
D. A Group Policy software distribution package that is assigned to the user accounts

Answer: A

Question: 4

Your network contains an Active Directory domain named contoso.com. All client computers run Windows 7. You plan to upgrade all of the client computers to Windows 8. You install the Microsoft Application Compatibility Toolkit (ACT) on a server named Server1. You configure Server1 to host the Log Processing Service shared folder, You need to recommend which permissions must be assigned to the Log Processing Service shared folder. The solution must provide the least amount of permissions to the shared folder. Which permissions should you recommend assigning to the Everyone group on the shared folder? (Each correct answer presents part of the solution. Choose all that apply.)

A. Write NTFS permissions
B. Read NTFS permissions
C. Change Share permissions
D. Read NTFS permissions and Execute NTFS permissions
E. Read Share permissions
F. Company

Answer: BD

Question: 5

Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2012. All client computers run Windows 8. The domain contains a Remote Desktop Services (RDS) infrastructure and a Microsoft Application Visualization (App-V) infrastructure. Domain users use version 1.0 of a third-party application named Appl. Version 2.0 of App1 is released. Version 1.0 and version 2.0 cannot be installed on the same client computer. You need to recommend a solution to ensure that the users can run both versions of App1 simultaneously. The solution must meet the following requirements:
•   Provide users with the ability to run App1 while they are disconnected from the corporate network.
•   Minimize the amount of disk space required.
What should you include in the recommendation?

A. Use App-V to sequence and publish version 2.0 of Appl.
B. Publish version 2.0 of App1 as a RemoteApp program.
C. Create a shim for version 2.0 of App1 by using the Microsoft Application Compatibility Toolkit (ACT).
D. Deploy version 2.0 of App1 on a virtual machine on the client computers.

Answer: A

Question: 6

Your network contains an Active Directory domain named contoso.com. All client computers run Windows 8 Enterprise. You plan to deploy Hyper-V to the client computers. You need to identify which hardware features the client computers must support to enable the Client Hyper-V feature. What should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

A. Hardware-assisted visualization
B. Hardware-enforced Data Execution Prevention (DEP)
C. Multipath I/O (MPIO)
D. Non-uniform memory access (NUMA)
E. Second Level Address Translation (SLAT)

Answer: ABC

Question: 7

You plan to deploy virtual desktops to the network. All of the virtual desktops will be based on a virtual machine template named Templatel.vhd. Templatel.vhd contains an application named Appl. You plan to deploy an update to App1 named Applupdate.msp. You need to recommend the appropriate deployment method to apply Applupdate.msp to Templatel.vhd. You want to achieve this goal by using the minimum amount of administrative effort. Which deployment method should you recommend?

A. Run dism.exe and specify the /mount-w\rr\ parameter and the /add-package parameter.
B. Start a virtual machine that uses Templatel.vhd. Install Applupdate.msp, and then generalize the virtual machine,
C. Mount Templatel.vhd, and then copy Applupdate.msp to the %Systemroot%\AppPatch folder.
D. Run diskpart.exe and specify the attach parameter. Run msiexec.exe and specify the /update parameter.

Answer: B

Question: 8

Your network contains multiple servers that run Windows Server 2012. The network contains a Windows Server Update Services (WSUS) infrastructure. On a server named Server1, you create and deploy images by using Microsoft Deployment Toolkit (MDT) 2012. You need to recommend a solution to ensure that the available updates are applied during the deployment of the image. What should you do?

A. From the WSUS Administration console, configure the personalization settings, and then create a computer group.
B. From Server1, edit the task sequence, and then modify the Customsettings.ini file.
C. From the WSUS Administration console, configure the personalization settings, and then configure the classifications.
D. From Server1, edit the task sequence, and then modify the Bootstrap.ini file.

Answer: A

Question: 9

HOTSPOT
Your network contains an Active Directory domain named contoso.com. You use a Group Policy object (GPO) named GP01 to deploy applications to the domain users. You need to create software categories that will be used to group the applications that are displayed in Programs and Features. Which setting in GPO1 should you configure?

To answer, select the appropriate node in Group Policy Management Editor in the answer area.
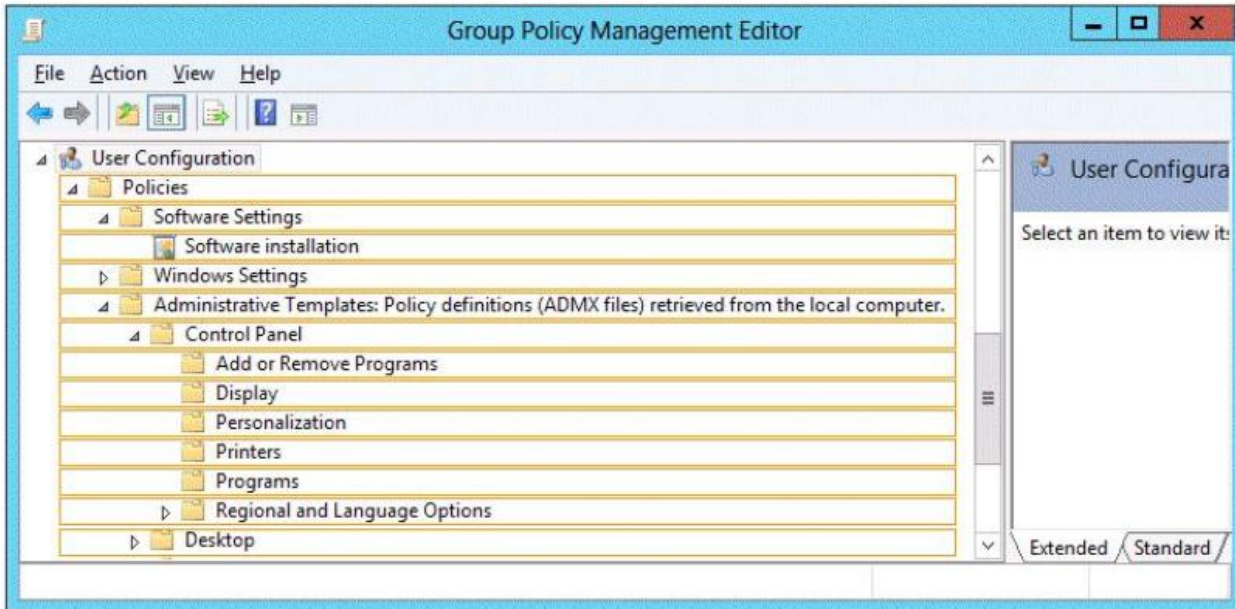
Answer:
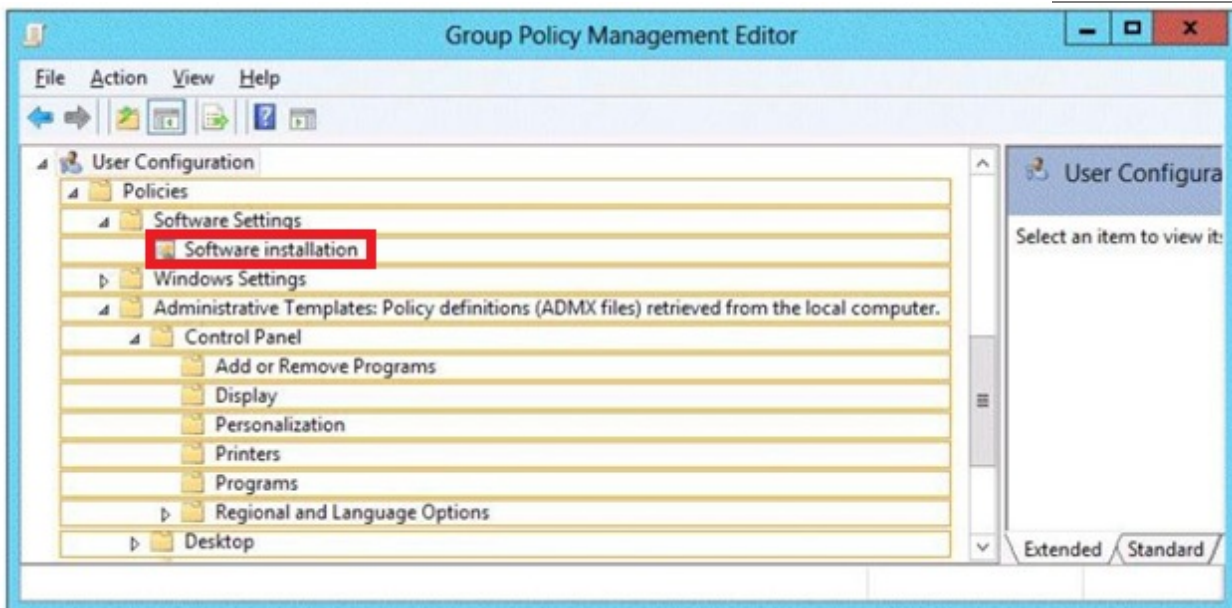
Question: 10

Your network contains an Active Directory domain named contoso.com. Client computers run either Windows 7 or Windows 8. You plan to replace the client computers that run Windows 7. You need to migrate the application settings and the configurations from the client computers that run Windows 7 to the client computers that run Windows 8. What should you do?

A. On the client computers that run Windows 7, run loadstate.exe. On the client computers that run Windows 8, run scanstate.exe.
B. On the client computers that run Windows 7, run scanstate.exe. On the client computers that run Windows 8, run loadstate.exe.
C. On a server that runs Windows Server 2012, install the Windows Server Migration Tools. Run the Export-SmigServerSetting cmdlet and the Import-SmigServerSetting cmdlet.

D. On a server that runs Windows Server 2012, install the Windows Server Migration Tools. Run the Send-SmigServerData cmdlet and the Receive-SmigServerData cmdlet.

Answer: B

Question: 11

Your network contains an Active Directory domain named contoso.com. All client computers are configured to download Windows updates from a server that runs Windows Server Update Services (WSUS). Microsoft Office 2010 is deployed to the client computers. You need to configure WSUS to update Office 2010 automatically on the client computers. What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

A. From the Update Services console, modify the Products and Classifications settings.
B. From the Update Services console, create an update rule.
C. From the Update Services console, modify the update Files settings.
D. From the Group Policy Management console, modify the Default Domain Controllers Policy.
E. From the Group Policy Management console, modify the Default Domain Policy.

Answer: BD

Question: 12

Your company has offices in France and England. The network contains an Active Directory domain named contoso.com. You plan to deploy Microsoft Word 2010 to all users by using Group Policy objects (GPOs). The users in the office in France must receive a version of Word that contains custom options. You need to recommend a solution for the planned deployment of Word. What should you include in the recommendation?

A. Application control policies
B. A Windows Installer transform (.mst) file
C. Software restriction policies
D. A Windows Installer patch (.msp) file

Answer: B

Question: 13

Your network contains an Active Directory domain named contoso.com. The domain contains five servers that run Windows Server 2012 and 500 client computers that run Windows 7. You deploy five third-party applications named App1, App2, App3, App4, and App5 to 50 of the client computers. You need to recommend an application update solution for the third-party applications. The solution must ensure that an administrator can generate reports that contain installation information. What should you recommend implementing?
More than one answer choice may achieve the goal. Select the BEST answer.

A. Windows Server Update Services (WSUS)
B. Windows Intune
C. Assigned applications by using Group Policy
D. Microsoft System Center 2012 Configuration Manager

**Answer: B**

Question: 14

HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain has Microsoft System Center 2012 Configuration Manager deployed. You plan to implement Asset Intelligence reports by using Configuration Manager. You discover that the inventory data required for the Asset Intelligence reports is missing. You need to configure Configuration Manager to collect the inventory data required for the Asset Intelligence reports. What should you enable in the default settings of the client agent?

To answer, select the appropriate setting in the answer area.

Default Settings

| Background Intelligent Transfer |
| Client Policy |
| Compliance Settings |
| Computer Agent |
| Computer Restart |
| Endpoint Protection |
| Hardware Inventory |
| Mobile Devices |
| Network Access Protection (NAP) |
| Power Management |
| Remote Tools |
| Software Deployment |
| Software Inventory |
| Software Metering |
| Software Updates |
| State Messaging |
| User and Device Affinity |

Default Settings

Specify settings that apply to all clients in the hierarchy, and can be modified by custom settings.

Specify Background Intelligent Transfer settings for client computers

Device Settings

Limit the maximum network bandwidth for BITS background transfers	False
Throttling window start time	9 AM
Throttling window end time	5 PM
Maximum transfer rate during throttling window (Kbps)	1000
Allow BITS downloads outside the throttling window	False
Maximum transfer rate outside the throttling window (Kbps)	9999

OK   Cancel

Answer:
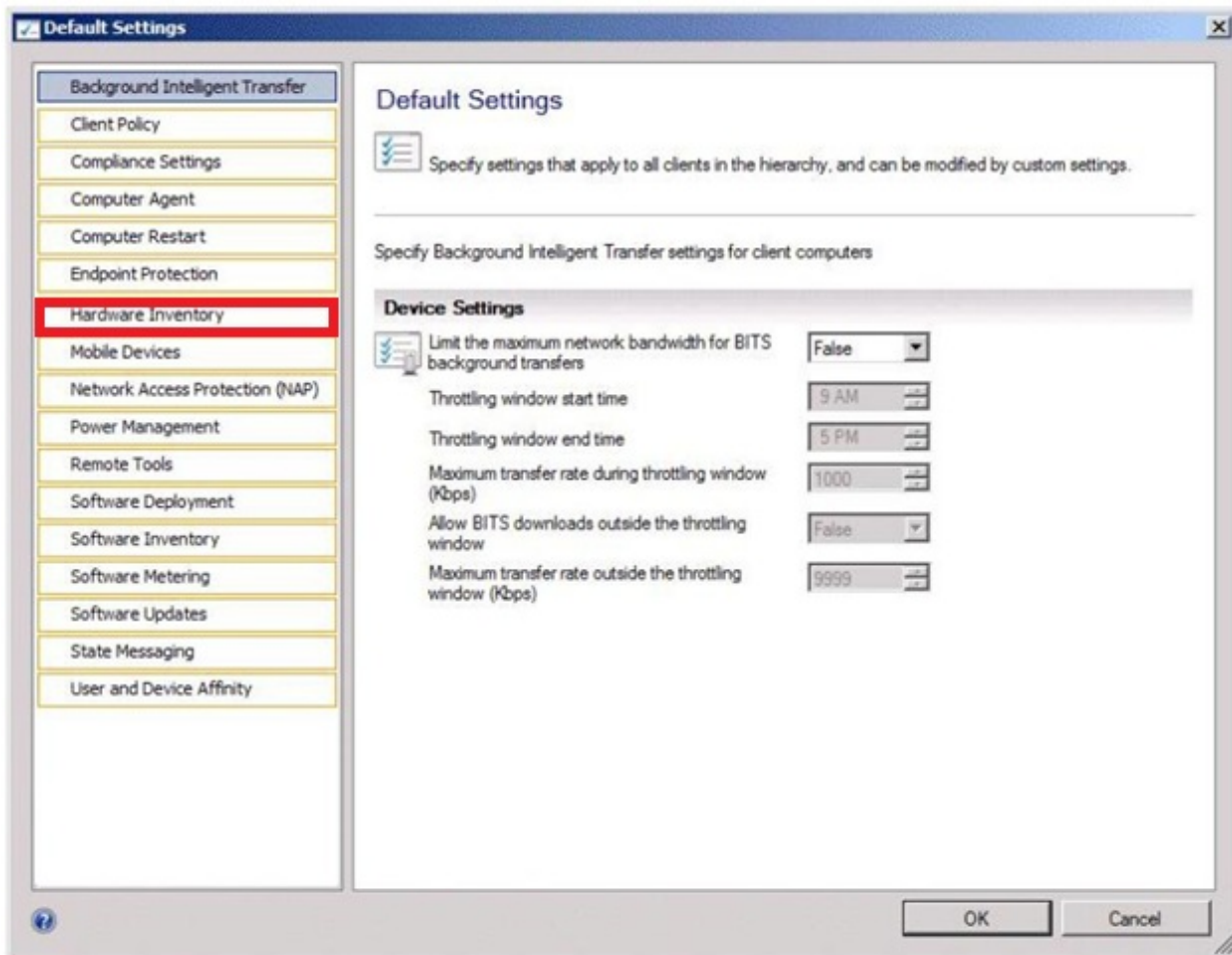
Question: 15

Your company plans to implement a monitoring solution for application licenses. The corporate management policy states that all newly deployed technologies must be cloud-based. You need to recommend a license monitoring solution that meets the management policy. Which license monitoring solution should you recommend?
More than one answer choice may achieve the goal. Select the BEST answer.

A. The Microsoft Asset Inventory Service (AIS)
B. Asset Intelligence in Microsoft System Center 2012 Configuration Manager
C. The Microsoft License Statement tool
D. The Microsoft Assessment and Planning (MAP) Toolkit

Answer: A

Question: 16

You have a virtual infrastructure. The infrastructure contains servers that run Windows Server 2012 and have Microsoft Application Virtualization (App-V) 5.0 installed. You sequence an application named App1, and then assign App1 by using a Group Policy object (GPO) named GPO1. The manufacturer of App1 releases an update named Updateappl.msi. You need to deploy the updated version of App1 to all of the App-V 5.0 clients. The solution must ensure that all of the App-V 5.0 clients only run the updated version of Appl. What should you do?

A. Create a new GPO, and then assign Updateapp1.msi.
B. From the App-V Sequencer, sequence Updateappl.msi, and then create a new GPO.
C. From the App-V Sequencer, update App1.appv, and then modify the GPO.
D. Create a new GPO, and then publish Updateappl.msi.

Answer: B

Question: 17

Your network contains client computers that run Windows 8.
An administrator deploys a Group Policy object (GPO) that disables the following:
• Desktop gadgets
• Microsoft accounts
• User Account Control (UAC)
• The Program Compatibility Assistant
You discover that Windows Store applications cannot run on the client computers that are targeted by the new GPO. You verify that non-Windows Store applications run successfully. You need to ensure that all of the applications start correctly on the client computers that are targeted by the GPO. What should you enable in the GPO?

A. Microsoft accounts
B. The Program Compatibility Assistant
C. UAC
D. Desktop gadgets

Answer: C

Question: 18

DRAG DROP
Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2. Server1 and Server2 have the Hyper-V server role installed. Server2 is configured as Hyper-V replica of Server1. Server1 hosts two virtual desktops named VM1 and VM2. VM1 and VM2 are replicated to Server2. VM1 and VM2 host a distributed application named Appl. App1 has its own authentication mechanism. You need to verify whether the replicated virtual machines are configured properly. The solution must maintain the availability of Appl. Which three actions should you perform?
To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a virtual switch on Server1.	
On the replicas of VM1 and VM2, modify the network adapter settings.	
On the replicas of VM1 and VM2, invoke Test Failover.	
On VM1 and VM2, modify the network adapter settings.	
Create a virtual switch on Server2.	
On VM1 and VM2, invoke a planned failover.	

Answer:

Actions	Answer Area
	On VM1 and VM2, modify the network adapter settings.
On the replicas of VM1 and VM2, modify the network adapter settings.	Create a virtual switch on Server2.
On the replicas of VM1 and VM2, invoke Test Failover.	Create a virtual switch on Server1.
On VM1 and VM2, invoke a planned failover.	

Question: 19

Your network contains an Active Directory domain named contoso.com. The domain contains three member servers named Server1, Server2, and Server3. Server1, Server2, and Server3 have the Hyper-V server role installed. Server3 is located in a disaster recovery datacenter. Server1 and Server2 are members of a failover cluster named Cluster1. Cluster1 has the Hyper-V Replica Broker failover clustering role installed. You name the role Broker1. You plan to use Server3 as a Hyper-V replica for the virtual machines hosted in Cluster1. The replication of the virtual machines to Server3 must be encrypted. You need to identify which certificate must be purchased to implement the planned Hyper-V replicas. Which certificate should you identify?
More than one answer choice may achieve the goal. Select the BEST answer.

A. A certificate that contains clusterl.contoso.com as the subject name
B. A certificate that contains Server1.contoso.com as the subject name and server2.contoso.com as a Subject Alternative Name
C. A certificate that contains brokeri.contoso.com as the subject name
D. A certificate that contains contoso.com as the subject name

Answer: C

Question: 20

Your company has a main office and 20 branch offices. The main office contains 1,000 users. Each branch office contains 300 users. All of the branch offices connect to the main office by using a WAN link. Each office contains several servers that run Windows Server 2012. All of the servers are configured as virtual machines that are hosted on Hyper-V hosts. You deploy a Microsoft Application Virtualization (App-V) infrastructure. The infrastructure contains six servers located in the main office. The servers are configured as shown in the following table.

Server name	Configuration
Server1	Management server
Server2	Management server
Server3	Publishing server
Server4	Publishing server
Server5	Content share
Server6	Content share

You need to recommend a solution to ensure that the App-V clients in the branch offices can download packages if a WAN link fails.
What should you include in the recommendation?

A. Create a Hyper-V replica of Server1 in each branch office, and then configure a BranchCache server in each office.
B. Create a Hyper-V replica of Server3 in each branch office, and then configure a BranchCache server in each office.
C. Replicate the content share by using Distributed File System (DFS) Replication, and then deploy a publishing server in each branch office.
D. Replicate the content share by using Distributed File System (DFS) Replication, and then deploy a management server in each branch office.

Answer: C

Question: 21

You plan to deploy three Remote Desktop Gateway (RD Gateway) servers. You need to recommend a solution to ensure that if a single RD Gateway server fails, users can continue to access resources through the other RD Gateway servers. What should you recommend?
More than one answer choice may achieve the goal. Select the BEST answer.

A. Network Load Balancing (NLB)
B. Hyper-V replicas
C. Failover Clustering
D. DNS round robin

Answer: A

Question: 22

Your network contains an Active Directory domain named contoso.com. The domain contains multiple servers that run Windows Server 2012. All of the servers run as virtual machines on Hyper-V hosts. The network contains a Remote Desktop Services (RDS) infrastructure. The infrastructure contains four servers. The servers are configured as shown in the following table.

Server name	Role service
Server1	Remote Desktop Session Host
Server2	Remote Desktop Connection Broker
Server3	Remote Desktop Web Access
Server4	Remote Desktop Web Access

You publish a RemoteApp program named App1. App1 is accessed from client computers by using a web browser. You need to recommend changes to the RDS infrastructure to meet the following requirements:
• App1 must be available from a web browser if Server3 fails.
• The connection requests for App1 must be distributed evenly between Server3 and Server4.
What should you recommend adding to the RDS infrastructure?

A. A replica of Server3 and Server4 on another Hyper-v host
B. A Network Load Balancing (NLB) cluster that contains Server3 and Server4
C. A failover cluster that contains Server3 and Server4
D. An additional Remote Desktop Connection Broker (RD Connection Broker)

Answer: B

Question: 23

DRAG DROP
Your network contains an Active Directory domain named contoso.com. The domain contains four servers named Server1, Server2, Server3, and Server4. The domain contains a RemoteApp farm. You install the Remote Desktop Connection Broker role service on Server1 and Server2. You need to recommend a Remote Desktop solution to ensure that users can reconnect to existing sessions if a single server fails.
What should you recommend deploying on Server3 and Server4?
To answer, drag the appropriate software to the correct server in the answer area. Each software may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Software	Answer Area	
Failover Clustering	Server3	Software
Microsoft SQL Server 2012		Software
Network Load Balancing (NLB)	Server4	Software
Windows Internal Database		Software

Answer:

Software	Answer Area
	Server3 — Network Load Balancing (NLB)
	Failover Clustering
	Server4 — Microsoft SQL Server 2012
	Windows Internal Database

Question: 24

You are an enterprise administrator for your company, which is named Contoso, Ltd.
You plan to publish applications to virtual desktops by using Microsoft Application Virtualization (App-V) 5.0. You need to recommend a solution to prevent the virtual desktops from caching App-V 5.0 packages to disk. What should you include in the recommendation?

A. Dynamic Memory
B. Non-uniform memory access (NUMA)
C. A dynamic user configuration file
D. Shared Content Store Mode

Answer: D

Question: 25

Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft Application Virtualization (App-V) 5.0 infrastructure. You package two complex applications named App1 and App2. You create a connection group that contains App1 and App2.
You discover that App2 overwrites some of the registry settings used by Appl.
You need to recommend a solution for the deployment of Appl and App2 to meet the following requirements:
•   Prevent App2 from overwriting the registry settings of Appl.
•   Ensure that App1 and App2 can share information.
What should you recommend?
More than one answer choice may achieve the goal. Select the BEST answer.

A. Change the order of packages in the package library.
B. Modify the PackageId of Appl.
C. Change the order of packages in the connection group.
D. Create a single package that contains App1 and App2.
E. Modify the VersionId of Appl.

Answer: A

Question: 26

Your network contains an Active Directory domain named contoso.com. The domain contains an application

virtualization infrastructure. The infrastructure contains three servers. The servers are configured as shown in the following table.

Servername	Configuration
Server1	Microsoft Application Virtualization (App-V) 5.0 management server
Server2	Microsoft Application Virtualization (App-V) 5.0 publishing server
Server3	Microsoft SQL Server 2012

You discover that it can take up to 10 minutes for newly published packages to be available from client computers. You need to recommend a solution to ensure that App-V 5.0 packages are available to the client computers within two minutes of being published. What should you include in the recommendation?

A. Modifications to the Web.config file stored on Server1
B. A scheduled task that runs the Get-AppVServerPackage cmdlet on Server1
C. A scheduled task that runs the Get-AppVServerPackage cmdlet on Server2
D. Modifications to the Web.config file stored on Server2

Answer: D

Question: 27

Your network contains an Active Directory domain named contoso.com. All client computers run Windows 7. You deploy a Microsoft Application Virtualization (App-V) infrastructure. You need to ensure that users can run the App-V applications that are published on the App-V publishing servers. What should you install on the client computers? (Each correct answer presents part of the solution. Choose all that apply.)

A. Windows Installer 4.5
B. Windows Communication Foundation HTTP Activation
C. App-V 5.0 Beta client
D. Microsoft .NET Framework 4

Answer: BD

Question: 28

DRAG DROP
Your company has three offices named Office1, Office2, and Main1. The offices do not have a network connection to each other. The offices are configured as shown in the following table.

Office	Configuration
Main1	Contains client computers, servers, and domain controllers.
Office1	Contains only client computers.
Office2	Contains client computers and servers. All servers are members of a workgroup.

You plan to deploy Microsoft Application Visualization (App-V) 5.0 to the network. Only Mainl requires App-V streaming. You need to identify the appropriate App-V infrastructure model for each office. Which infrastructure

model should you identify?
To answer, drag the appropriate infrastructure model to the correct requirement in the answer area. Each infrastructure model may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Infrastructure Models	Answer Area	
Standalone	Main1	Infrastructure model
Full infrastructure	Office1	Infrastructure model
None	Office2	Infrastructure model

Answer:

Infrastructure Models	Answer Area	
	Main1	None
	Office1	Standalone
	Office2	Full infrastructure

Question: 29

Your network contains an Active Directory domain named contoso.com. You plan to deploy a Microsoft Application Virtualization (App-V) 5.0 infrastructure. You need to recommend a solution to manage the App-V client settings. What should you include in the recommendation?

A. Deploy Microsoft System Center 2012 App Controller, and then deploy a service template.
B. Deploy Microsoft System Center 2012 Virtual Machine Manager (VMM), and then deploy a service template.
C. Copy Appxpackagemanager.admx and Appxpackagemanager.adml to a domain controller, and then create a Group Policy object (GPO).
D. Copy Appv.admx and Appv.adml to a domain controller, and then create a Group Policy object (GPO).

Answer: D

Question: 30

DRAG DROP
Your network contains an Active Directory domain named contoso.com. You use Microsoft Application Virtualization (App-V) 5.0 to package and deploy applications to the network. You need to deploy an application named Appl. The solution must ensure that an add-on for App1 is also installed. Which five actions should you perform?
To answer, move the five appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a connection group.	
Sequence the add-on.	
Sequence App1.	
Publish the packages.	
Add the packages to the publishing server.	
Publish the connection group.	

Answer:

Actions	Answer Area
	Publish the packages.
	Sequence the add-on.
Sequence App1.	Add the packages to the publishing server.
	Create a connection group.
Publish the connection group.	

Question: 31

Your network contains a Virtual Desktop Infrastructure (VDI). All users access applications by using their virtual desktop. All virtual desktops run Windows 8. You have a test environment that contains four computers. The computers are configured as shown in the following table.

Computer name	Configuration
Server1	Microsoft Application Virtualization (App-V) management server
Client1	Physical computer that runs Windows 8
Server2	Microsoft Application Virtualization (App-V) publishing server
Client2	Virtual machine that runs Windows 8

You plan to sequence 15 applications that will be deployed to the virtual desktops. You need to identify which computers must be used to run the App-V Sequencer. Which computer should you identify? More than one answer choice may achieve the goal. Select the BEST answer.

A. Server1
B. Client1
C. Server2
D. Client2

Answer: D

Question: 32

Your network contains an Active Directory domain named contoso.com. The domain contains five servers. The servers are configured as shown in the following table.

Server name	Configuration
Server1	Remote Desktop Session Host (RD Session Host)
Server2	Remote Desktop Connection Broker (RD Connection Broker)
Server3	Remote Desktop Web Access (RD Web Access)
Server4	Microsoft Application Virtualization (App-V) publishing server
Server5	Microsoft Application Virtualization (App-V) management server

Servers Microsoft Application Virtualization (App-V) management server. You plan to deploy three App-V applications named App1, App2, and App3 by using RemoteApp publishing. Users will access App1, App2, and App3 from the RD Web Access site. You need to ensure that the users can run App1, App2, and App3 by clicking links to the applications from the RD Web Access site. On which server should you install the App-V client?

A. Server1
B. Server2
C. Server3
D. Server4
E. Server5

Answer: A

Question: 33

HOTSPOT
Your network contains an Active Directory domain named contoso.com. You deploy Remote Desktop Services (RDS) and publish multiple RemoteApp programs. You need to ensure that users can subscribe to the RemoteApp and Desktop Connections feed by using their email address. Which resource record type should you add to the DNS zone? To answer, select the appropriate resource record type in the answer area.

Answer:

Question: 34

Your network contains an Active Directory domain named contoso.com. Your company plans to deploy a Remote Desktop Services (RDS) infrastructure that will contain six Remote Desktop Session Host (RD Session Host) servers and three applications. The servers will be configured as shown in the following table.

Server name	Applicationname
Server1	App1
Server2	App1 and App2
Server3	App3
Server4	App3
Server5	App1, App2, and App3
Server6	App1, App2, and App3

You need to identify how many session collections will be required to publish the applications on the RD Session Host servers. How many session collections should you identify?

A. 1
B. 2
C. 3
D. 4

Answer: D
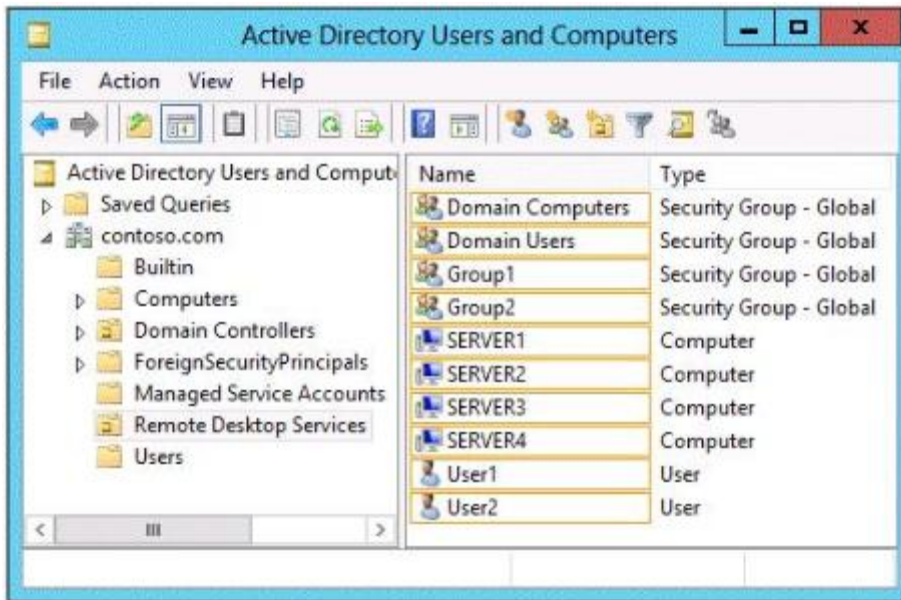
Question: 35

HOTSPOT

Your network contains an Active Directory domain named contoso.com. You deploy Remote Desktop Services (RDS) to four servers. The servers are configured as shown in the following table.

Server name	Role service
Server1	Remote Desktop Session Host
Server2	Remote Desktop Session Host
Server3	Remote Desktop Connection Broker
Server4	Remote Desktop Web Access

You create a session collection named Collection1 that contains Server1 and Server2. Collection1 will use user profile disks stored in a share named Share1. Two users named User1 and User2 are members of a group named Group2. User1 and User2 will use RDS. You need to identify which security principal must have full permissions to Share1. Which security principal should you identify?

To answer, select the appropriate object in the answer area.

Answer:

Question: 36

Your network contains an Active Directory domain named contoso.com. The domain has Remote Desktop Services (RDS) deployed. A technician publishes 10 line-of-business applications and 10 productivity applications as RemoteApp programs. You need to ensure that the RemoteApp programs are organized in two separate categories on the Remote Desktop Web Access (RD Web Access) site. What should you modify?

A. The Web.config file of the RD Web Access site
B. The Directory Browsing settings of the RD Web Access site
C. The list of RemoteApp program folders in the properties of the RemoteApp programs
D. The User Assignment settings of the RemoteApp programs

Answer: C

Question: 37

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1. A network technician installs the Remote Desktop Session Host role service on Server1. The technician cannot manage Remote Desktop Services (RDS) by using Server Manager. You need to ensure that you can manage RDS by using Server Manager on Server1. What should you do first?

A. Install the Remote Desktop Connection Broker role service.
B. Run an RDS scenario-based installation.
C. Add Server1 to the RDS Management Servers group.
D. Install the Remote Desktop Services Tools feature-

Answer: B

Question: 38

DRAG DROP
You have a server named Server1 that runs Windows Server 2012. Server1 has the Remote Desktop Session Host role service installed. You need to deploy an application named App1 to Server1. The deployment must ensure that hundreds of Remote Desktop Services (RDS) clients can access Appl. Which three actions should you perform?
To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Install App1 on Server1.	
Run change.exe user /execute.	
Run change.exe user /query.	
Run change.exe user /install.	
Run change.exe logon /disable.	
Run change.exe logon /enable.	

Answer:

Actions	Answer Area
	Run change.exe user /install.
	Run change.exe user /execute.
Run change.exe user /query.	Run change.exe logon /disable.
	Install App1 on Server1.
Run change.exe logon /enable.	

Question: 39

Your network contains an Active Directory domain named contoso.com. The network contains a Remote Desktop Services (RDS) infrastructure. The RDS infrastructure contains five servers that run Windows Server 2012. All client computers run Windows 8. You need to recommend a software delivery method to meet the following requirements:
• Minimize the amount of hardware resources used on the client computers.
• Ensure that applications are launched by using document invocation.
What should you recommend?

A. From an RDS server, publish RemoteApp programs. From the client computers, create a Remote Desktop connection.
B. From a Microsoft Application Virtualization (App-V) publishing server, publish App-V packages, and then modify the list of file type associations.
C. From an RDS server, publish RemoteApp programs. From the client computers, create a new connection URL.
D. From a Group Policy, assign applications to all of the client computers, and then run gpupdate.exe /force on each client computer.

Answer: C

Question: 40

Your network contains an Active Directory domain named contoso.com. You deploy Active Directory Certificate Services (AD CS). You plan to deploy several applications by using RemoteApp. Users will access the RemoteApp programs from domain-joined computers, home computers, and publicly accessible computers. The corporate security policy requires that all RemoteApp files be digitally signed. You need to recommend which certificate the company must use to digitally sign the RemoteApp files. What should you recommend?
More than one answer choice may achieve the goal. Select the BEST answer.

A. A server authentication certificate from an internal certificate authority (CA)
B. A server authentication certificate from a trusted third-party certification authority (CA)
C. A self-signed code signing certificate
D. A client authentication certificate from a trusted third-party certification authority (CA)

Answer: B

Case Study: 1

Litware, Inc

Overview

Litware, Inc., is a manufacturing company. A. Datum Corporation is a competitor of Litware.

Litware has a main office and two branch offices. The main office is located in Seattle. The branch offices are located in Los Angeles and Boston. The offices connect to each other by using T1 leased lines.

A. Datum has a main office in New York. Existing Environment

Active Directory

The Litware network contains one Active Directory forest named litwareinc.com. The A. Datum network contains one Active Directory forest named adatum.com. Network Infrastructure All Litware servers run Windows Server 2012.

Each Litware office contains two domain controllers. Each domain controller is configured as a DNS server.

The Seattle office has the following servers:

• Two file servers

• Two domain controllers

• One Windows Server update Services (WSUS) server

• Five Hyper-V hosts that host multiple virtual machines

• A Remote Desktop Services (RDS) infrastructure that contains five Remote Desktop Session Host (RD Session Host) servers in two session collections, one Remote Desktop Connection Broker (RD Connection Broker) server, and one Remote Desktop Web Access (RD Web Access) server.

All client computers in Litware run Windows 8. The client computers are configured to download updates from WSUS. An application named App4 is included in the standard desktop image that is deployed to each client computer.

Requirements

Planned Changes

Litware plans to implement the following changes:

• Expand the company by acquiring A. Datum.

• Add more RD Web Access servers to the RDS infrastructure.

• Publish three applications named Appl, App2, and App3 as RemoteApp programs.

• Deploy two virtualized applications named App5 and App6 as Microsoft Application Virtualization (App-V) packages.

• Deploy App-V 5.0 management servers, publishing servers, and reporting servers.

Technical Requirements

Litware must meet the following technical requirements:

• Minimize the amount of administrative effort whenever possible.

• Ensure that an RD Connection Broker server is available if a single server fails.

• Protect the connections to the RD Web Access server by using a trusted certificate.

• Perform an application inventory of the applications in A. Datum without installing additional software on the client computers in A. Datum.

Application Requirements

Litware must meet the following application requirements:

- Ensure that App1 can be started by using document invocation.
- Ensure that App1 is available on the Start screen of client computers that run Windows 8.
- Organize the published RemoteApp programs by application type on the RD Web Access website.
- Prevent users in the human resources (HR) department from running App4.
- Administer App-V from a server named Server1.
- Ensure that App5 and App6 can communicate with each other when they run in the virtual environment.
- Ensure that the virtualized applications are downloaded from a server in the same office as the client computer that is downloading the applications.
- Ensure that the virtualized applications are fully downloaded to a client computer before users can run the applications.
- Update App4 in the standard desktop image to a new version named App4A. The App4A update is a Microsoft Installer (MSI) package.
- Deploy application updates for App4 to the client computers by using WSUS.

Question: 1

You need to recommend a solution to update App4 on the client computers that already have the application deployed. The solution must meet the application requirements. What should you include in the recommendation?

A. Add a package to the software installation settings of a Group Policy object (GPO).
B. Use Import Updates from the Update Services console.
C. Run wsusutil.exe and specify the import parameter.
D. Run a script that uses the WSUS Application Programming Interface (API) for local publishing.

Answer: D

Question: 2

You need to configure security for the HR users to meet the application requirement. What should you configure in Group Policy Management Editor?

A. Security Options
B. Restricted Groups
C. Public Key Policies
D. Application Control Policies

Answer: D

Question: 3

You need to configure the virtualized applications to ensure that they download fully before they can run on the client computers. What should you use?

A. Microsoft System Center 2012 App Controller
B. The App-V Sequencer
C. Microsoft System Center 2012 Virtual Machine Manager (VMM)
D. The Application Virtualization Management Console

Answer: B

Question: 4

You need to recommend a solution to deploy Appl. The solution must meet the application requirements. What should you include in the recommendation?

A. Create an .rdp file for App1, and then copy the file to the client computers by using a logon script.
B. Configure the software installation settings in a Group Policy object (GPO).
C. Configure the RemoteApp and Desktop Connections setting in a Group Policy object (GPO).
D. Create an .rdp file for App1, and then copy the file to the client computers by using a startup script.

Answer: D

Question: 5

You need to meet the application requirements for administering the App-V infrastructure. What should you install on Server1?

A. The Microsoft Visual C++ 2010 Redistributable Package
B. Microsoft SQL Server Native Client
C. Microsoft .NET Framework 4.5
D. Microsoft Silver light

Answer: D

Question: 6

DRAG DROP
You need to update App4 in the standard desktop image. The solution must meet the technical requirements and the application requirements. Which four actions should you perform?
To answer, move the four appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Run the App4A MSI package.	
Unmount the image and commit the changes.	
Add the App4A MSI package to the image.	
Mount the image.	
Export the image.	
Deploy the image.	
Capture the image.	
Generalize the installation.	

Answer:

Actions	Answer Area
	Capture the image.
Unmount the image and commit the changes.	Run the App4A MSI package.
Add the App4A MSI package to the image.	Mount the image.
Export the image.	
Deploy the image.	
Generalize the installation.	

Question: 7

You need to implement an RDS infrastructure to meet the technical requirements. What should you do first?

A. Install Microsoft SQL Server 2008 R2.
B. Install the Failover Clustering feature.
C. Install the Windows Internal Database feature.
D. Install the Network Load Balancing (NLB) feature.

Answer: D

Question: 8

You need to recommend a solution to deliver the virtualized applications to the client computers. The solution must meet the application requirements. What should you include in the recommendation?

A. Enhanced Storage
B. BranchCache
C. File Replication Service (FRS)
D. Distributed File System (DFS)

Answer: D

Case Study: 2

A.Datum Corporation

Overview

A.Datum Corporation is a geological research company.

The company has a main office and a branch office. The main office is located in Seattle. The branch office is located in Miami.

Users in the research department work in the Miami office.

Existing Environment

Active Directory

The network contains a single-domain Active Directory forest named adatum.com.

Network Infrastructure.

The relevant servers on the network are configured as shown in the following table.

Server name	Location	Role
DC1	Seattle	Domain controller DNS server
DC2	Miami	Domain controller DNS server
SRV-FS1	Seattle	File server
SRV-FS2	Miami	File server

Content on SRV-FS1 and SRV-FS2 is replicated by using Distributed File System (DFS) Replication. All shared content is accessible through the UNC path of \\contoso.com\shared\data.

All client computers run Windows XP. All of the client computers have Microsoft Office 2007 installed. All applications are installed locally on the client computers.

The Miami office connects to the Seattle office by using a site-to-site VPN connection.

Research users in the Miami office use two applications named App1 and App2. The research users are divided into two groups named Adatum\ResearchManagers and Adatum\ResearchStaff.

The IT department has a custom install image of Windows 8. The image contains internally developed Windows Store apps.

Windows Server Update Services (WSUS) is used to deploy patches to the client computers.

User Issues

Users report that when App1 and App2 run concurrently, the applications crash.

Requirements Planned Changes

The company plans to implement the following changes:

• Deploy a Remote Desktop Services (RDS) infrastructure that runs Windows Server 2012. The infrastructure will be located in the Seattle office and will contain the following servers:

• Two Remote Desktop Virtualization Host (RD Virtualization Host) servers

• Two Remote Desktop Connection Broker (RD Connection Broker) servers

• Two Remote Desktop Session Host (RD Session Host) servers

• Two Remote Desktop Web Access (RD Web Access) servers

• Two Remote Desktop Gateway (RD Gateway) servers

• Implement the desktops of the users in the Miami office by using a Virtual Desktop Infrastructure (VDI) and replace the desktop hardware with thin client devices.

•   Deploy a Windows Server 2012-based Microsoft Application Virtualization (App-V) infrastructure in the Seattle office that contains the following servers:

•   Two App-V management servers

•   Two App-V publishing servers

•   One App-V reporting server

•   Standardize the client operating system on the 64-bit version of Windows 8.

•   Publish an application named App3 as a RernoteApp program.

Technical Requirements

The company must meet the following technical requirements:

•   The disk space used by the VDI must be minimized.

•   The amount of administrative effort must be minimized whenever possible.

•   The members of Adatum\ResearchManagers must have priority to the system resources on the RD Session Host servers.

•   The availability of the RemoteApps programs, the App-V apps, and the virtual desktops must not be affected if a single server fails.

•   The RD Session Host server will be installed on a server that is several years old. Only 20 percent of the sessions must be established to this server.

Application Requirements

The company must meet the following application requirements:

•   Several custom add-ins for Office 2010 must be deployed.

•   App1 and App2 must be published as Remote App programs.

•   Application conflicts between App1 and App2 must be eliminated.

•   Office 2010 must be deployed by using an existing App-V package.

•   Updated Windows Store apps must be included in the Windows 8 image.

•   The reporting server must be used to monitor the usage of the App-V apps.

•   Users in the human resource (HR) department must be able to use existing 16-bit applications.

•   The research users must be able to launch App3 by double-clicking files that have an .app3 extension.

Question: 1

You need to recommend a solution to ensure that the App-V applications are available to the research users. The solution must meet the technical requirements. What should you include in the recommendation?

A. Deploy the App-V publishing server to the Miami office.
B. Store the App-V database on the \\Contoso.com\Shared\Data share.
C. Deploy the App-V management server to the Miami office.
D. Store the App-V packages on the \\Contoso.com\Shared \Data share.

Answer: B

Question: 2

You identify a hotfix published on the Microsoft Support website. The hotfix applies to a locally installed application. You need to apply the hotfix to all of the client computers that have the application installed. What should you do?

A. Create a Group Policy startup script that runs wuaclt.exe.
B. Run wsusutil.exe and specify the import switch.
C. Create a Group Policy startup script that runs wusa.exe.
D. Run wsusutil.exe and specify the use custom website switch.

Answer: C

Question: 3

You need to install Office 2010 on virtual desktops that run Windows 8. The virtual desktops will be used by the research users in the Miami office. The solution must meet the technical requirements. What should you do first?

A. Run the App-V client setup and specify the /sharedcontentstoremode switch.
B. Run the App-V client setup and specify the /migrationmode switch.
C. Run the Office Customization Tool (OCT).
D. Run the Office Migration Planning Manager (OMPM).

Answer: A

Question: 4

You publish App3 as a RemoteApp program. You need to configure App3 to meet the application requirements. What should you do?

A. On the RD Session Host servers, modify the Windows Installer RDS Compatibility setting. On client computers, modify the Remote Desktop Connection settings.
B. From Remote Desktop Services, modify the properties of the App3 RemoteApp program. On the client computers, configure the RemoteApp and Desktop Connection feed.
C. From Remote Desktop Services, modify the properties of the collection to which the App3 RemoteApp program is published. On the client computers, configure the RemoteApp and Desktop Connection feed.
D. From Remote Desktop Services, modify the properties of the collection to which the App3 RemoteApp program is published. On client computers, modify the Remote Desktop Connection settings.

Answer: B

Question: 5

You need to configure the virtual desktops for the Miami office users. The solution must meet the technical requirements. What should you create?

A. An unmanaged personal virtual desktop collection
B. An unmanaged pooled virtual desktop collection
C. A managed pooled virtual desktop collection
D. A managed personal virtual desktop collection

Answer: C

Question: 6

You need to ensure that the members of Adatum\ResearchManagers have priority to the system resources on the RD Session Host servers. The solution must meet the technical requirements. What should you do?

A. On the RD Session Host servers, configure the Fair Share CPU Scheduling settings.
B. On the RD Connection Broker servers, configure the collection properties.
C. On the RD Session Host servers, install and configure the Windows System Resource Manager feature.
D. On the RD Session Host servers, install and configure the Windows Process Activation Service feature.

Answer: C

Question: 7

You need to recommend a solution for the HR users that meets the application requirements. What should you recommend?

A. Client Hyper-V
B. An App-V 5.0 client on an RD Session Host server
C. An App-V 5.0 client
D. A RemoteApp program on an RD Session Host server

Answer: A

Question: 8

You need to recommend a solution for deploying the Office 2010 add-ins. The solution must meet the application requirements. What should you include in the recommendation?

A. From Server Manager, create a collection.
B. From Group Policy Management, assign the add-ins to users.
C. From Group Policy Management, assign add-in to client computers.
D. From the Application Virtualization Management Console, create a connection group.

Answer: D