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A Composite Solution With Just One Click

Microsoft

70-982 PRACTICE EXAM

Recertification for MCSE: Desktop Infrastructure

TOTAL QUESTIONS 180/4CASE STUDY

Question: 1

Your network contains an Active Directory domain named contoso.com. The domain contains an internal network and a perimeter network. The perimeter network contains a server named Gateway1 that has the Remote Desktop Gateway role service installed.

From the Internet, all of the domain users can access several Remote Desktop Session Host (RD Session Host) servers on the internal network by using Remote Desktop Gateway (RD Gateway) on Gateway1.

Currently, the users cannot access their internal desktop computer from the Internet by using RD Gateway on Gateway1.

On the internal network, a user named User1 has a client computer named Computer1 that runs Windows 8.

You enable Remote Desktop on Computer1.

You need to ensure that User1 can access Computer1 from the Internet by using a Remote Desktop connection.

What should you configure?

- A. The Windows Firewall with Advanced Security settings on Gateway1
- B. The Windows Firewall with Advanced Security settings on Computer1
- C. The Remote Desktop connection authorization policies {RD CAPs} on Gateway1
- D. The Remote Desktop resource authorization policies (RD RAPs) on Gateway1

Answer: D

Explanation:

The users can access to the Remote Desktop Session Host (RD Session Host) servers on the internal network by using Remote Desktop Gateway, but, they can't access to particular computer. RD RAPs RD RAPs allow you to specify the internal network resources that remote users can connect to through an RD Gateway server. When you create an RD RAP, you can create a computer group (a list of computers on the internal network to which you want the remote users to connect) and associate it with the RD RAP. Remote users connecting to an internal network through an RD Gateway server are granted access to computers on the network if they meet the conditions specified in at least one RD CAP and one RD RAP. Understanding Authorization Policies for Remote Desktop Gateway

Question: 2

Your network contains an Active Directory domain named contoso.com. The domain contains servers that run Windows Server 2012.

You plan to deploy a Remote Desktop Virtualization Host (RD Virtualization Host) that will contain five virtual desktops. The requirement of each virtual desktop is shown in the following table.

Virtual desktop name	Requirement
VD1	Must support creating snapshots of virtual disks.
VD2	Must support dynamically expanding virtual disks.
VD3	Must support differencing virtual hard disks.
VD4	Must support adding or removing storage when the virtual machine runs.
VD5	Must support at least three virtual disk controllers on each virtual machine.

You need to identify which virtual desktop or virtual desktops require a virtual SCSI controller.

Which virtual desktop or desktops should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. VD1
- B. VD2
- C. VD3
- D. VD4
- E. VD5

Answer: A,D

Question: 3

Your network contains an Active Directory domain named contoso.com. The domain has Remote Desktop Services (RDS) deployed. The domain contains six 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 Session Host (RD Session Host)
Server3	Remote Desktop Connection Broker (RD Connection Broker)
Server4	Remote Desktop Web Access (RD Web Access)
Server5	Microsoft SQL Server 2008 R2
Server6	None

You plan to configure Server6 as an additional RD Connection Broker in the RDS deployment.

You need to identify which servers require the SQL Server Native Client installed.

Which servers should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

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

F. Server6

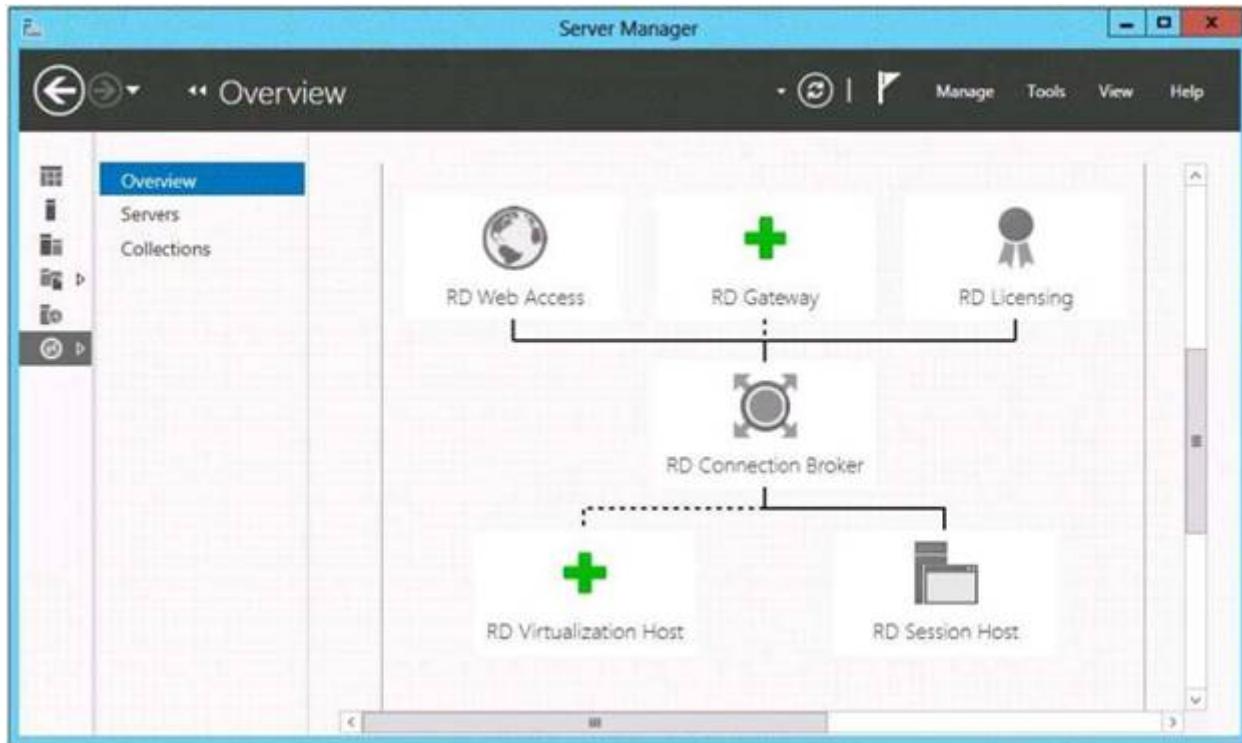
Answer: C,F

Explanation:

You must have a SQL Server setup that can be used by the RD Connection Broker servers to store data. At least SQL Server 2008 R2 must be used, and the minimum recommended SQL Server SKU for this is Standard with at least 4GB of RAM. RD Connection Broker High Availability in Windows Server 2012

Question: 4

You have a server named Server1.



You need to ensure that you can publish RemoteApp programs.

What should you do?

- Create a Remote Desktop connection authorization policy (RD CAP).
- Install the Remote Desktop Gateway role service.
- Create a collection.
- Install the Remote Desktop Virtualization Host role service.

Answer: C

Explanation:

A RD CAP isn't right as this isn't a RD Gateway scenario B RD Gateway doesn't appear to be in play her C RemoteApp programs are published to either a session collection or virtual desktop collection using Server Manager. D RD Virtual Host implies we are using a VDI pool and that doesn't appear to be the case with a RemoteApp. Test Lab Guide: Remote Desktop Services Publishing <http://technet.microsoft.com/en-us/library/hh831442.aspx> <http://class10e.com/Microsoft/you-need-to-ensure-that-you-can-publish-remoteappprograms/>

Question: 5

Your network contains an Active Directory domain named contoso.com. The domain has Remote Desktop Services (RDS) deployed.

The domain contains two servers named Server1 and Server2 that have the Remote Desktop Web Access role service installed. The RD Web Access sites are accessible by using the URL <https://rdp.contoso.com/rdweb>.

You connect to <https://rdp.contoso.com/rdweb> and you receive the error message shown in the exhibit. (Click the Exhibit button.)



You need to prevent the error message from appearing when users connect to the RD Web Access sites.

You obtain a server certificate for rdp.contoso.com from a trusted certification authority (CA).

What should you do next? More than one answer choice may achieve the goal. Select the BEST answer.

- On Server1 and Server2, open the Certificates console and import the server certificate to the Trusted Publishers store.
- On Server1 and Server2, open the Certificates console and import the server certificate to the Remote Desktop certificate store.
- From Server Manager, open the properties of the RDS deployment and select the server certificate.
- On Server1 and Server2, open Internet Information Services (IIS) Manager and modify the bindings of the Default Web Site.

Answer: C

Explanation:

You can click Task -> Edit Deployment Properties, in the Certificate tab, you can configure the certificate for RD Web Access.

<http://social.technet.microsoft.com/Forums/windowsserver/en-US/b71b2aaf-9f00-44f88c7bb6d369af14c9/rd-web-access-certificate-in-server-2012-how-toinstall?forum=winserverTS>

The screenshot shows the 'Deployment Properties' window for a Remote Desktop Services deployment. The 'Certificates' section is selected in the left sidebar. It displays a table of certificates for various roles:

Role Service	Level	Status	State
RD Connection Broker - Enable Single Sign-On	Not Configured	--	
RD Connection Broker - Publishing	Not Configured	--	
RD Web Access	Not Configured	--	
RD Gateway	Untrusted	OK	

Below the table, it says 'Subject name: Not Applicable' and 'View Details'. A note states: 'This certificate is required to enable RemoteApp and Desktop Connection subscription and server authentication for RD Web Access.' It also says: 'You can update this certificate by creating a new certificate or by selecting an existing certificate.' At the bottom are two buttons: 'Create new certificate...' and 'Select existing certificate...'. The top of the window shows 'DEPLOYMENT OVERVIEW' and 'RD Connection Broker server: RDS.serverlab.com'.

Question: 6

You manage a pooled virtual desktop collection named Collection1. Collection1 is configured to use user profile disks. You need to ensure that when users log off of their virtual desktop, the contents of the Downloads, Music, and Pictures folders are deleted. The contents of the other profile folders must be retained. What should you do?

- From a Group Policy object (GPO), modify the Folder Redirection settings.
- From the properties of each user account, modify the Remote Desktop Service Profile settings.
- From Server Manager, modify the properties of Collection1.

D. From the properties of each user account, modify the Sessions settings.

Answer: C

Explanation:

Virtual Desktop Collection

Show All

General +

User Groups +

Client +

User Profile Disks -

Enable user profile disks

Location: \\servername\sharename

Maximum size (in GB): 20

User profile disks data settings

Store all user settings and data on the user profile disk

Store only the following folders on the user profile disk
All other folders in the user profile will not be preserved.

Path	Type

Add... Remove

Contacts

Desktop

Documents

Downloads

Links

Question: 7

You have a server named Server1 that runs Windows Server 2012. Server1 has the Remote Desktop Virtualization Host role service installed.

You plan to create two virtual desktop collections named Collection1 and Collection2. Each collection will support a separate group of users. The requirements of each collection are shown in the following table.

Collection	Requirement
Collection1	<ul style="list-style-type: none"> Updates must be applied automatically. Data must NOT persist between sessions. The template virtual machine image must be the same for all users. New virtual desktops must be created automatically when the users connect.
Collection2	<ul style="list-style-type: none"> Updates must be applied manually. All virtual desktops must be created manually. User data and applications must persist between sessions. Users must be able to install applications on their virtual desktop.

You need to identify the required configuration for each collection.

What should you identify? To answer, select the appropriate Collection type and Management type for each collection

in the dialog box in the answer are

a.

Collection name	Collection type	Management type
Collection1	Pooled Personal	Managed Unmanaged
Collection2	Pooled Personal	Managed Unmanaged

Answer:

Collection name	Collection type	Management type
Collection1	Pooled Personal	Managed Unmanaged
Collection2	Personal	Managed Unmanaged

Question: 8

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	Microsoft System Center 2012 Service Manager
Server2	Microsoft System Center 2012 Virtual Machine Manager (VMM) Administrator Console
Server3	Microsoft System Center 2012 Virtual Machine Manager (VMM) management server
Server4	Library server
Server5	Hyper-V host

You plan to deploy the Virtual Machine Servicing Tool (VMST) 3.0.

You need to identify on which server VMST 3.0 must be installed.

Which server should you identify?

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

Answer: B

Explanation:

VMST3 must be installed on the same server as the VMM Administrator Console (which provides the Windows PowerShell support).

Question: 9

You have a corporate image of Windows 8 named Image1.wim.

You deploy Image1 from a bootable USB flash drive to a client computer named Computer1. You add several applications to Image1 and configure the applications.

You need to capture the modified image to the bootable USB flash drive as Image2. The solution must meet the following requirements:

- ☞ The amount of disk space required for storage must be minimized.
- ☞ The settings of Image1 must be retained.

You start the client computer from a Windows Pre-installation Environment (Windows PE) deployment image.

What should you do next? (Each correct answer presents a complete solution. Choose all that apply.)

- A. Run the imagex.exe command and specify the /capture parameter.
- B. Run the imagex.exe command and specify the /append parameter.
- C. Run the dism.exe command and specify the /capture-image parameter.
- D. Run the dism.exe command and specify the /append-image parameter.
- E. Run the diskpart attach command.
- F. Run the diskpart select command.

Answer: C,F

Explanation:

Run the dism.exe command and specify the /capture-image parameter [http://msdn.microsoft.com/en-us/library/jj980032\(v=winembedded.81\).aspx](http://msdn.microsoft.com/en-us/library/jj980032(v=winembedded.81).aspx)

<pre>/Capture-Image /ImageFile: <path_to_image_file> /CaptureDir: <source_directory> /Name: <image_name> [/Description:<image_description>] [/ConfigFile:<configuration_file.ini>] [/Compress:(max fast none)] [/Bootable] [/CheckIntegrity] [/Verify] [/NoRpFix]</pre>	<p>Captures an image of a drive to a new .wim file. Captured directories include all subfolders. This command-line option does not apply to virtual hard disk (VHD) files.</p> <p>Important: DISM does not support extended attributes. DISM ignores extended attributes during a /Capture operation. /ConfigFile specifies the location of a configuration file that lists exclusions for image capture. /Compress specifies the type of compression used for the initial capture operation. The fast option provides faster image compression than the maximum option. This is also the default compression type that DISM uses. The none option does not compress the captured image at all. /Bootable marks a volume image as being a bootable image. This argument is available only for volumes that are marked as bootable in a .wim file. /CheckIntegrity detects and tracks .wim file corruption when used with capture, unmount, or mount. This option stops the operation if DISM detects that the .wim file is corrupted when used with apply or verify. /Verify checks for errors and file duplication. /NoRpFix disables the reparse point tag fix. A reparse point is a file that contains a link to a specified path. Reparse points that resolve to paths outside of the value specified by /ImageFile are not fixed.</p> <pre>Dism /Capture-Image /ImageFile:install.wim /CaptureDir:D:\ /Name:Drive-</pre>
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Run the imagex.exe command and specify the /append parameter.

[http://technet.microsoft.com/en-us/library/cc749447\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc749447(v=ws.10).aspx)

The screenshot shows the Microsoft TechNet page for the `imagex /append` command. It includes the command syntax, descriptions for each parameter, and two important notes. The notes advise running the command from Windows PE and note that a .wim file can have only one assigned compression type.

Important:
You must run this option from the Windows Preinstallation Environment (Windows PE). In addition to the `/append` option to run. If you run out of disk space during the `/append` option, you might not be able to complete the operation.

Important:
The .wim file can have only one assigned compression type; therefore, you can append only files with the same compression type. You cannot append files with different compression types to a single .wim file.

Parameters:

- `/image_path`**: Specifies the name and the location of the existing .wim file to append.
- `/image_file`**: Specifies the name and the location of the volume image that appends the existing file.
- `"description"`**: Specifies the text that provides additional reference information. The straight quotation marks are required.
- `/boot`**: Marks a volume image as bootable. This option applies only to Windows PE images. Only one volume image can be marked as bootable.
- `/check`**: Checks the integrity of the .wim file. If not provided, existing checks are removed.
- `/config configuration_file.ini`**: Specifies the name and the location of the configuration file. You can rename this file as necessary.
- `/scroll`**: Scrolls output for redirection.
- `/verify`**: Enables file resource verification by checking for errors and file duplication. For example,

```
imagex /append d: d:\imaging\data.wim "Drive D" /verify
```

You can append a volume to an existing image. DISM and ImageX can both be used for this function.

Question: 10

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

You have a custom image of Windows 8 that contains a Windows Store application named Appl.

You need to remove App1 completely from the image. You must achieve the goal by using the minimum amount of administrative effort.

What should you do?

- A. Run the `dism.exe` command and specify the `/image` parameter and the `/Remove-Package` parameter.
- B. Run the `dism.exe` command and specify the `/image` parameter and the `/RemoveProvisionedAppxPackage` parameter.
- C. Run the `imagex.exe` command and specify the `/mountrw` parameter and the `/delete` parameter.
- D. Run the `imagex.exe` command and specify the `/mountrw` parameter and the `/cleanup` parameter.

Answer: B

Explanation:

You run `dism -online /Remove-ProvisionedAppxPackage /PackageName:<packagename>` to un-provision the Appx Packages. Removing or Updating Windows 8 built-in Windows Store apps causes Sysprep to fail.

The correct way of removing the package is to remove the package for the user running sysprep and also remove the provisioning. This can be done using the following Powershell cmdlets:

1. Import-Module Appx
2. Import-Module Dism
3. Get-AppxPackage -AllUser | Where PublisherId -eq 8wekyb3d8bbwe | Format-List -Property PackageFullName,PackageUserInformation

Notes:

- From the output of the above command, check the users for whom the package is showing up as **Installed**. Delete these user accounts from the reference machine, or log in to the machine using these user accounts and run Step 4 to remove the Appx Package.
- The above command lists all packages that were published by Microsoft and installed by any user of that reference machine. Since the machine is to be sysprepped, we assume that these user profiles no longer need the package.
- If you have manually provisioned apps belonging to other publishers, then use the command below to list them:

Get-AppxPackage -AllUser | Format-List -Property PackageFullName,PackageUserInformation

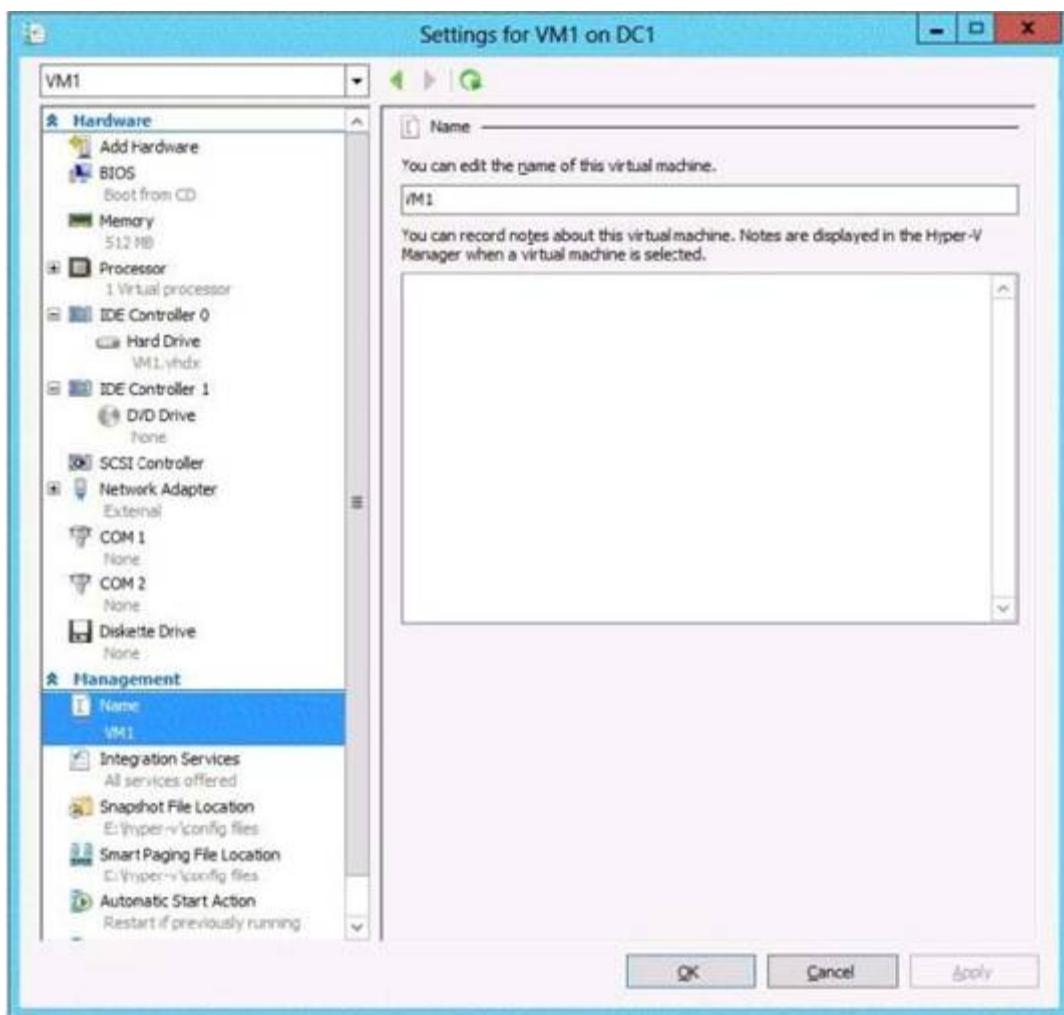
4. Remove-AppxPackage -Package <packagefullname>
5. Remove the Provisioning using the following cmdlet: Remove-AppxProvisionedPackage -Online -PackageName <packagefullname>

Note: The issue will not occur if you are servicing an offline image since then the provisioning is automatically cleared for all users, including the user who runs the command.

Question: 11

Your network contains a server named Server1 that runs Windows Server 2012. Server1 has the Windows Deployment Services server role installed.

You have a virtual machine named VM1. VM1 is configured as shown in the exhibit. (Click the Exhibit button.)



You need to ensure that you can capture an image of VM1 by using Windows Deployment Services (WDS). What should you do?

- Add a legacy network adapter to VM1 and a capture image to Server1.
- Add an install image and a capture image to Server1.
- Add a legacy network adapter to VM1 and a discovery image to Server1.
- Add a discovery image and a capture image to Server1.

Answer: A

Explanation:

Add a legacy network adapter to VM1 and a capture image to Server1.

Without the exhibit, we can only guess that the VM is configured without a legacy network adapter. PXE is only available on a legacy network adapter in HV.

Question: 12

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that have the Windows Deployment Services server role installed.

Server1 is located on the same network segment as the client computers. Server2 is a standalone Windows Deployment Services (WDS) server that is used for testing. Server2 is located on a different network segment than the client computers.

You add a new image of Windows 8 named TestImage to Server2. You plan to deploy the image to several test client computers.

You need to ensure that when the test client computers start, they connect automatically to WDS on Server2. What should you use to start the client computers?

- A. The Windows 8 installation media
- B. PXE
- C. A discover image
- D. A boot image

Answer: C

Explanation:

A discover image is a type of boot image that you can use to install an operating system on a computer that is not capable of network booting using the Pre-Boot Execution Environment (PXE). You may want to use a discover image in the following scenarios: A client is not PXE-enabled. A client is on a different subnet and you do not have method of getting PXE to the client (for example, IP helper tables or Dynamic Host Control Protocol (DHCP)). You have many Windows Deployment Services servers and want to target a specific server. When you boot a computer into a discover image, the Windows Deployment Services client will locate a Windows Deployment Services server, and then you can choose the install image you want to install. You can specify a destination server and the discover image will locate and install the image from the server automatically. You can also configure discover images to target a specific Windows Deployment Services server. This means that if you have multiple servers in your environment, you can create a discover image for each one, and then name them based on the name of the server. Creating Discover Images.

Question: 13

Your network contains a server named Server1 that runs Windows Server 2012.

You plan to deploy Windows 8 to 200 client computers to meet the following requirements:

☞ Ten executive users must be able to use an application named App1. Other users must not be able to use App1. ☞ All users must be able to use Microsoft Office 2010 when their client computer is disconnected from the network. The solution must ensure that the amount of hard disk space used to store the images of Windows 8 is minimized. You need to recommend an image deployment solution that meets the requirements of the planned deployment. Which solution should you recommend?

- A. Deploy an image of Windows 8. Deploy Office 2010 by using Microsoft Application Virtualization (App-V). Deploy App1 by using Group Policy Software Installation.
- B. Deploy an image of Windows 8 that contains Office 2010. Deploy App1 by using Group Policy Software Installation.
- C. Deploy an image of Windows 8 that contains Office 2010. Deploy an image of Windows 8 that contains Office 2010 and App1.
- D. Deploy an image of Windows 8. Deploy App1 and Office 2010 as RemoteApp programs.

Answer: A

Question: 14

You have a server named Server1 that runs Windows Server 2012.

You install the Windows Deployment Services server role on Server1.

You plan to deploy Windows 8 to client computers by using Windows Deployment Services (WDS).

You need to identify which images are required for the planned deployment. The solution must use the minimum

amount of images.

Which images should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. a boot image
- B. an install image
- C. a capture image
- D. a discover image

Answer: A,B

Explanation:

After you have at least one boot and one install image on the server, you can deploy an install image. The question doesn't state that you need to capture an existing machine, so you can just use the .wim from the install media. The question does not specify whether clients have enabled or disable the PXE, therefore, the PXE is enable in the clients and not necesary a discover image <http://technet.microsoft.com/en-us/library/jj648426.aspx>

Question: 15

Your network contains an Active Directory domain named contoso.com. The domain contains a server that runs Windows Server 2012. You have an offline image of Windows 8. You download and extract 10 updates from Microsoft Update.

You plan to deploy the updates to the image.

You need to identify which updates can be fully installed while the image is offline.

What should you do?

- A. On Server1, run dism.exe and specify the /mountrw parameter and the /getmountedwiminfo parameter.
- B. On Server1, run the Mount-WindowsImage cmdlet, and then run the Get-WindowsImage cmdlet.
- C. On Server1, run the Mount-WindowsImage cmdlet, and then run the Get-WindowsPackage cmdlet.
- D. On Server1, run dism.exe and specify the /mount parameter and the /get-wiminfo parameter.

Answer: C

Explanation:

On Server1, run the Mount-WindowsImage cmdlet, and then run the Get-WindowsPackage cmdlet. Get-WindowsPackage The Get-WindowsPackage cmdlet gets information about all packages in a Windows image or about a specific package that is provided as a .cab file. Use the Online parameter to specify the running operating system on your local computer, or use the Path parameter to specify the location of a mounted Windows image. Use either the PackageName or PackagePath parameter to get more detailed information about a specific package in the Windows image such as whether the package can be installed completely offline without booting the image. You cannot use this command to obtain detailed package information for .msu files, only .cab files.

Question: 16

Your network contains an Active Directory domain named contoso.com. The domain contains a Windows Server Update Services (WSUS) server.

The domain has Microsoft System Center 2012 Configuration Manager and Microsoft System Center 2012 Virtual Machine Manager (VMM) deployed.

Users in the finance department connect to a managed pooled virtual desktop collection.

You need to recommend a strategy to apply operating system updates to the virtual desktops used by the finance users. What should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Manually update a base image and recreate the collection.
- B. From Configuration Manager, configure software updates.
- C. Configure an intranet Microsoft update service location by using Group Policy.
- D. From VMM, perform Update Remediation.

Answer: A

Explanation:

Configuring Software Updates in Configuration Manager

Software update point-based installation

- Can use your existing software updates infrastructure to manage the client software.
- Can automatically install the client software on new computers if Windows Server Update Services (WSUS) and Group Policy settings in Active Directory Domain Services are configured correctly.
- Does not require computers to be discovered before the client can be installed.
- Computers can read client installation properties that have been published to Active Directory Domain Services.
- Will reinstall the client software if it is removed.
- Does not require you to configure and maintain an installation account for the intended client computer.r.

Question: 17

Your network contains an Active Directory domain named contoso.com. The domain contains a Virtual Desktop Infrastructure (VDI). The VDI contains three servers. The servers are configured as shown in the following table.

Server name	Role service
Server1	<ul style="list-style-type: none">• Remote Desktop Connection Broker• Remote Desktop Web Access
Server2	<ul style="list-style-type: none">• Remote Desktop Virtualization Host
Server3	<ul style="list-style-type: none">• Remote Desktop Virtualization Host

You need to identify the last 30 users who attempted to connect to a virtual desktop.

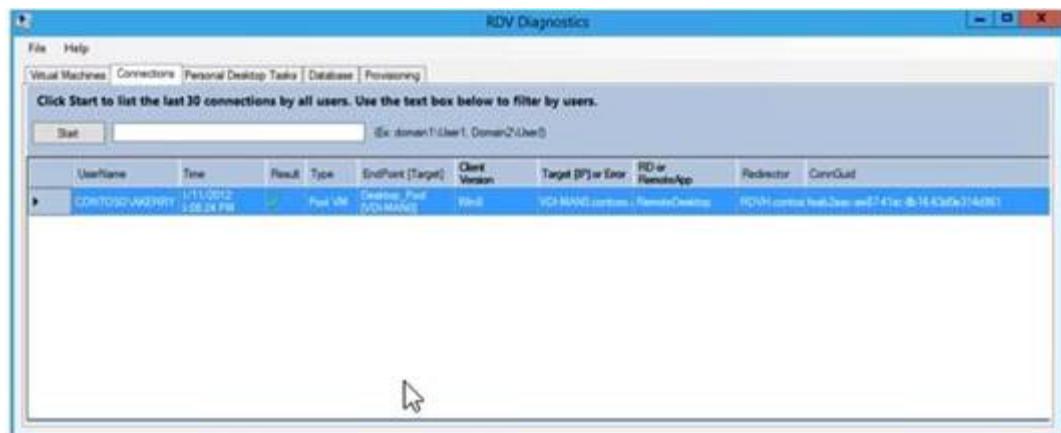
What should you do?

- A. On Server1, create a Data Collector Set (DCS) by using Performance Monitor.
- B. On Server1, run rdvdiag.exe.
- C. On Server2 and Server3, run rdvdiag.exe.
- D. On Server2 and Server3, create a Data Collector Set (DCS) by using Performance Monitor.

Answer: B

Explanation:

Found in a MS .doc file concerning the troubleshooting of VDI deployment: RDVDiag must be run on the Connection Broker server that is used to managed the deployment using RDMS. The Connections tab in rdvdiag.exe lists all of the connections to the collections in the deployment. Click Start to list the last 30 connections and display the ConnGuid field, which is the Connection GUID for that connection.



RDVDIAG

RDVDIAG is a tool that can be used to extensively troubleshoot RDS issues in Windows Server 2012 and is only intended to be used in very specific cases where all other troubleshooting methods have failed. According to Microsoft the following functionality can be performed by the tool:

- Displays information about all of the collections that are being managed in the deployment, including virtual machine specific configuration.
- Displays information about the last 30 connections to a collection, including the Connection GUID.
- Dumps the Connection Broker database contents
- Displays the VM provisioning job report

Keep in mind though that with Windows Server 2012, troubleshooting the installation and configuration of RDS has become much easier with the new logfile called RdmsDeploymentUI.txt.

Question: 18

Your network contains a managed pooled virtual desktop collection named Collection1. Collection1 contains five virtual desktops named VD1, VD2, VD3, VD4, and VD5.

You need to deploy an application named App1 to the virtual machines. App1 must be available as quickly as possible to every user who uses a virtual desktop.

What should you do?

- A. Run the Recreate All Virtual Desktops wizard, and then install App1 on the parent virtual machine.
- B. Install App1 on the parent virtual machine, and then run the Recreate All Virtual Desktops wizard.
- C. Run the Recreate All Virtual Desktops wizard, and then install App1 on each virtual desktop.
- D. Install App1 on each virtual desktop, and then run the Recreate All Virtual Desktops wizard.

Answer: B

Explanation:

Hyper-V Virtual Machine (VM) Parent-Child Configuration Using Differencing Disks One way to optimize disk space and reduce the number of times that you have to install and update a released operating system is to create parent child configurations using differencing disks in Hyper-V. For example, if you need to install a test lab that will employ three Windows Server 2008 R2 installations: one configured as a domain controller, another configured as an Exchange Server, and a third configured as a SQL Server, you could use a Parent-Child Differencing disk configuration to save the time of installing and updating the Windows Server 2008 R2 installation for all three of those virtual machines. <http://social.technet.microsoft.com/wiki/contents/articles/1393.hyper-v-virtual-machine-vmparentchild-configuration-using-differencing-disks.aspx#InstallOS>

Question: 19

Your network contains a Virtual Desktop Infrastructure (VDI). The VDI contains five Hyper-V hosts. The Hyper-V hosts are in a failover cluster.

You need to recommend a solution to distribute automatically the virtual desktops based on the current resource usage of the Hyper-V hosts.

What should you include in the recommendation?

- A. Microsoft System Center 2012 virtual Machine Manager (VMM)
- B. Hyper-V Replica Broker
- C. Windows System Resource Manager (WSRM)
- D. Microsoft System Center 2012 Configuration Manager

Answer: A

Question: 20

Your network contains an Active Directory domain named contoso.com. The domain has Microsoft System Center 2012 Configuration Manager deployed.

You use Configuration Manager to deploy Windows updates to client computers.

Your company has several line-of-business applications deployed. The application developer uses Windows Installer patches (.msp files) to provide the company with application updates.

You need to recommend a solution to integrate the deployment of the application updates into the current update infrastructure.

What should you include in the recommendation?

- A. Windows Assessment and Deployment Kit (Windows ADK)
- B. Microsoft Deployment Toolkit (MDT)
- C. Microsoft Security Compliance Manager
- D. Microsoft System Center Updates Publisher 2011

Answer: D

Explanation:

System Center Updates Publisher 2011 is an application that can be used with System Center Configuration Manager to enable independent software vendors or line-of-business application developers and IT administrators to: Import software updates from catalogs created by non-Microsoft organizations or created from within the administrator's organization Create and modify software update definitions Create applicability and deployment metadata for software updates Export software update definitions to other Updates Publisher 2011 consoles Publish software updates to a configured update server By using Updates Publisher to define software updates and publish them to the update server, administrators you can begin detecting and deploying published software updates with System Center Configuration Manager to client and server computers in your organization. New in System Center Updates Publisher 2011 An improved user interface that allows better control of managing software updates. A new automatic publication type with which Updates Publisher 2011 can query Configuration Manager to determine whether the selected software update or software update bundle is published with full content or only metadata. A new Software Update Cleanup Wizard that you can use to expire software updates that exist on the update server, but are not in the Updates Publisher 2011 repository. The ability to create Software Update bundles. The ability to define prerequisite updates and superseded updates as part of a software update definition Hyperlink

Question: 21

Your company has offices in New York and Sydney.

The network contains an Active Directory domain named contoso.com. An organizational unit (OU) exists for each office. The New York office contains a Virtual Desktop Infrastructure (VDI). All of the users in the New York office access virtual desktops. You need to recommend a virtual desktop deployment strategy for the Sydney office users.

The solution must meet the following requirements:

User settings must be retained between sessions.

All of the users must be assigned their own virtual desktop.

Group Policies linked to the Sydney office OU must apply to all of the virtual desktops that are used by the Sydney office users.

What should you do?

- A. Create a new managed personal virtual desktop collection.
- B. Link a Group Policy object (GPO) to the Sydney office OU and specify the User Rights Assignment settings.
- C. Create a new managed pooled virtual desktop collection.
- D. Link a Group Policy object (GPO) to the Sydney office OU and specify the Restricted Groups settings.

Answer: A

Explanation:

According to Microsoft "Personal virtual desktops are permanently assigned to a user account and the user logs on to the same virtual desktop each time." What is a personal virtual desktop? - A personal virtual desktop is a virtual machine hosted on a Remote Desktop Virtualization Host (RD Virtualization Host) server and assigned to a user. Unlike a virtual desktop pool, where a virtual machine can be configured to rollback the changes when a user logs off, a personal virtual desktop retains all changes made by the user. How do you assign a personal virtual desktop? - The Remote Desktop Connection Broker Manager (RD Connection Broker Manager) can be used to assign an unassigned virtual machine to a user. The assignment is stored in Active Directory. The assignment stays intact even after the user logs off from his or her assigned personal virtual desktop. An administrator can reassign a personal virtual desktop or make changes to the assignment through RD Connection Broker Manager.

<http://blogs.msdn.com/b/rds/archive/2009/11/16/personal-virtual-desktops.aspx>

http://deploymywindows.blogspot.com.es/2012/10/windows-server-2012-virtualdesktop_9500.html

Question: 22

Your network contains an Active Directory domain named contoso.com. The domain contains a Virtual Desktop Infrastructure (VDI). The VDI contains four servers. The servers You need to recommend a solution to track the amount of time required to create virtual desktops.

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

What should you include in the recommendation?

- A. From Event Viewer on Server2, enable Analytic and debug logging.
- B. From Event Viewer on Server1, enable Analytic and debug logging.
- C. From Group Policy Object Editor on Server2, configure the Advanced Audit Policy.
- D. From Group Policy Object Editor on Server1, configure the Advanced Audit Policy.

Answer: B

Explanation:

Enable debug logging for RDS deployments (RDMS) in Windows Server 2012

by Freek Berson [Published on 4 July 2012 / Last Updated on 26 March 2013]



This tip shows you how to configure debugging for RDMS deployments in Windows Server 2012

In case of troubleshooting an issue with Scenario Based deployment or Collection Creation with RDS in Windows Server 2012, RDMS UI Logs should be enabled. They can be enabled by using Event Viewer and adding a SYSTEM environment variable to the server running the Remote Desktop Management Service console plugin.

To do so:

- Open an administrative command prompt, create a system environment variable "RDMSUI_TRACING" and set it to 1.
- Next open Server Manager from the same command prompt
- Then open the Event Viewer, click View in the Menu Bar, and then click Show Analytic and Debug Logs.
- Now navigate to the path: Applications and Services Logs \ Microsoft \ Windows \ RDMS-UI \ Debug and select debuglog and then select "Enable Log".

<http://www.virtualizationadmin.com/kbase/VirtualizationTips/DesktopVirtualization/MicrosoftVirtualDesktopInfrastructureTips/General/EnabledebugloggingforRDSdeploymentsRDMSinWindowsServer2012.html>

Question: 23

Your company has a main office and a branch office.

The network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2012. Server1 has the Windows Server Update Services server role installed and configured.

Server1 is located in the main office. Server2 is located in the branch office.

You plan to install Windows Server update Services (WSUS) on Server2.

You need to configure the update infrastructure to meet the following requirements:

Only updates approved by the administrator in the main office must be installed on client computers in the branch office.

The local administrator in the branch office must not be able to approve updates.

Bandwidth usage between the offices must be minimized.

What should you do?

- A. Configure Server2 as a downstream server in autonomous mode.
- B. On Server1, configure a computer group that contains the client computers in the branch office, and then set the approvals to Automatic.
- C. On Server1, configure a client computer group that contains Server2, and then set the approvals to Automatic.
- D. Configure Server2 as a downstream server in replica mode.

Answer: D

Explanation:

WSUS server hierarchies

You can create complex hierarchies of WSUS servers. Since you can synchronize one WSUS server with another WSUS server instead of with Microsoft Update, you need to have at least one WSUS server that is connected to Microsoft Update. When you link WSUS servers together, there is an upstream WSUS server and a downstream WSUS server, as shown in the "WSUS Server Hierarchy" illustration below.

There are two ways to link WSUS servers together:

Autonomous mode: An upstream WSUS server shares updates with its downstream server or servers during synchronization, but not update approval status or computer groups. Downstream WSUS servers must be administered separately. Autonomous servers can also synchronize updates for a set of languages that is a subset of the set synchronized by the upstream server.

Replica mode: An upstream WSUS server shares updates, approval status, and computer groups with its downstream server or servers. Downstream replica servers inherit update approval status and computer groups from their upstream WSUS server.

For more information see [Choose a WSUS Management Style](#).



This type of configuration is useful for many types of deployment. You might use it to download updates once from the Internet and then distribute those updates to branch servers, saving bandwidth on your Internet connection. You might use it to scale WSUS in a large organization with more client computers than one WSUS server can manage, moving updates closer to where they will be deployed.

Three levels is the recommended limit to a WSUS server hierarchy. This is because each level adds additional lag time to propagate updates throughout the chain. Theoretical maximum you can go, but only deployments with a hierarchy five levels deep have been tested.

The downstream server must always synchronize to an upstream server, as in the "WSUS Server Hierarchy" illustration above. This keeps synchronizations traveling downstream. If you synchronize an upstream server to a downstream server, you effectively create a closed loop, which is not supported. You can find step-by-step instructions for synchronizing a WSUS Hierarchy of WSUS Servers later in this guide.

When you set up a WSUS server hierarchy, you should point Automatic Updates on all WSUS servers to the farthest downstream WSUS server in the hierarchy. This shields the servers from to-server protocol-breaking changes, because the downstream WSUS server can be used to update the broken upstream WSUS servers via Automatic Updates.

Question: 24

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that have the Windows Deployment Services server role installed.

You use Windows Deployment Services (WDS) to deploy operating systems to client computers.

Server1 contains two boot images and two install images of Windows 8.

You copy the images to the appropriate WDS image folders on Server2.

You need to ensure that you can use the images on Server2 to install the client computers.

What should you do on Server2?

- A. Run wdsutil.exe and specify the /bcdrefreshpolicy parameter.
- B. Run bcdboot.exe and specify the /addlast parameter.
- C. Run wdsutil.exe and specify the /resetbootprogram parameter.
- D. Run bcdboot.exe and specify the fm parameter.

Answer: A

Explanation:

WDSUTIL /set-server /BcdRefreshPolicy /Enabled:yes /RefreshPeriod:<time in minutes> Causes the server to regenerate BCD stores in the \Tmp folder for all boot images. If you do not configure this policy or if your refresh period is too long, network boots will fail with the following error message: "The boot selection failed because a required device is inaccessible." (0xc000000f). This is because the server must be regenerate the corresponding BCD before a client can receive a boot image from the server.

Question: 25

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has the Windows Deployment Services server role installed.

Server1 hosts a single install image of Windows 8 (x64) and 200 driver groups. Each driver group has a different set of filters configured.

You are preparing to deploy windows 8 to a new hardware model.

You need to recommend a solution to identify which drivers from the existing driver groups will be deployed to the new hardware model.

new hardware model.
What should you do first?

- A. Create a prestaged device.
- B. Create a capture image.
- C. Install Microsoft Deployment Toolkit (MDT) 2012.
- D. Install the Microsoft Assessment and Planning (MAP) Toolkit.

Answer: A

Explanation:

The Expected Deployment Results Wizard is a new feature in Windows 2012 Server WDS, which allows administrators to view deployment information - such as the set of matching driver groups that would be sent to a prestaged device. It enables administrators to model the process of deploying a computer and seeing what boot images, install images, driver groups the computer will be offered from the server.

It is designed to help administrators efficiently test configuration changes to their servers and see how they impact deployments to all or specific (prestaged) computers. The tool is especially valuable when used to test some of the advanced configuration options afforded by the WDS infrastructure for custom deployments.

Question: 26

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains a file server named Server1. Server1 contains a shared folder named Share1.

The domain has Microsoft System Center 2012 Configuration Manager deployed. All client computers run Windows 7. You plan to upgrade all of the client computers in the marketing department to Windows 8. You will migrate the user settings by using the User State Migration Tool (USMT).

You need to capture the user state on each client computer. The solution must exclude offline files from the captured data.

a.

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
Modify the Miguser.xml file.	
Run scanstate.exe /genconfig:config.xml.	
Modify the Config.xml file.	
Run scanstate.exe \\server1\share1 / config:config.xml.	
Run scanstate.exe /offline:config.xml.	

Answer:

Actions	Answer Area
Modify the Miguser.xml file.	
Run scanstate.exe /genconfig:config.xml.	Run scanstate.exe /genconfig:config.xml.
Modify the Config.xml file.	Modify the Config.xml file.
Run scanstate.exe \\server1\share1 / config:config.xml.	Run scanstate.exe \\server1\share1 / config:config.xml.
Run scanstate.exe /offline:config.xml.	

Question: 27

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has Microsoft System Center 2012 Configuration Manager installed. All client computers run Windows 7.

You plan to deploy Windows 8 to all of the client computers.

You discover that the Client Replace Task Sequence task sequence is unavailable from the Configuration Manager console.

You need to ensure that the Client Replace Task Sequence task sequence is available from Configuration Manager.

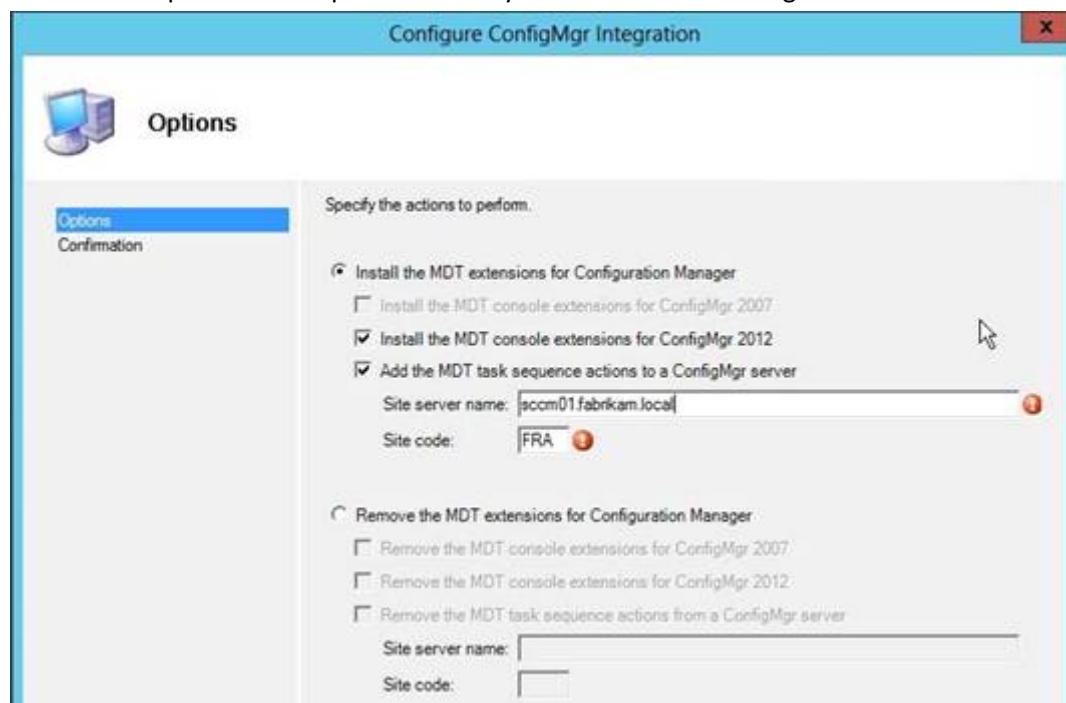
What should you install on Server1?

- A. The Windows Automated Installation Kit (Windows AIK)
- B. The System Center 2012 Configuration Manager Toolkit
- C. The Windows Assessment and Deployment Kit (Windows ADK)
- D. Microsoft Deployment Toolkit (MDT) 2012

Answer: D

Explanation:

The Client Replace Task Sequence will only be available if we integrate MDT in SCCM:



Question: 28

Your company has a main office and five branch offices.

The network contains an Active Directory domain named contoso.com. The domain contains 500 client computers. All of the client computers run Windows 7. An Active Directory site exists for each office.

You plan to deploy a custom image to the client computers.

You need to recommend a deployment solution to meet the following requirements:

- ☞ Each computer must be able to download the image from a server in the local office.
- ☞ User interaction during the deployment must not be required.
- ☞ You must be able to deploy the images after business hours.

What should you include in the recommendation?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Deploy Microsoft Deployment Toolkit (MDT) 2012 in the main office and a Windows Deployment Services (WDS) server in each office.
- B. Deploy Microsoft System Center 2012 Orchestrator in the main office and a Windows Deployment Services (WDS) server in each office.
- C. Deploy Microsoft System Center 2012 Configuration Manager in the main office and a distribution point in each office.
- D. Deploy Microsoft Deployment Toolkit (MDT) 2012 and Microsoft System Center 2012 Configuration Manager in each office.

Answer: C

Question: 29

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has Microsoft System Center 2012 Configuration Manager installed. Configuration Manager has all of the system roles enabled.

The domain contains 500 client computers that run Windows XP.

You need to install Windows 8 on all of the client computers by running a full installation from a Configuration Manager task sequence.

The solution must meet the following requirements:

- ☞ All user state data must be copied to a secure network location before the installation of Windows 8.
- ☞ All user state data must be retained on the network after the installation of Windows 8.

Which five actions should you include in the task sequence?

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
Capture the operating system image.	
Capture the user files and settings.	
Enable BitLocker Drive Encryption (Bitlocker).	
Apply the Network settings.	
Restore the user files and settings.	
Request the user state storage.	

Answer:

Actions	Answer Area
Capture the operating system image.	Capture the operating system image.
Capture the user files and settings.	Request the user state storage.
Enable BitLocker Drive Encryption (Bitlocker).	Capture the user files and settings.
Apply the Network settings.	Apply the Network settings.
Restore the user files and settings.	Restore the user files and settings.
Request the user state storage.	Restore the user files and settings.

Question: 30

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

You have 20 secure client computers that do not have DVD drives or USB ports. The client computers run Windows XP and use an application named App1. App1 only runs on Windows XP. The client computers have multiple partitions.

You need to configure the client computers to dual-boot between Windows XP and Windows 8.

You copy the Windows 8 source files to a network share.

What should you do next from the network share?

- A. Copy Install.wim to the local hard disk drive, and then run bcdedit.exe.
- B. Copy Boot.wim to the local hard disk drive, and then run bcdboot.exe.
- C. Run dism.exe.
- D. Run setup.exe.

Answer: D

Question: 31

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2008 R2.

You install Microsoft System Center 2012 Configuration Manager on Server1.

You need to ensure that you can perform bare metal installations of Windows 8 over the network.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. From Server Manager on Server2, install the Application Server server role.
- B. From the Configuration Manager console, add Server2 as a distribution point.
- C. From Server Manager on Server2, install the Windows Internal Database feature.
- D. From the Configuration Manager console, enable PXE support for clients.
- E. From Active Directory Users and Computers, configure the delegation settings of the Server2 computer account.
- F. From Active Directory Users and Computers, configure the delegation settings of the Server1 computer account.

Answer: A,B

Question: 32

Your network contains an Active Directory domain named contoso.com. The domain has Microsoft System Center 2012 Configuration Manager installed.

You need to ensure that you can modify boot images by using the Configuration Manager console.

What should you do?

- A. Create a custom task sequence.
- B. Install the Windows Automated Installation Kit (Windows AIK).
- C. Install Microsoft Deployment Toolkit (MDT) 2012.
- D. Create a deployment package.

Answer: C

Explanation:

SCCM 2012 SP1 RTM will install the Windows 7 AIK (PE 3.0 Boot images) automatically. This seems to be a bug. There is no auto created USMT package available. I could not import Win8 nor Win12 wim files. Windows 7 AIK should be uninstalled and replaced with the Windows 8 ADK (PE 4.0 Boot images). ADK is listed as a prerequisite for SCCM 2012 SP1 - apparently it won't work properly

without it (images, USMT package ...) Whatever, ADK is not an answer option here and AIK is not supported. We could modify the boot image properties in console, but that is not an option too. I think the best answer choice would be MDT, it will allow us to modify / create a boot image. If you'll get the answer option ADK - I think that would be right, as it is the prerequisite for the proper boot image architecture.

Question: 33

Your network contains 100 virtual desktops that are hosted on a Remote Desktop Services (RD5) collection. All RDS servers run Windows Server 2012.

You need to recommend changes to the Remote Desktop environment to meet the following requirements:

☞ Minimize the amount of bandwidth used by Remote Desktop sessions. ☞ Minimize the amount of hardware resources used by the RDS servers.

What should you recommend changing?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. The screen resolution settings
- B. The Configure RemoteFx adaptative graphics Group Policy object (GPO) setting
- C. The Configure RemoteFx lossless graphics data Group Policy object (GPO) setting
- D. The Configure compression for RemoteFx data Group Policy object (GPO) setting

Answer: B

Explanation:

A group policy that limits screen resolution settings will save the most bandwidth / and memory. GPO (C) Configure RemoteFX lossless graphics data does not exist. GPO (D) Configuring the RDP compression will increase performance, but has a tradeoff though there is a balanced setting, it will burn more memory, maybe even cpu cycles.

Configure RemoteFX Adaptive Graphics

Configure RemoteFX Adaptive Graphics Previous Setting Next Setting

Not Configured Comment:

Enabled

Disabled

Supported on: At least Windows Server 2012, Windows 8 or Windows RT

Options:

RDP experience:

- Optimize for server scalability
- Let the system choose experience for network condition
- Optimize for server scalability
- Optimize for minimum bandwidth usage

Help:

This policy setting allows the administrator to configure the RemoteFX experience for Remote Desktop Session Host or Remote Desktop Virtualization Host servers. By default, the system will choose the best experience based on available network bandwidth.

If you enable this policy setting, the RemoteFX experience could be set to one of the following options:

1. Let the system choose the experience for the network condition
2. Optimize for server scalability
3. Optimize for minimum bandwidth usage

If you disable or do not configure this policy setting, the RemoteFX experience will change dynamically based on the network condition.

Configure compression for RemoteFX data

Configure compression for RemoteFX data Previous Setting Next Setting

Not Configured Comment:

Enabled

Disabled

Supported on: At least Windows Vista with Service Pack 1

Options:

RDP compression algorithm:

- Optimized to use less memory
- Optimized to use less memory
- Optimized to use less network bandwidth
- Balances memory and network bandwidth
- Do not use an RDP compression algorithm

Help:

This policy setting allows you to specify which Remote Desktop Protocol (RDP) compression algorithm to use.

By default, servers use an RDP compression algorithm that is based on the server's hardware configuration.

If you enable this policy setting, you can specify which RDP compression algorithm to use. If you select the algorithm that is optimized to use less memory, this option is less memory-intensive, but uses more network bandwidth. If you select the algorithm that is optimized to use less network bandwidth, this option uses less network bandwidth, but is more memory-intensive. Additionally, a third option is available that balances memory usage and network bandwidth. In Windows 8 only the compression algorithm that balances memory usage and bandwidth is used.

You can also choose not to use an RDP compression algorithm. Choosing not to use an RDP compression algorithm will use more network bandwidth and is only recommended if you are using a hardware device that is designed to optimize network.

Question: 34

Your network contains two Remote Desktop Services (RDS) session collections named Collection 1 and Collection2. Each user has a laptop computer that runs Windows 8.

The users frequently log on to sessions in Collection1 and Collection2.

You need to recommend a user state virtualization solution to meet the following requirements:

- ☞ Ensure that the user profiles remain the same when the users log on to their laptop computer and virtual desktop.
- ☞ Minimize the time required to log on.

What should you implement?

- A. Folder Redirection and user profile disks
- B. User profiles for Remote Desktop Services (RDS) and roaming profiles
- C. User profiles for Remote Desktop Services (RDS) and Folder Redirection
- D. Roaming profiles and Folder Redirection

Answer: D

Explanation:

Roaming User Profiles redirects user profiles to a file share so that users receive the same operating system and application settings on multiple computers. When a user signs in to a computer by using an account that is set up with a file share as the profile path, the user's profile is downloaded to the local computer and merged with the local profile (if present). When the user signs out of the computer, the local copy of their profile, including any changes, is merged with the server copy of the profile. Roaming User Profiles is typically enabled on domain accounts by a network administrator. Folder Redirection enables users and administrators to redirect the path of a known folder to a new location, manually or by using Group Policy. The new location can be a folder on the local computer or a directory on a file share. Users interact with files in the redirected folder as if it still existed on the local drive. For example, you can redirect the Documents folder, which is usually stored on a local drive, to a network location. The files in the folder are then available to the user from any computer on the network.

Considerations and Trade-Off Summary

	Central management of user data and settings	Performance	Application compatibility
User data management method			
Local user profiles	Not suitable for RDS farm scenarios	Faster logon experience	Does not introduce app compatibility issues
Roaming user profiles	<ul style="list-style-type: none"> -User data and settings backed up centrally -Recommended in RDS farm scenarios 	<p>Roaming profile downloaded over network, can slow down logon/logoff</p>	Applications may bloat profile size
Mandatory profiles	<ul style="list-style-type: none"> -Changes to users settings not preserved since a standard profile is applied -Can be useful in locked-down environments 	Standard profile size ensures consistent logon performance	Does not introduce app compatibility issues
Folder redirection	<ul style="list-style-type: none"> -User data backed up centrally (but not registry) -Used in combination with different profile types 	Can help improve logon speed when roaming profiles are deployed by reducing the size of roaming profile	Redirection of AppData folder may cause application compatibility issues – details in step 5 below

Question: 35

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012. Server1 has the Active Directory Certificate Services server role installed and is configured as an enterprise root certification authority (CA).

You plan to implement Encrypting File System (EFS) on all client computers.

Users use different client computers.

You need to prevent the users from receiving a different EFS certificate on each client computer.

What should you implement?

More than one answer choice may achieve the goal. Select the BEST answer.

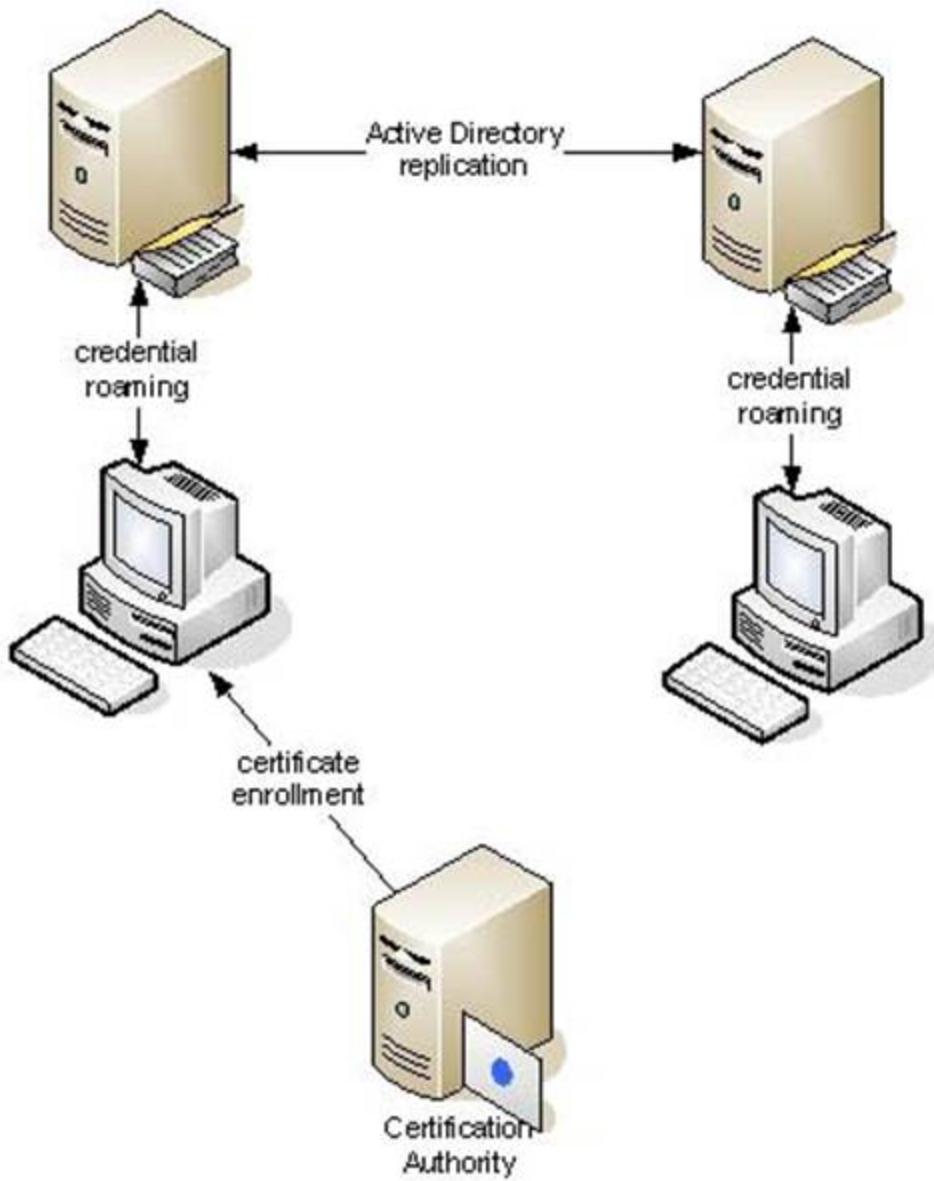
- A. Credential roaming
- B. Roaming user profiles
- C. PFX files on an external USB disk
- D. Folder Redirection

Answer: A

Explanation:

You must enable Credential roaming so that whatever machine a user logs on to, their credentials follow them. This may use up extensive space in Active Directory. A certificate is enrolled to a computer where a user is logged on interactively. With credential roaming, the certificate and also the corresponding key pair are uploaded into the user's

object in Active Directory about 10 seconds after certificate enrollment. If the domain consists of multiple domain controllers, Active Directory replication will make the updated user object available to all other domain controllers within the domain. If the same user who was previously enrolled for a certificate logs on to a different computer or terminal server session, credential roaming will synchronize the user's local certificate store with the certificates that are stored in Active Directory.



Question: 36

You plan to deploy a Virtual Desktop Infrastructure (VDI) that has RemoteFX USB redirection enabled. You need to identify which USB devices can be redirected to the Remote Desktop sessions. Which devices should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. a network adapter
- B. a smart card reader
- C. a webcam
- D. a Voice over IP (VoIP) headset
- E. a scanner

Answer: B,C,E

Explanation:

On a system where RemoteFX USB redirection is enabled, devices of the following types may not be listed in Remote Desktop Connection under the "Other Supported RemoteFX USB devices" category: Printer Audio Recording/Playback Mass Storage Device (examples include hard drives, CD/DVD-RW drives, flash drives, and memory card readers) Smart Card Reader PTP Camera MTP Media Player Apple iPod/iPod Touch/iPhone/iPad Blackberry PDA Windows Mobile PDA Network Adapter Additionally, composite devices containing a device interface corresponding to any of the above also may not be listed in Remote Desktop Connection under the "Other Supported RemoteFX USB devices" category. <http://support.microsoft.com/kb/2653326>

Question: 37

Your network contains an Active Directory domain named contoso.com. Domain controllers run either Windows Server 2008 R2 or Windows Server 2012. All client computers run Windows 8.

Each user has a laptop computer.

You enable Folder Redirection and you configure the Redirect folders on primary computers only Group Policy setting.

You need to ensure that user folders are redirected only when the users log on to their personal laptop computer.

What should you modify?

- A. The msDS-PrimaryComputer attribute of each computer
- B. The msDS-PrimaryComputer attribute of each user
- C. The msTSPPrimaryDesktop attribute of each user
- D. The msTSPPrimaryDesktop attribute of each computer

Answer: B

Explanation:

<http://www.grouppolicy.biz/2012/03/how-to-configure-a-primary-computer-a-k-amsdsprimarycomputer-property-in-windows-8/> <http://blogs.technet.com/b/filecab/archive/2012/03/30/configuring-primary-computers-for-folder-redirection-and-roaming-profiles-in-windows-server-8-beta.aspx>

Question: 38

Your network contains a Virtual Desktop Infrastructure (VDI).

You plan to deploy an application named App1 to the virtual desktops. App1 requires a minimum display resolution of 1280 x 1024

You need to identify the maximum number of virtual displays that each virtual desktop can use when running App1.

How many virtual displays should you identify?

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

Answer: B

Explanation:

<http://technet.microsoft.com/en-us/library/ff817602%28WS.10%29.aspx>

Maximum resolution	Maximum number of monitors in virtual machine setting			
	1 monitor	2 monitors	3 monitors	4 monitors
1024 x 768	75 MB	105 MB	135 MB	165 MB
1280 x 1024	125 MB	175 MB	225 MB	275 MB
1600 x 1200	184 MB	257 MB	330 MB	N/A
1920 x 1200	220 MB	308 MB	N/A	N/A
Note In addition to the previous video memory table, Windows Server 2008 R2 with SP1 has been tested for up to 12 virtual machines per GPU, for a total of 24 virtual machines on two physical GPUs, providing the necessary dedicated video memory. This number will continue to be refined in later releases.				

Question: 39

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

A Group Policy object (GPO) named LaptopSecurity is linked to an organizational unit (OU) named Laptops.

A corporate policy states that users who use a laptop computer are forbidden from using removable media.

a. You configure LaptopSecurity to prevent the users from installing removable devices on their laptop.

A user named User1 cannot install removable devices. However, User1 can read and execute applications from a removable device that the user used before you configured the GPO.

You need to ensure that the users cannot access any removable devices, even if the driver for the removable media was installed already on their laptop.

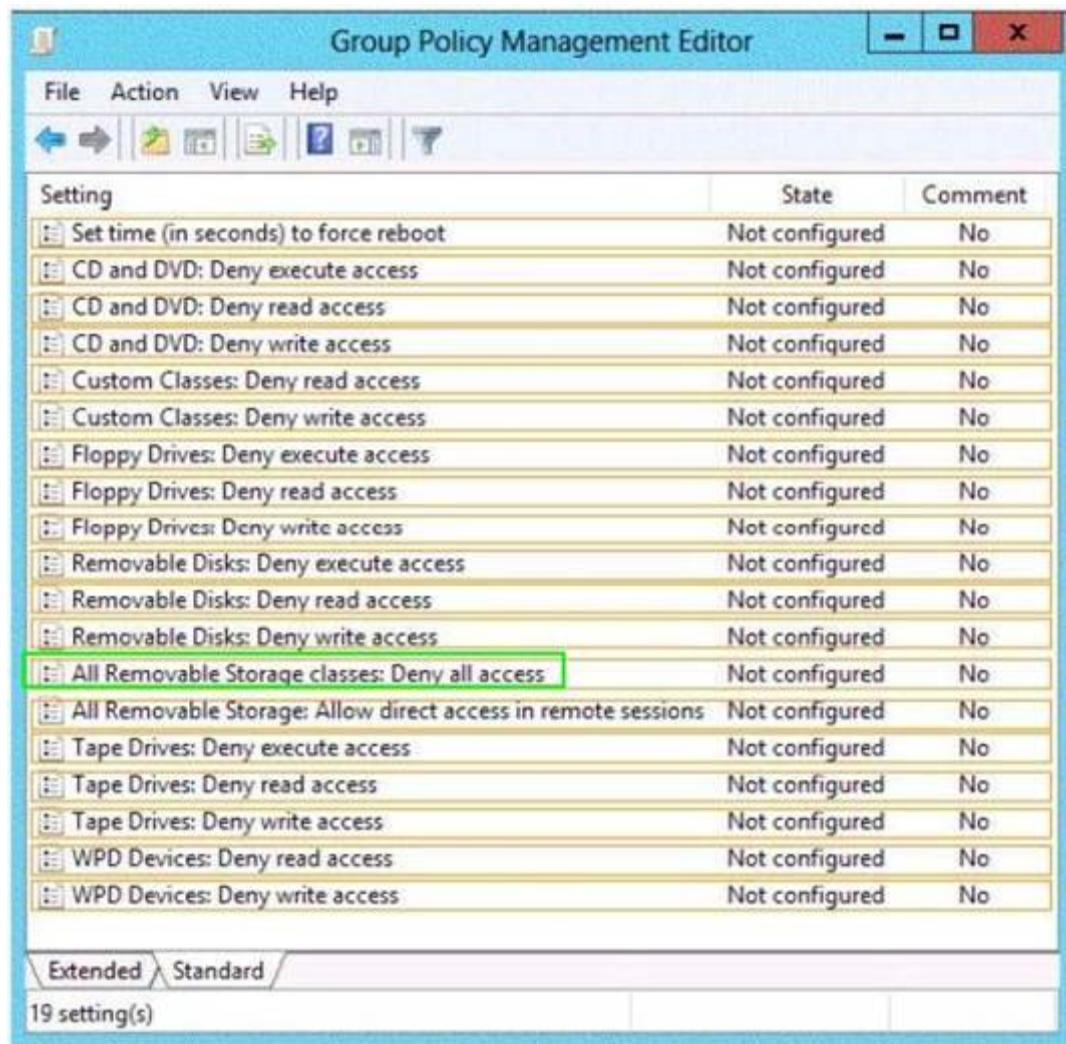
Which Removable Storage Access setting should you modify?

Group Policy Management Editor

The screenshot shows the Group Policy Management Editor window. The title bar reads "Group Policy Management Editor". The menu bar includes "File", "Action", "View", and "Help". Below the menu is a toolbar with icons for file operations like Open, Save, and Print. The main area is a table with three columns: "Setting", "State", and "Comment". The "Setting" column lists various device access policies, all of which are currently "Not configured" and marked with a "No" comment. The "State" column shows "Not configured" for all items. The "Comment" column shows "No" for all items. At the bottom left of the table, there are tabs for "Extended" and "Standard", with "Extended" being selected. At the bottom of the table, it says "19 setting(s)".

Setting	State	Comment
Set time (in seconds) to force reboot	Not configured	No
CD and DVD: Deny execute access	Not configured	No
CD and DVD: Deny read access	Not configured	No
CD and DVD: Deny write access	Not configured	No
Custom Classes: Deny read access	Not configured	No
Custom Classes: Deny write access	Not configured	No
Floppy Drives: Deny execute access	Not configured	No
Floppy Drives: Deny read access	Not configured	No
Floppy Drives: Deny write access	Not configured	No
Removable Disks: Deny execute access	Not configured	No
Removable Disks: Deny read access	Not configured	No
Removable Disks: Deny write access	Not configured	No
All Removable Storage classes: Deny all access	Not configured	No
All Removable Storage: Allow direct access in remote sessions	Not configured	No
Tape Drives: Deny execute access	Not configured	No
Tape Drives: Deny read access	Not configured	No
Tape Drives: Deny write access	Not configured	No
WPD Devices: Deny read access	Not configured	No
WPD Devices: Deny write access	Not configured	No

Answer:



Setting	State	Comment
Set time (in seconds) to force reboot	Not configured	No
CD and DVD: Deny execute access	Not configured	No
CD and DVD: Deny read access	Not configured	No
CD and DVD: Deny write access	Not configured	No
Custom Classes: Deny read access	Not configured	No
Custom Classes: Deny write access	Not configured	No
Floppy Drives: Deny execute access	Not configured	No
Floppy Drives: Deny read access	Not configured	No
Floppy Drives: Deny write access	Not configured	No
Removable Disks: Deny execute access	Not configured	No
Removable Disks: Deny read access	Not configured	No
Removable Disks: Deny write access	Not configured	No
All Removable Storage classes: Deny all access	Not configured	No
All Removable Storage: Allow direct access in remote sessions	Not configured	No
Tape Drives: Deny execute access	Not configured	No
Tape Drives: Deny read access	Not configured	No
Tape Drives: Deny write access	Not configured	No
WPD Devices: Deny read access	Not configured	No
WPD Devices: Deny write access	Not configured	No

Extended Standard

19 setting(s)

Question: 40

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

You plan to implement Encrypting File System (EFS) to encrypt data on the client computer of each user. You need to prevent EFS from generating self-signed certificates. What should you use in Group Policy Management Editor?

To answer, select the appropriate Group Policy setting in the answer are

a.



Answer:



Question: 41

You need to recommend a WSUS topology that meets the security requirements.
What should you do?

- In the London office, install a WSUS server in replica mode. In the New York office, install a WSUS server in replica mode.
- In the London office, install a WSUS server in replica mode. In the New York office, install a WSUS server in autonomous mode.
- In the London office, install a WSUS server in autonomous mode. In the New York office, install a WSUS server in replica mode.
- In the London office, install a WSUS server in autonomous mode. In the New York office, install a WSUS server in autonomous mode.

Answer: B

Explanation:

A WSUS server running in replica mode inherits the update approvals and computer groups created on its parent WSUS administration server. You will typically have a single parent server with one or more downstream replica WSUS servers. You approve updates and create computer groups on the parent server, which the replica servers will then mirror.

Question: 42

You are planning the virtual desktop migration of the desktop computers for the sales department.

You need to recommend a solution that preserves the data stored on the sales users' desktop computers during the migration to Windows 8. The solution must meet the sales department requirements and the technical requirements. What should you recommend?

- A. On the client computers that run Windows XP, run usmtutils.exe.
- B. From Configuration Manager, configure the User and Device Affinity.
- C. On the client computers that run Windows XP, run scanstate.exe.
- D. From Configuration Manager, create computer associations.

Answer: D

Explanation:

The desktop computers of the sales users must be replaced by virtual desktops that run Windows 8: A computer association creates a relationship between a source and destination computer for the side-by-side migration of user state data. The source computer is an existing computer that is managed by Configuration Manager, and contains the user state data and settings that will be migrated to a specified destination

computer. You can also create a computer association when importing new computers into the Configuration Manager database by using the Import Computer Information Wizard. User device affinity in Microsoft System Center 2012 Configuration Manager is a method of associating a user with one or more specified devices. User device affinity can eliminate the need to know the names of a user's devices in order to deploy an application to that user. Instead of deploying the application to all of the user's devices, you deploy the application to the user. Then, user device affinity automatically ensures that the application install on all devices that are associated with that user. You can define primary devices. These are typically the devices that users use on a daily basis to perform their work. When you create an affinity between a user and a device, you gain more software deployment options. For example, if a user requires Microsoft Office Visio, you can install it on the user's primary device by using a Windows Installer deployment. However, on a device that is not a primary device, you might deploy Microsoft Office Visio as a virtual application. You can also use user device affinity to predeploy software on a user's device when the user is not logged in. Then, when the user logs on, the application is already installed and ready to run.

Question: 43

You need to recommend an image type to start the client computers in the London office. The solution must meet the migration requirements.

Which image type should you recommend?

- A. capture
- B. boot
- C. install

D. discover

Answer: D

Explanation:

- Ensure that the client computers in the London office that are not PXE-capable can download images from WDS.
- Reformat the existing disks in the London office during the migration to Windows 8. A discover image is a type of boot image that you can use to install an operating system on a computer that is not capable of network booting using the Pre-Boot Execution Environment (PXE). You may want to use a discover image in the following scenarios: A client is not PXE-enabled. A client is on a different subnet and you do not have method of getting PXE to the client (for example, IP helper tables or Dynamic Host Control Protocol (DHCP)). You have many Windows Deployment Services servers and want to target a specific server.

Question: 44

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that have Microsoft Deployment Toolkit (MDT) 2012 installed. Server1 is used for testing and Server2 is used to deploy images to production computers.

On Server1, you have several deployments of Windows 7 and Windows 8.

You need to replicate only the content related to the Windows 8 deployments from Server1 to Server2.

What three actions should you perform from the Deployment Workbench?

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
On Server1, create a linked deployment share.	
On Server2, create a linked deployment share.	
On Server1, create a selection profile.	
On Server2, run Update Deployment Share.	
On Server2, create a selection profile.	
On Server2, run Replicate Content.	
On Server1, run Replicate Content.	
On Server1, run Update Deployment Share.	

Answer:

Actions	Answer Area
On Server1, create a linked deployment share.	On Server2, create a selection profile.
On Server2, create a linked deployment share.	
On Server1, create a selection profile.	On Server1, create a linked deployment share.
On Server2, run Update Deployment Share.	
On Server2, create a selection profile.	On Server1, run Replicate Content.
On Server2, run Replicate Content.	
On Server1, run Replicate Content.	
On Server1, run Update Deployment Share.	

Question: 45

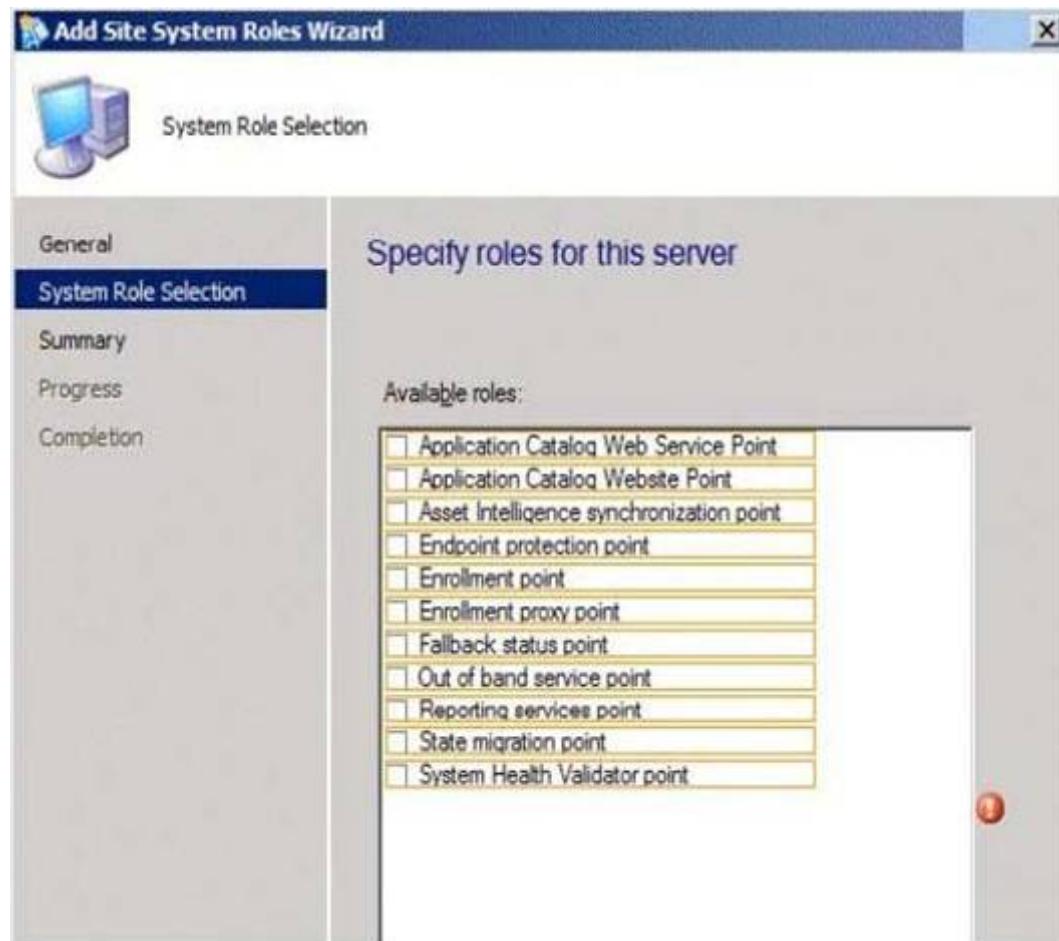
Your network contains an Active Directory domain named contoso.com. The domain has Microsoft System Center 2012 Configuration Manager deployed.

All client computers run Windows XP.

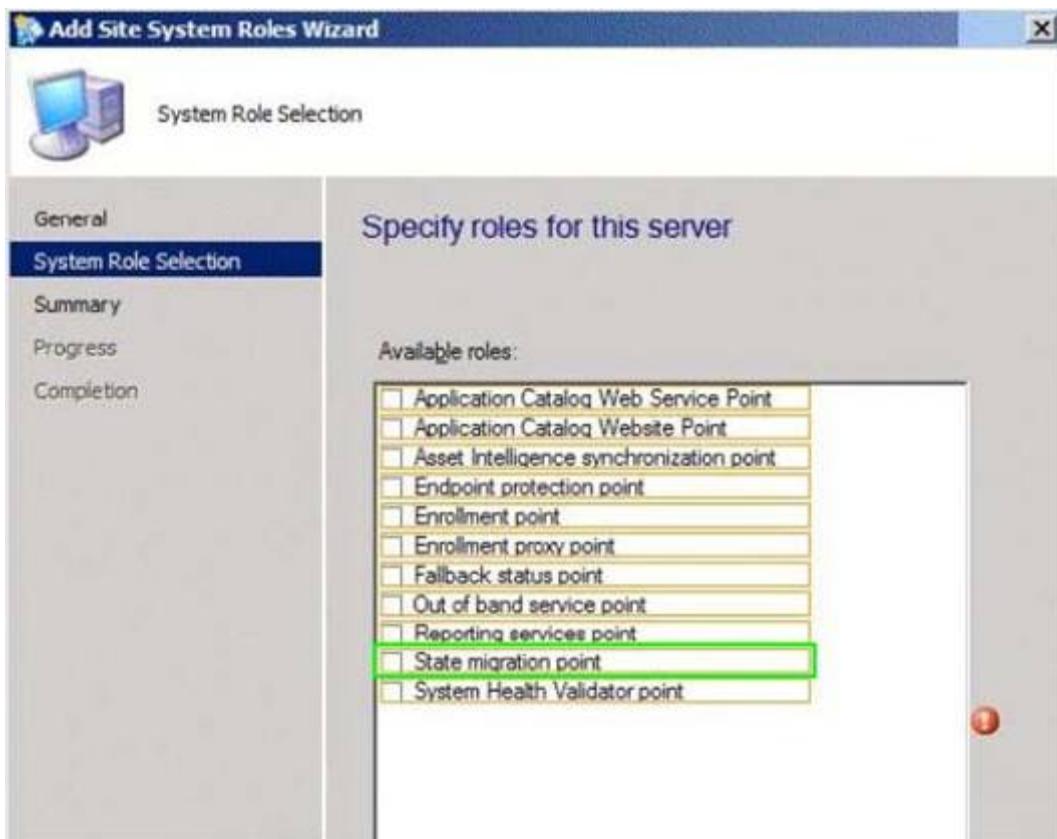
Your company plans to replace all of the client computers with new computers that run Windows 8.

You need to recommend which Configuration Manager system role must be deployed to capture the local application data from the Windows XP computers, and then deploy the local application data to the Windows 8 computers.

Which system role should you recommend?



Answer:

**Question: 46**

Your network contains an Active Directory domain named contcsc.com. The domain contains a server named Gateway1 that has the Remote Desktop Gateway role service installed.

You need to ensure that all of the users who connect to the Remote Desktop Session Host (RD Session Host) servers by using Gateway1 receive a custom logon message. The solution must prevent the message from appearing when the users connect to the RD Session Host servers directly.

What should you configure from Remote Desktop Gateway Manager?

- A. The RD Gateway-managed computer groups
- B. The properties of Gateway1
- C. The Remote Desktop resource authorization policies (RD RAPs)
- D. The Remote Desktop connection authorization policies (RD CAPs)

Answer: B

Question: 47

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that is a part of a Remote Desktop Services (RDS) deployment.

The computer account of Server1 is in an organizational unit (OU) named Servers. All of the client computers are in an OU named OU1.

Server1 has a session collection named Collection1 that contains multiple RemoteApp programs.

You need to prevent users from using printer redirection when they connect to Server1 by using the Remote Desktop client.

What should you do?

- A. Link a Group Policy object (GPO) to OU1. Configure the User Configuration settings of the GPO.
- B. Link a Group Policy object (GPO) to Servers. Configure the Computer Configuration settings of the GPO.
- C. Link a Group Policy object (GPO) to Servers. Configure the User Configuration settings of the GPO.
- D. Link a Group Policy object (GPO) to the Domain Controllers OU. Configure the Computer Configuration settings of the GPO.

Answer: B

Question: 48

Your company has a main office and multiple branch offices.

The network contains an Active Directory domain named contoso.com. All servers run Windows Server 2008 R2. All client computers run Windows 7.

All users are configured to use roaming profiles and Folder Redirection. Each user has a personal laptop computer and a personal desktop computer. Users occasionally log on to other computers.

The company introduces a new security policy, which requires that roaming profiles and redirected folders only be downloaded to the users' personal laptop computer and desktop computer.

You need to prepare the environment to meet the new security policy. You want to achieve this goal by using the minimum amount of administrative effort.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Upgrade the Active Directory schema to Windows Server 2012.
- B. Raise the domain functional level to Windows Server 2012.
- C. Upgrade all of the client computers to Windows 8.
- D. Raise the forest functional level to Windows Server 2012.
- E. Upgrade all of the domain controllers to Windows Server 2012.

Answer: B,E

Explanation: First upgrade the domain controller to Windows Server 2012, then raise the domain functional level to 2012.

Question: 49

Your network contains an Active Directory domain named contoso.com. The domain contains a Virtual Desktop Infrastructure (VDI).

You plan to create a pooled virtual desktop collection.

You need to ensure that users of the pooled virtual desktop collection store their data on a separate VHD.

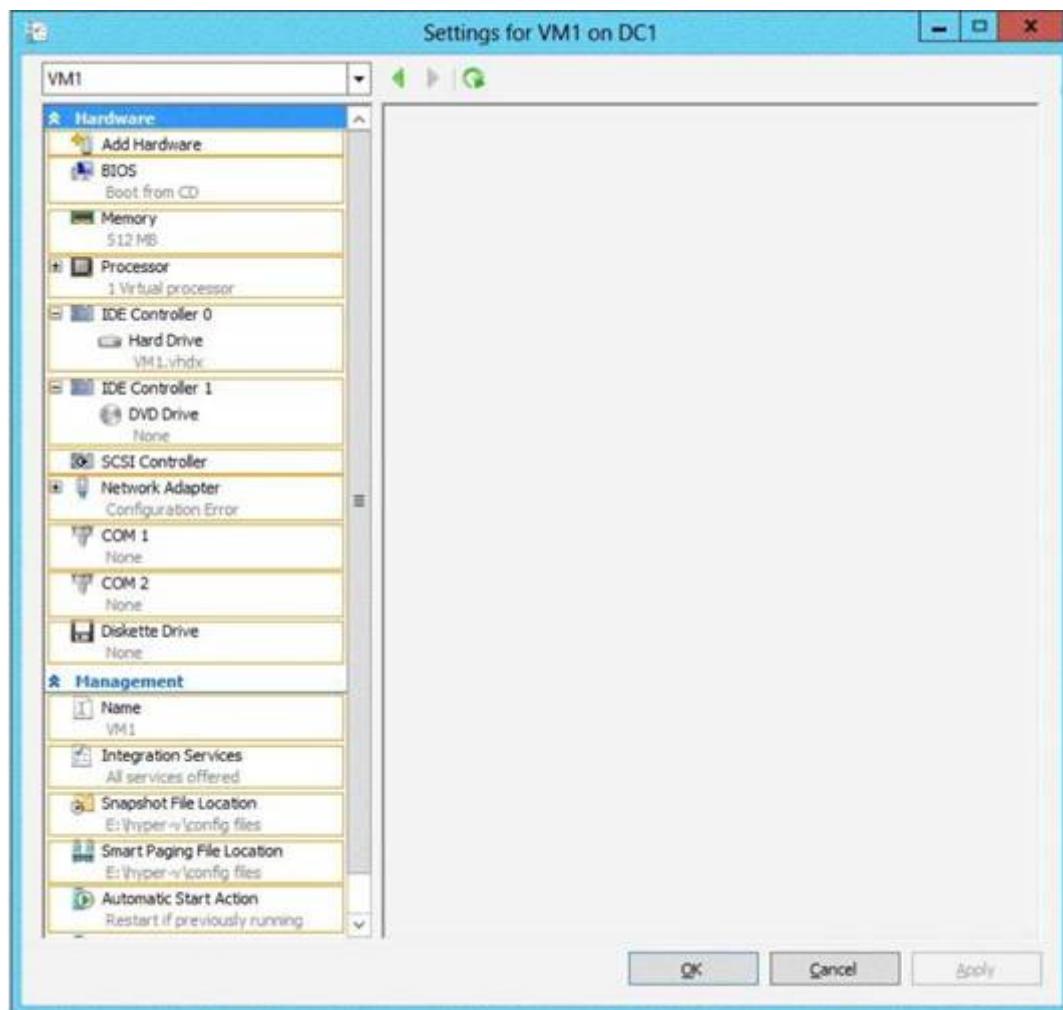
What should you do before you create the virtual desktop collection?

- A. Create a shared folder and assign the users permission to the shared folder.
- B. Create a fixed-size VHD and assign the users permission to the VHD.
- C. Create a shared folder and assign the virtualization hosts permission to the shared folder.
- D. Create a fixed-size VHD and assign the virtualization hosts permission to the VHD.

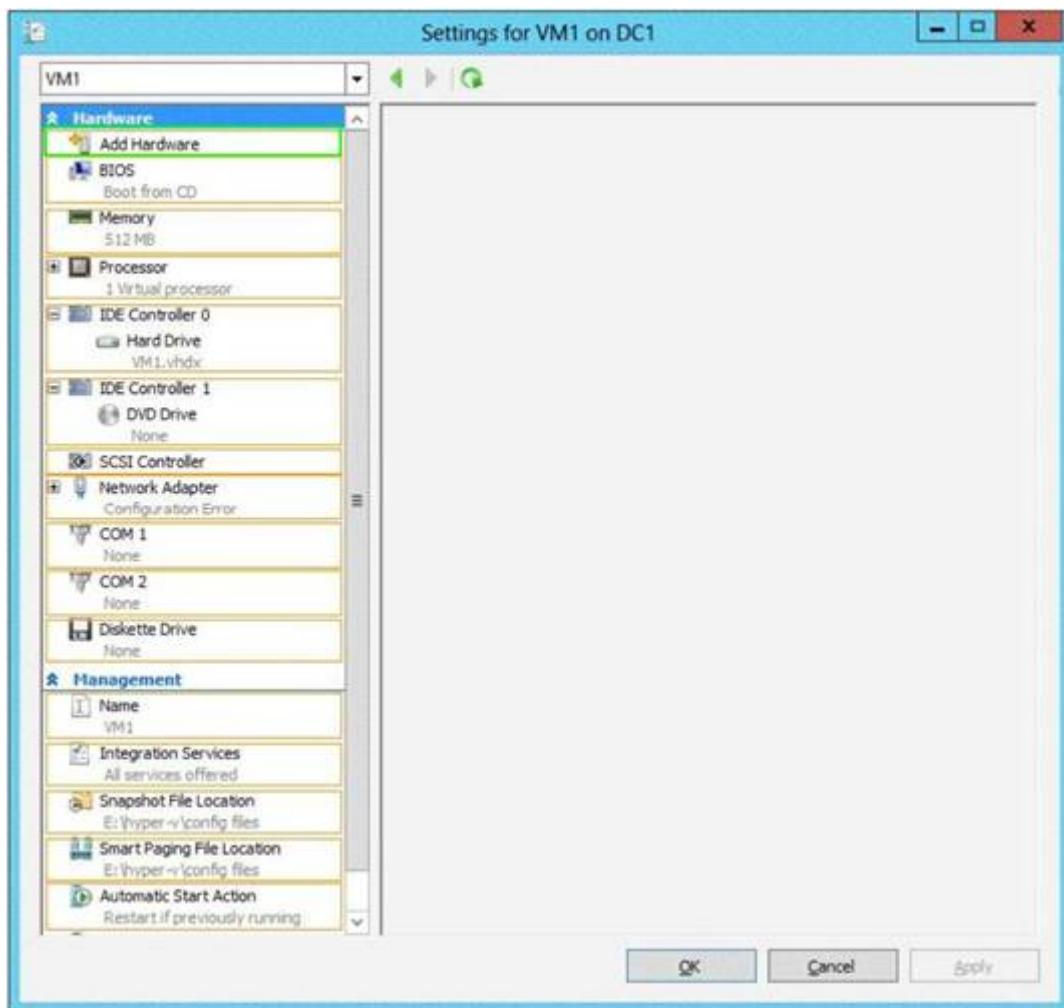
Answer: C

Question: 50

Your network contains a Virtual Desktop Infrastructure (VDI). You have a virtual machine named VM1 that will be used as a virtual machine template. You need to enable RemoteFX video support on VM1. From which node should you perform the configuration? To answer, select the appropriate node in the answer area.



Answer:



Question: 51

DRAG DROP

Your company has multiple departments. The departments are configured as shown in the following table.

Department name	User characteristic	Requirement
Sales	Always work outside of the corporate office and cannot access the internal network.	All software must be preinstalled on the users' client computer.
Human resources	Always work from inside the internal network and are connected to the LAN.	Users must have core line-of-business applications preinstalled on their client computer and must be allowed to install additional productivity applications as needed.
Developers	Always work from inside the internal network and are connected to the LAN.	Users must have all software deployed by using Group Policy software assignment.

You plan to deploy Windows 8 to the client computers.

You need to recommend an imaging strategy for each department. The solution must minimize the amount of time required to deploy the images to the client computers.

Which imaging strategy should you recommend?

To answer, drag the appropriate image type to the correct department in the answer are

a. Each image type 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.

Image Types	Answer Area	
Thick	Sales	Image type
Thin	Human resources	Image type
Hybrid	Developers	Image type

Answer:

Image Types	Answer Area	
Thick	Sales	Thick
Thin	Human resources	Hybrid
Hybrid	Developers	Thin

Question: 52

Your network contains an Active Directory domain named contoso.com. The network contains two servers named Server1 and Server2 that run Windows Server 2012. Server1

has the Remote Desktop Visualization Host role service installed. Server2 has the Remote Desktop Web Access role service installed.

The network contains a Virtual Desktop Infrastructure (VDI).

You plan to use an existing virtual machine as the new pooled virtual desktop base image for Standard Deployment.

The virtual machine has the following configurations:

Uses a static IP address Is a member of a workgroup Runs the Windows 8 operation system

You need to ensure that you can use the virtual machine as the template virtual machine for the VDI deployment.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Connect the virtual machine to the Remote Desktop Services (RDS) virtual network.
- B. Run sysprep.exe on the virtual machine.
- C. Join the virtual machine to the domain.
- D. On the virtual machine, import a Secure Sockets Layer (SSL) certificate.
- E. On Server1, import a Secure Sockets Layer (SSL) certificate.

Answer: A,B

Question: 53

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

You have an image of Windows 8 Enterprise that you plan to use as a template to provision new client computers.

You have an internally developed Windows Store line-of-business application named App1 that must be added to the image.

You need to include App1 in the image. The solution must ensure that users can run App1 after the image is deployed to their desktop computer.

What should you do before adding App1 to the image? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Join the users' computers to the domain.
- B. Create an XAP file for App1.
- C. Create a Windows Installer package for App1.
- D. Sign the application by using a trusted certificate.
- E. Modify the AllowAllTrustedApps registry value.

Answer: A,D,E

Explanation: AE:

You must join the device running Windows 8 Enterprise or Windows Server 2012 to an Active Directory domain that has the Allow all trusted applications to install Group Policy setting enabled.

Setting the Group Policy to allow trusted applications updates the following registry setting:
HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows\Appx\AllowAllTrustedApps = 1

D: You can install LOB Windows Store apps that are not signed by the Windows Store. The apps must be cryptographically signed and can only be installed on a computer that trusts the signing certificate.

E: Note:

* You can add line-of-business (LOB) Windows Store apps to a Windows® image by using Windows PowerShell® or the Deployment Image Servicing and Management (DISM) platform. Windows Store apps are a new type of application that runs on Windows 8 devices. These apps are based on the Windows Runtime API and differ from traditional desktop apps in their design and in the way users can interact with them on Windows 8 devices.

Question: 54

Your network contains a Virtual Desktop Infrastructure (VDI). The VDI contains four servers. The servers are configured as shown in the following table.

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

You create a virtual desktop collection. The virtual desktop collection supports 100 users.

You need to identify how much processor time each virtual machine consumes.

Which performance object should you monitor on Server1?

- A. Hyper-V Hypervisor Virtual Processor

- B. Terminal Services Session
- C. Processor
- D. Hyper-V Hypervisor Logical Processor

Answer: A

Explanation:

For a Hyper-V virtual machine, you cannot view the traditional % Processor Time metric to get a good understanding of that VM's processing. Instead, the counter you'll want to monitor is Hyper-V Hypervisor Virtual Processor \ % Guest Run Time (instanceName). This counter can be considered to be equivalent to % Processor Time, but for a specific VM as defined by its instance name. While similar in name, this counter is different than Hyper-V Hypervisor Logical Processor. Whereas Hyper-V considers a "Virtual Processor" to be one that has been assigned as part of a VM's configuration, a "Logical Processor" represents the total number of processors on a host system that are managed by Hyper-V. You get this number by multiplying the number of cores times sockets, doubling the result if hyperthreading is enabled.

Question: 55

Your network contains an Active Directory domain named contoso.com. The domain contains a Virtual Desktop Infrastructure (VDI) and pooled virtual desktops.

Users start virtual desktop sessions by using Remote Desktop Web Access (RD Web Access). Some users access virtual desktops by using a Remote Desktop Gateway (RD Gateway). You need to identify which users are connected currently to the virtual desktops. Which tool should you use? To answer, select the appropriate tool in the answer are

a.



Answer:



Question: 56

Your network contains a Remote Desktop Services (RDS) session collection named Collection1. You need to configure which users can connect to the Remote Desktop Session Host (RD Session Host) servers in Collection1. What should you configure from the properties of Collection1?

- A. Security
- B. Connections
- C. User Groups
- D. Client Settings

Answer: C

Explanation:

Remote Desktop Services accelerates and extends desktop and application deployments to any device, improving remote worker efficiency, while helping to keep critical intellectual property secure and simplify regulatory compliance. Remote Desktop Services enables virtual desktop infrastructure (VDI), session-based desktops, and applications, allowing users to work anywhere. Remote Desktop Services (RDS) - Session Collection There are basically two types of RDS collections, Virtual Machine and Session.

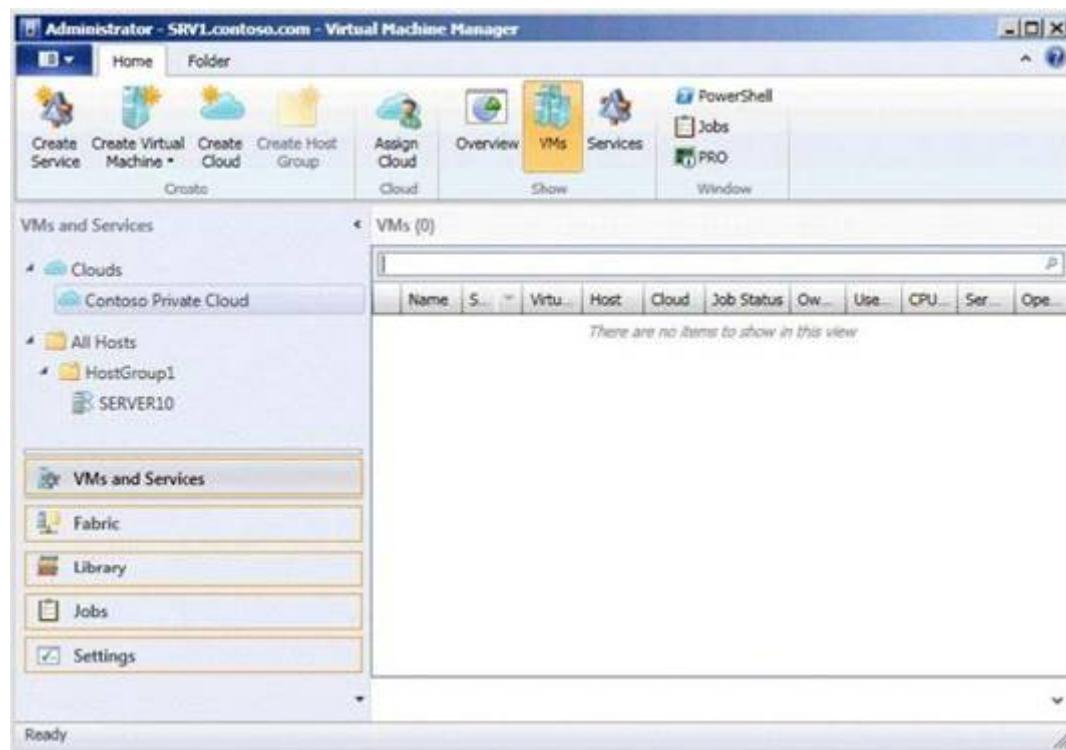
-A Virtual Desktop collection deals with managing pools of VM desktops that can be made available to users (or they can also be dedicated to specific users). -A Session collection is the old Terminal Services model. In Windows Server 2008 R2, the RemoteApp feature was introduced which allowed for seamless published applications. RemoteApp is also part of RDS in 2012 (but much easier to manage).

Question: 57

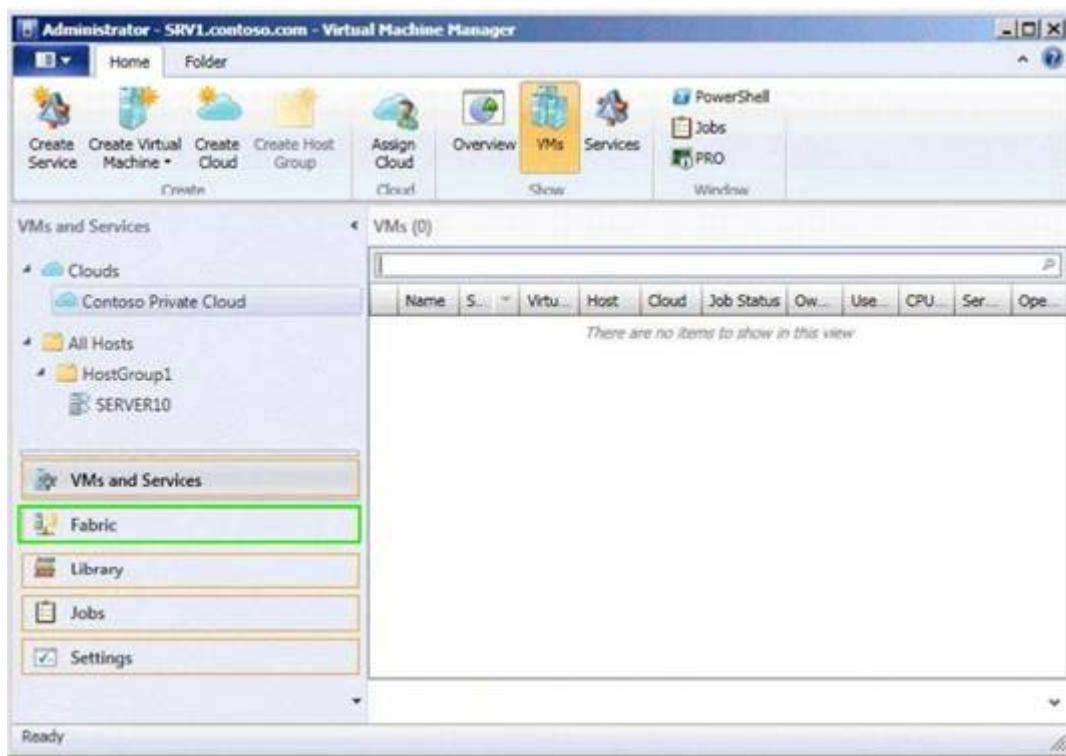
Your network contains an Active Directory domain named contoso.com. The domain contains a server named SRV1 that runs Windows Server 2012. SRV1 has the Windows Server Updates Services (WSUS) server role installed.

You deploy Microsoft System Center 2012 Virtual Machine Manager (VMM). You plan to use WSUS to manage updates for the virtualization infrastructure. You need to integrate WSUS and VMM to manage the updates. What should you configure from the Virtual Machine Manager console? To answer, select the appropriate object in the answer are

a.



Answer:



Question: 58

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012. Server1 has Microsoft System Center 2012 Configuration Manager installed. All client computers run Windows 8 and support Wake on LAN.

You plan to implement a software updates infrastructure to support updating the Windows 8 client computers.

You need to meet the following requirements:

☞ Ensure that the updates are not applied during business hours. ☞ Ensure that the updates are installed at 03:00 each day, even if the client computers are turned off.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Add the Out of band service point Configuration Manager system role to Server1.
- B. Create and link a Group Policy object (GPO) to the domain and configure the Automatic Updates settings in the GPO.
- C. Install and configure Windows Server Update Services (WSUS) on Server1.
- D. Add the Software update point Configuration Manager system role to Server1.
- E. Install and configure System Center Updates Publisher 2011 on Server1.

Answer: C,D

Explanation:

CD: The software update point in Microsoft System Center Configuration Manager 2007 is a required component of software updates and is installed as a site system role in the Configuration Manager console. The software update point site system role must be created on a site system server that has Microsoft Windows Server Update Services (WSUS) 3.0 installed.

Question: 59

Your network contains an Active Directory domain named contoso.com. The domain contains a Virtual Desktop Infrastructure (VDI).

You plan to create a new virtual desktop collection that will contain 500 virtual desktops.

Each virtual desktop will be assigned to a specific user. All of the virtual desktops will be based on the same virtual machine template.

You need to recommend the configuration for the virtual desktop collection.

Which configuration should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

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

Answer: C

Explanation:

Virtual Machine-based desktop Deployment is of two types: Personal Virtual Desktop Collection – Administrators manually assign virtual desktops to the users. Pooled Virtual Desktop Collection - Administrators deploy virtual desktops and users are randomly assigned virtual desktops. At log off virtual desktops are generally rolled back (rollback is optional). Creating a Pooled Virtual Desktop Collection There are two types of Pooled Virtual desktop Collections: Pooled Managed. The Virtual desktop machine is created using the Sysprep Template of a virtual machine. We can recreate the virtual desktops from this image at will. Pooled Unmanaged We can add the existing virtual machine to this virtual desktop collection from Hyper V pool. With either option, the administrator can configure the pool to store the user profiles on User Profile disks separate from the machines.

Question: 60

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2012. Server1 has the Windows Deployment Services server role and the Microsoft Deployment Toolkit (MDT) installed. Server2 has Windows Server Update Services (WSUS) installed.

You have an image of Windows 8 that is deployed by using MDT 2012.

You plan to deploy a new hardware device to all new client computers. The new hardware requires additional device drivers that are unavailable from Microsoft Update.

You need to add the hardware drivers to the Windows 8 image.

What should you do?

- A. From Server1, add the new drivers to Deployment Workbench, and then create a task sequence.
- B. From Server1, install the Windows Internal Database, and then copy the drivers to C:\Windows\System32\DriverStore\Temp.
- C. From Server1, mount the image, and then run the Add-WindowsPackage cmdlet.
- D. From Server2, copy the drivers to the Inventory folder.

Answer: C

Explanation: * Add-WindowsPackage

Adds a single .cab or .msu file to a Windows image

Question: 61

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has Microsoft System Center 2012 Configuration Manager installed.

You have a client computer named Computer1 that runs Windows 8. Computer1 is a Configuration Manager client.

You plan to use Computer1 as a reference computer, and then to deploy an image of the reference computer to the network.

You need to recommend which task must be performed before you capture the image.

What should you recommend?

- A. From Computer1, uninstall the Configuration Manager client.
- B. From Server1, create a build and capture a task sequence by using the Configuration Manager console.
- C. From Server1, add a capture image by using the Windows Deployment Services console.
- D. From Computer1, run sysprep.exe /generalize.

Answer: D

Explanation:

This is asking: You need to recommend which task must be performed before you capture the image Hence: From Computer1, run sysprep.exe /generalize

Question: 62

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

Configuration name	Number	Architecture	Memory	Disk
Type1	100	x86	2 GB	400 GB
Type2	400	x64	4 GB	800 GB
Type3	1,000	x64	8 GB	1 TB
Type4	100	x64	16 GB	2 TB

You plan to deploy Windows 8 by using custom images. The images will be updated frequently. All of the images will have a 32-bit application named App1 preinstalled. You need to recommend the number of Windows 8 images that must be created for the planned deployment.

How many images should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

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

Answer: B

Question: 63

Your network contains an Active Directory domain named contoso.com. You plan to deploy personal virtual desktops.

You create a standard desktop that contains multiple desktop shortcuts to line-of-business applications. Administrators frequently update the desktop shortcuts.

You need to recommend a solution to prevent users from modifying the desktop shortcuts and from adding additional files to the desktop.

What should you include in the recommendation?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Roaming profiles and NTFS permissions
- B. Mandatory profiles
- C. User profile disks
- D. Folder Redirection and NTFS permissions

Answer: D

Question: 64

Your network contains a Remote Desktop Services (RDS) session collection that is used by all users.

Users in the sales department access the session collection by using a Remote Desktop Gateway (RD Gateway) server. Sales users often establish Remote Desktop connections to the internal network from their customers' offices. You need to prevent the sales users from copying files to the computers at the customers' offices during the Remote Desktop sessions.

What should you configure?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. The Remote Desktop resource authorization policies (RD RAPs) from Remote Desktop Gateway Manager
- B. A Group Policy object (GPO) linked to the organizational unit (OU) that contains the Remote Desktop Session Host (RD Session Host) server accounts
- C. The properties of the collection from the Remote Desktop Services node in Server Manager
- D. The Remote Desktop connection authorization policies (RD CAPs) from Remote Desktop Gateway Manager
- E. A Group Policy object (GPO) linked to the organizational unit (OU) that contains the sales user accounts

Answer: D

Question: 65

Your network contains an Active Directory domain named contoso.com. The domain contains an enterprise certification authority (CA). You plan to implement Encrypting File System (EFS) to encrypt data on the client computer of each user.

You need to recommend a solution to provide your company's internal auditors with the ability to decrypt any encrypted files on the client computers.

What should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Add the auditors to the local Administrators group on each client computer.
- B. Provide the auditors with access to a key recovery agent certificate.
- C. Add the auditors to the Domain Admins group.
- D. Provide the auditors with access to a data recovery agent certificate.

Answer: D

Explanation:

<http://learningwindows.wordpress.com/2012/02/03/how-to-use-data-recovery-agent-dra-to-decrypt-encryptedfiles-in-domain/>

Question: 66

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has the Windows Deployment Services server role installed.

Server1 hosts multiple install images of Windows 8 (x64).

You are testing the automated deployment of one of the install images.

You need to ensure that the install image that you are testing is selected automatically during the deployment of Windows 8 (x64) to the clients.

What should you do?

- From WDS Server Properties, configure the PXE Boot Policy.
- From WDS Server Properties, configure the default boot image.
- From the properties of the install image, click Allow image to install in unattended mode.
- From the properties of the install image, modify the Priority value.

Answer: B

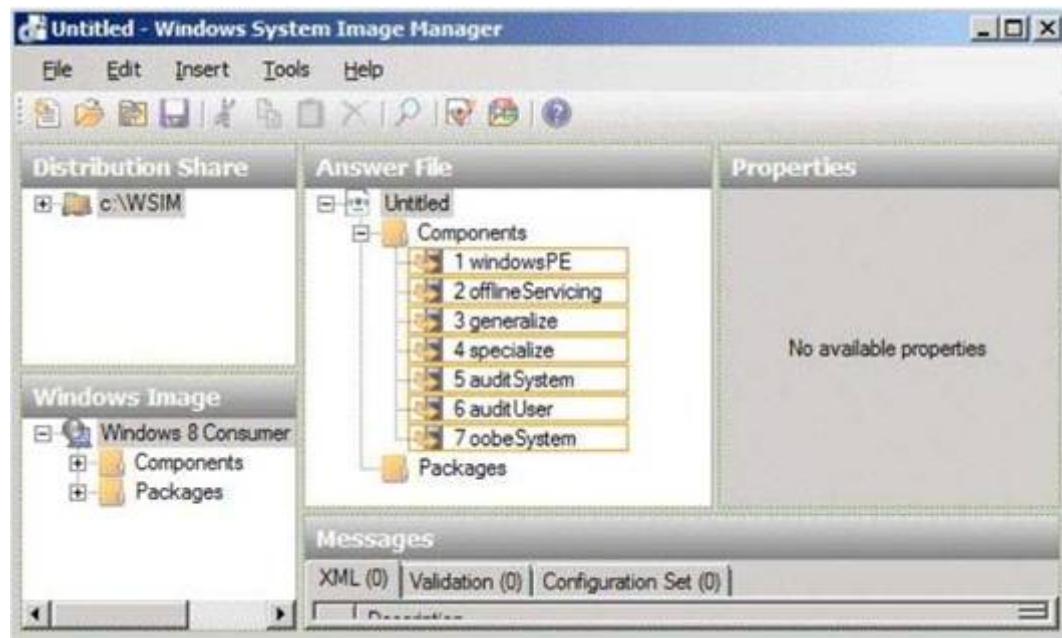
Explanation: It is possible to set the default boot image in WDS if one have multiple boot images. Well of course you can set it, just go to Properties for the WDS server and go to the boot tab and choose a default boot image for the architecture you want to set a default image. Note: This sets the default boot image to the one you choose but you will still be able to choose another boot image in the list of boot images.

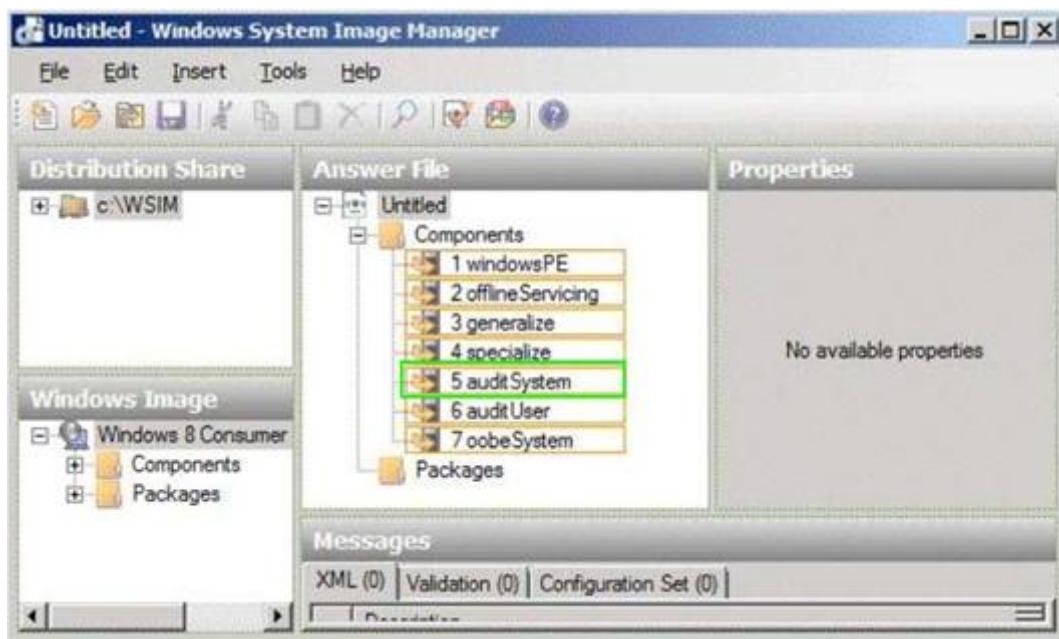
Question: 67

Your network contains an Active Directory domain named contoso.com. You deploy a generalized image of Windows 8 to a test computer. You need to ensure that when the computer starts, the drivers are installed and the computer automatically logs on as the local administrator. The solution must ensure that the computer remains generalized.

You create an unattended file. Which configuration pass should you modify? To answer, select the appropriate configuration pass in the answer are

a.



Answer:

Question: 68

Your network contains an Active Directory domain named contoso.com. The domain has Remote Desktop Services (RDS) deployed. The deployment contains two Remote Desktop Web Access (RD Web Access) servers named Server1 and Server2.

You need to implement a solution to ensure that users can access RD Web Access if a single RD Web Access server fails.

Which solution should you implement?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Multipath I/O (MPIO)
- B. Network Load Balancing (NLB)
- C. Failover Clustering
- D. DNS round robin

Answer: B

Explanation:

<http://blogs.technet.com/b/marobbin2/archive/2012/10/10/configuring-a-windows-2012-rdgnlb-cluster.aspx>

Question: 69

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains three servers that are part of a Remote Desktop Services (RDS) deployment. The servers are configured as shown in the following table.

Server name	Role/service
Server1	Remote Desktop Connection Broker
Server2	Remote Desktop Web Access
Server3	Remote Desktop Virtualization Host

You install a server named Server4 that runs Windows Server 2012.

You need to configure Server4 as a Remote Desktop Gateway (RD Gateway) server. The solution must ensure that a third-party certificate is used to encrypt connections to Server4.

Which three actions should you perform from Server Manager on Server4? 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
Select the third-party certificate.	
Add an RD Gateway server to the RDS deployment.	
Add Server1 to the server pool.	
Add Server2 to the server pool.	
Add Server3 to the server pool.	

Answer:

Actions	Answer Area
Select the third-party certificate.	
Add an RD Gateway server to the RDS deployment.	
Add Server1 to the server pool.	
Add Server2 to the server pool.	
Add Server3 to the server pool.	

Question: 70

Your network contains an Active Directory domain named contoso.com. The network contains a server named Server1 that has the Hyper-V server role installed. Server1 hosts a virtual machine named VM1. You deploy a new standalone server named Server2. You install the Hyper-V server role on Server2. Another administrator named Admin1 plans to create a replica of VM1 on Server2. You need to ensure that Admin1 can configure Server2 to receive a replica of VM1. To which group should you add Admin1?

- A. Server Operators
- B. Domain Admins
- C. Hyper-V Administrators
- D. Replicator

Answer: C

Question: 71

Your network contains a Hyper-V cluster named Cluster1. You install Microsoft System Center 2012 Virtual Machine Manager (VMM). You create a user account for another administrator named User1. You plan to provide User1 with the ability to manage only the virtual machines that User1 creates. You need to identify what must be created before you delegate the required permissions. What should you identify?

- A. A cloud
- B. A service template
- C. A host group
- D. A Delegated Administrator

Answer: A

Question: 72

Your network contains an Active Directory domain named contoso.com. You plan to implement Microsoft System Center 2012. You need to identify which solution automates the membership of security groups for contoso.com. The solution must use workflows that provide administrators with the ability to approve the addition of members to the security groups. Which System Center 2012 roles should you identify?

- A. Service Manager and Virtual Machine Manager (VMM)
- B. Configuration Manager and Orchestrator
- C. Operations Manager and Orchestrator
- D. Orchestrator and Service Manager

Answer: D

Explanation:

Workflows = orchestrator Automate membership= service manager

Question: 73

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains multiple servers that are configured as Hyper-V hosts. You plan to implement four virtual machines. The virtual machines will be configured as shown in the following table.

You need to identify which network must be added to each virtual machine. Which network types should you identify? To answer, drag the appropriate Network Type to the correct virtual machine in the answer area.
a. Each Network Type 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.

Network Types	Answer Area
Private	VM1 Network
Internal	VM2 Network
External	VM3 Network
	VM4 Network

Answer:

Network Types**Private****Internal****External****Answer Area**

VM1 External

VM2 External

VM3 Private

VM4 Internal

Question: 74**DRAG DROP**

You plan to delegate the management of virtual machines to five groups by using Microsoft System Center 2012 Virtual Machine Manager (VMM). The network contains 20 Hyper-V hosts in a host group named HostGroup1. You identify the requirements for each group as shown in the following table.

You need to identify which user role must be assigned to each group. Which user roles should you identify? To answer, drag the appropriate user role to the correct group in the answer area.

- Each user role 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.

User roles**Administrators****Delegated Administrators****Read-Only Administrators****Self-Service Users****Answer Area**

VMAdmins1 User role

VMAdmins2 User role

VMAdmins3 User role

VMAdmins4 User role

Answer:

User roles	Answer Area
Administrators	VMA admins1
Delegated Administrators	VMA admins2
Read-Only Administrators	VMA admins3
Self-Service Users	VMA admins4
	Delegated Administrators
	Self-Service Users
	Read-Only Administrators
	Administrators

Topic 6, Mixed Questions (B)

Question: 75

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: 76

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: 77

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: 78

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

Answer: A,C,E

Explanation:

<http://technet.microsoft.com/en-us/library/hh824812.aspx> The Everyone group must have Change and Read permissions to the ACT LPS share. The Everyone group must have Write access to the ACT LPS share.

Question: 79

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 App1.
- 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: 80

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 virtualization
- 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: A,B,E

Question: 81

You plan to deploy virtual desktops to the network. All of the virtual desktops will be based on a virtual machine template named Template1.vhd. Template1.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 Template1.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 Template1.vhd. Install Applupdate.msp, and then generalize the virtual machine.
- C. Mount Template1.vhd, and then copy Applupdate.msp to the %Systemroot%\AppPatch folder.
- D. Run diskpart.exe and specify the attach parameter. Run msieexec.exe and specify the /update parameter.

Answer: B

Question: 82

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?

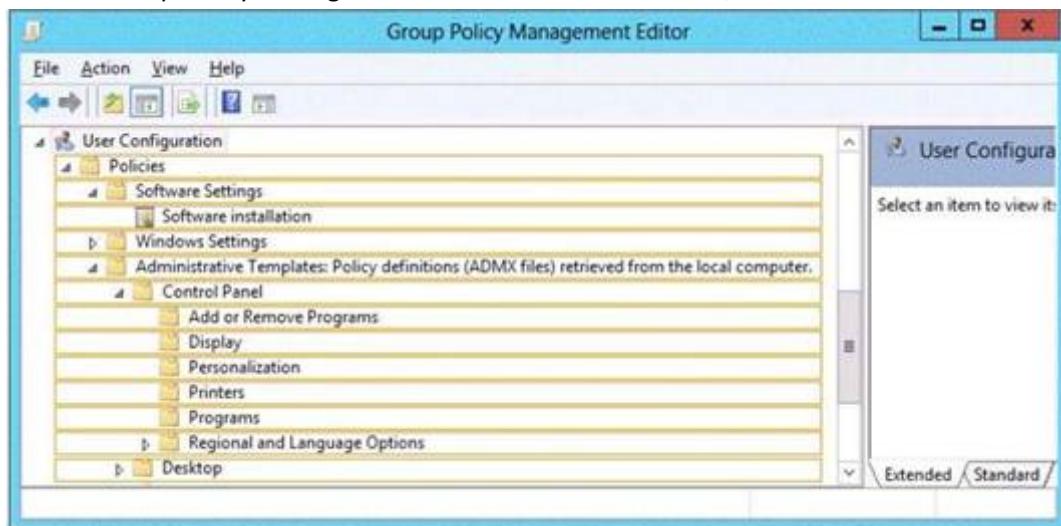
- A. From the WSUS Administration console, configure the personalization settings, and then create a computer group.
- B. From Server1, edit the task sequence, and then modify the Customsettings.ini file.
- C. From the WSUS Administration console, configure the personalization settings, and then configure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

Answer: B

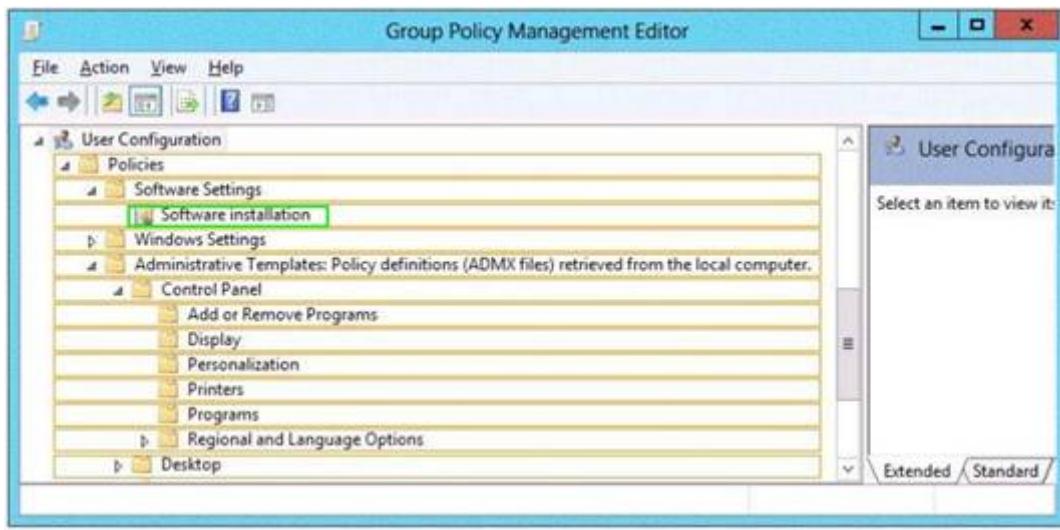
Question: 83

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: 84

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: 85

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: A,B

Explanation:

Products and Classifications settings allows you to choose to update Office. The update rule allows you to set it to update automatically for updates to Office (Default is critical and security updates). Since WSUS is already being used by client machines to update, there is no reason to modify any GPO.

Question: 86

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: 87

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: D

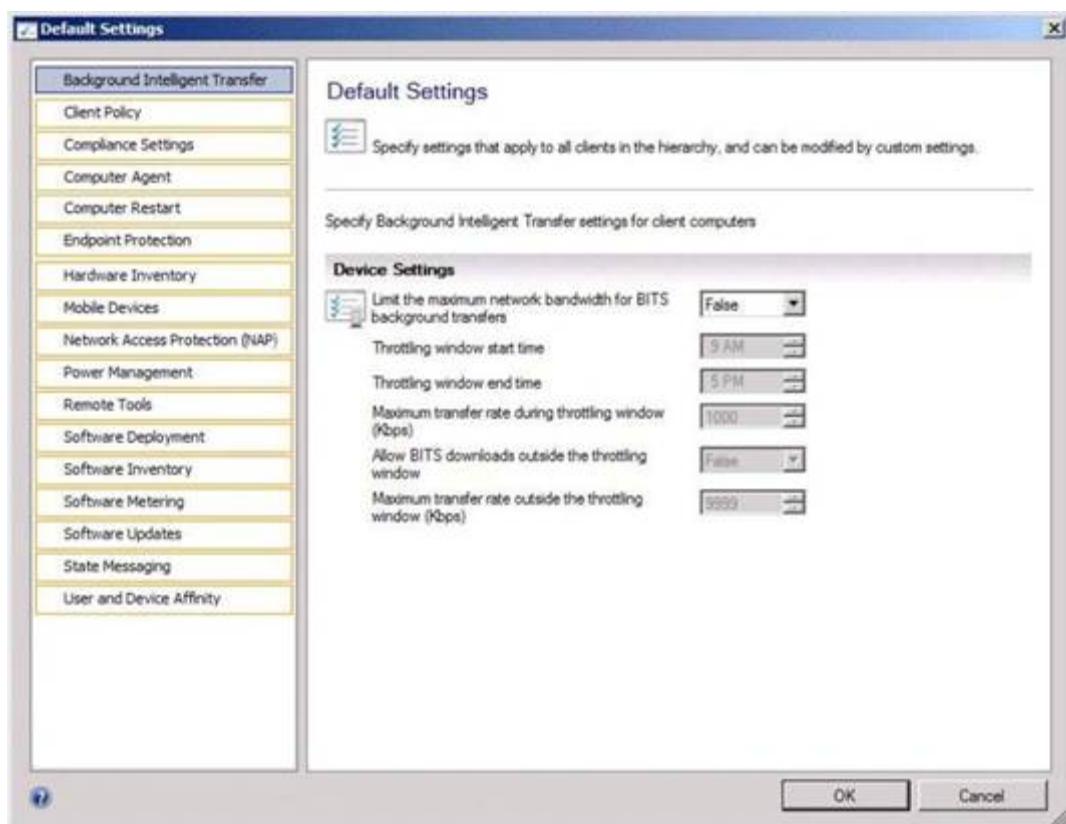
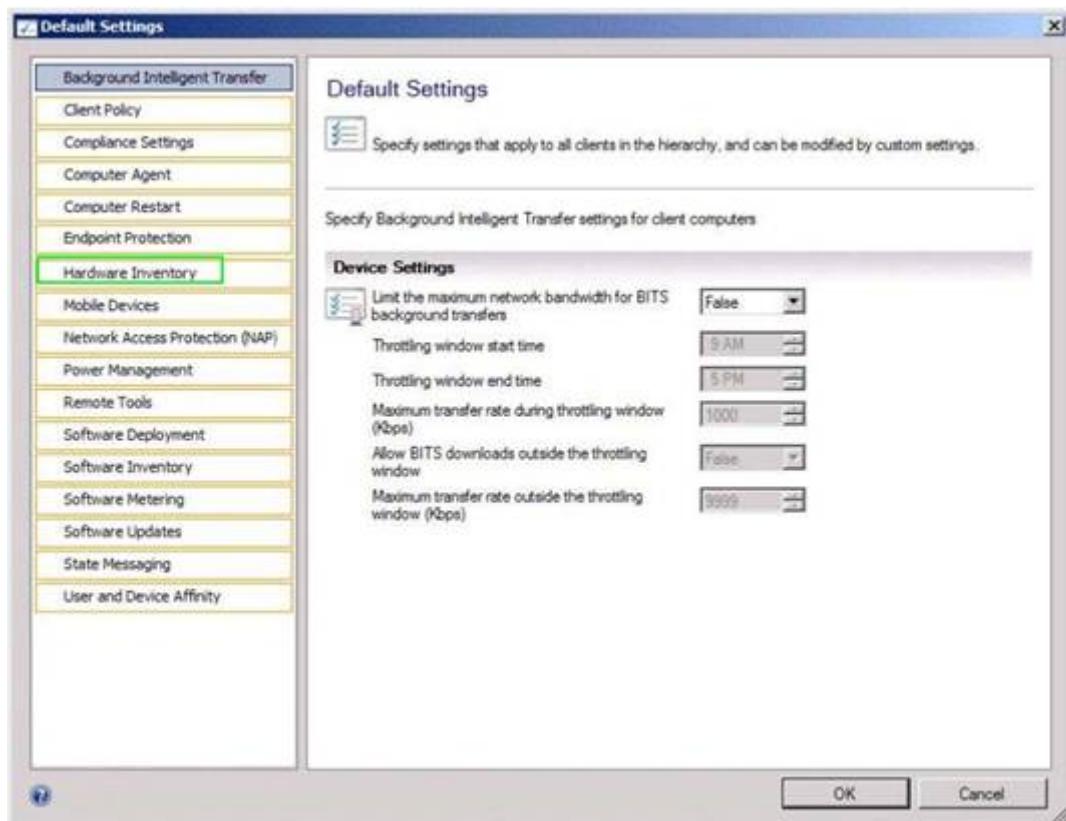
Question: 88

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 are

a.

**Answer:****Question: 89**

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: 90

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 App1. 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: 91



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: 92

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 App1.

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
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.	

Question: 93

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 cluster1.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 broker1.contoso.com as the subject name
- D. A certificate that contains contoso.com as the subject name

Answer: C

Question: 94

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: 95

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: 96

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: 97

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.

a. 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
Microsoft SQL Server 2012	Server3
Network Load Balancing (NLB)	Server4
Windows Internal Database	Server4

Answer:

**Question: 98**

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: 99

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 App1.

You need to recommend a solution for the deployment of App1 and App2 to meet the following requirements:

- ☞ Prevent App2 from overwriting the registry settings of App1.
- ☞ 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 App1.
- 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 App1.

Answer: C

Explanation:

<http://blogs.technet.com/b/appv/archive/2012/11/06/deploying-connection-groups-app-v-50.aspx> Note: The order of packages in the connection group is important. This determines the order in which the package contents are merged. So, in the following case, if there was a conflict (example: same registry value), the content of the "App1"

package would be used.

Question: 100

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: C

Question: 101

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: C,D

Explanation:

<http://technet.microsoft.com/en-us/library/jj713458.aspx>

Question: 102

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 Main1 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.

a. 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
Standalone	Main1 Full infrastructure
Full infrastructure	Office1 Standalone
None	Office2 Standalone

Question: 103

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) that applies the policy to the App-V clients.

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: 104

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

Question: 105

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: 106

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: 107

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 are

a.



Answer:



Question: 108

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: 109

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 are

a.



The screenshot shows the Windows Active Directory Users and Computers snap-in window. The left pane displays the organizational structure of the domain:

- Active Directory Users and Computers
- Saved Queries
- contoso.com
 - Builtin
 - Computers
 - Domain Controllers
 - ForeignSecurityPrincipals
 - Managed Service Accounts
 - Remote Desktop Services
 - Users

The right pane lists objects with their names and types:

Name	Type
Domain Computers	Security Group - Global
Domain Users	Security Group - Global
Group1	Security Group - Global
Group2	Security Group - Global
SERVER1	Computer
SERVER2	Computer
SERVER3	Computer
SERVER4	Computer
User1	User
User2	User

Answer:



Question: 110

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: 111

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: 112**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 App1.

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

Question: 113

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: 114

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

Question: 115

DRAG DROP

You deploy a Remote Desktop Services (RDS) collection.

You plan to provide users with access to Microsoft Application Virtualization (App-V) applications by using Remote Desktop connections. You publish several applications to an App-V publishing server. You need to recommend a solution to minimize the amount of storage space required on the RDS servers for the App-V applications. The solution must minimize the amount of time it takes for users to open the App-V applications. What 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
Install the App-V for Remote Desktop Services Client on all of the Remote Desktop Session Host (RD Session Host) servers and modify the registry settings of the servers.	
Log on to a staging computer and stream all of the required applications.	
Configure the Remote Desktop Session Host (RD Session Host) servers to use the publishing server and to use publishing dates.	
Copy the cache file to a central location.	
Restart the staging computer in safe mode.	

Answer:

Actions	Answer Area
Install the App-V for Remote Desktop Services Client on all of the Remote Desktop Session Host (RD Session Host) servers and modify the registry settings of the servers.	Install the App-V for Remote Desktop Services Client on all of the Remote Desktop Session Host (RD Session Host) servers and modify the registry settings of the servers.
Log on to a staging computer and stream all of the required applications.	Log on to a staging computer and stream all of the required applications.
Configure the Remote Desktop Session Host (RD Session Host) servers to use the publishing server and to use publishing dates.	Restart the staging computer in safe mode.
Copy the cache file to a central location.	Copy the cache file to a central location.
Restart the staging computer in safe mode.	

Question: 116

You plan to deploy a Microsoft Application Virtualization (App-V) infrastructure. You need to recommend a configuration for the App-V management database. The solution must ensure that you can manage the App-V infrastructure if a server that has Microsoft SQL Server installed fails. What should you recommend implementing? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Log shipping
- B. A SQL Server failover cluster
- C. Peer-to-peer replication
- D. Database mirroring

Answer: C

Explanation:

<http://technet.microsoft.com/en-us/library/ms151196.aspx>

Question: 117

Your company plans to deploy a Microsoft Application Visualization (App-V) 5.0 infrastructure. You need to recommend a strategy to ensure that you can manage the App-V 5.0 infrastructure if a single management server fails.

What should you include in the recommendation?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Failover Clustering
- B. Database mirroring
- C. Network Load Balancing (NLB)
- D. DNS round robin

Answer: C**Question: 118**

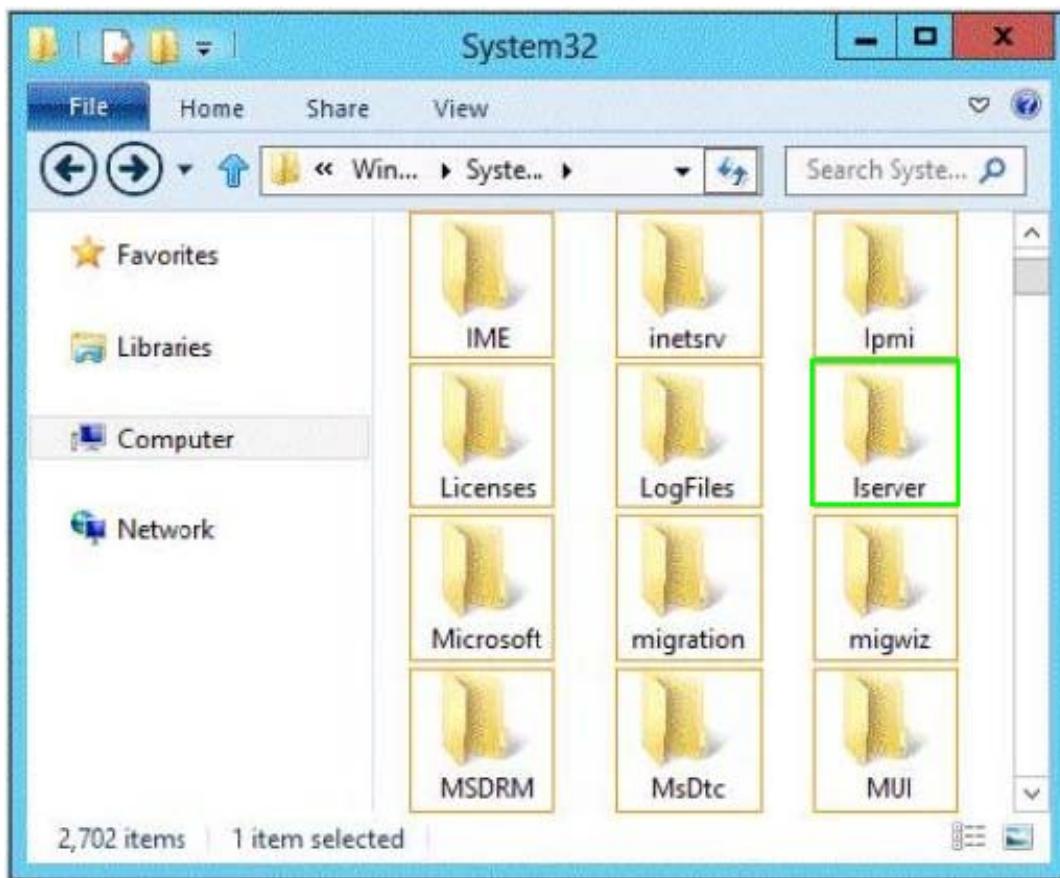
Your network contains an Active Directory domain named contoso.com. The domain has Remote Desktop Services (RDS) deployed. The domain contains a server named Server1. Server1 has the Remote Desktop Licensing role service installed.

You need to back up the Remote Desktop Licensing (RD Licensing) database.

Which folder should you include in the backup? To answer, select the appropriate folder in the answer area.



Answer:



Question: 119

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that has the Remote Desktop Licensing role service installed.

Server1 fails.

You discover that all of the backups for Server1 are unavailable.

You deploy a new server named Server2. You install the Remote Desktop Licensing role service on Server2.

You need to rebuild the Remote Desktop Licensing (RD Licensing) database on Server2.

Which tool should you use?

- A. Server Manager
- B. The Add-RDLicense cmdlet
- C. The RD Licensing Diagnoser
- D. Remote Desktop Licensing Manager

Answer: D

To rebuild the RD Licensing database automatically

1. On the license server, open Remote Desktop Licensing Manager. To open Remote Desktop Licensing Manager, click Start, point to Administrative Tools, point to Remote Desktop Services, and then click Remote Desktop Licensing Manager.

C:\Documents and Settings\usernwz1\Desktop\1.JPG

Question: 120

DRAG DROP

Your network contains a main datacenter and a disaster recovery datacenter. The main datacenter contains a Virtual Desktop Infrastructure (VDI). The Hyper-V hosts run on a failover cluster.

The virtual desktop infrastructure contains 50 personal virtual desktops that have custom settings.

In the disaster recovery datacenter, you implement a Hyper-V failover cluster.

You plan to implement a business continuity solution for the 50 personal virtual desktops.

The virtual desktops must meet the following requirements:

☞ Replicate to the Hyper-V cluster in the disaster recovery datacenter. ☞ Connect to the local network resources in the disaster recovery datacenter if a failover occurs. ☞ Use application-consistent replicas.

You need to identify what must be implemented to meet the requirements of the planned deployment.

What should you identify?

To answer, drag the appropriate task to the correct requirement in the answer area

a. Each task 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.

Tasks	Answer Area
Add a virtual SAN adapter.	Replicate to the Hyper-V cluster in the disaster recovery datacenter.
Implement Recovery History.	Task
Modify the Failover TCP/IP Settings.	Connect to the local network resources in the disaster recovery datacenter if a failover occurs.
Implement the Hyper-V Replica Broker role.	Task
	Use application-consistent replicas.
	Task

Answer:

Tasks	Answer Area
Add a virtual SAN adapter.	Replicate to the Hyper-V cluster in the disaster recovery datacenter.
Implement Recovery History.	Implement the Hyper-V Replica Broker role.
Modify the Failover TCP/IP Settings.	Connect to the local network resources in the disaster recovery datacenter if a failover occurs.
Implement the Hyper-V Replica Broker role.	Use application-consistent replicas.
	Modify the Failover TCP/IP Settings.
	Implement Recovery History.

Question: 121

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. RemoteApp programs
- B. Microsoft Enterprise Desktop Virtualization (MED-V)
- C. Microsoft Application Virtualization (App-V) in standalone mode
- D. A Group Policy software distribution package assigned to the computer accounts

Answer: A

Explanation: Note:

- * RemoteApp enables you to make programs that are accessed remotely through Remote Desktop Services appear as if they are running on the end user's local computer. These programs are referred to as RemoteApp programs. Instead of being presented to the user in the desktop of the Remote Desktop Session Host (RD Session Host) server, the RemoteApp program is integrated with the client's desktop. The RemoteApp program runs in its own resizable window, can be dragged between multiple monitors, and has its own entry in the taskbar. If a user is running more than one RemoteApp program on the same RD Session Host server, the RemoteApp program will share the same Remote Desktop Services session. Incorrect: Not B:
- * The App-V clients may also be used in a "stand-alone" mode without either of the server infrastructures. In this case, the sequenced packages are delivered using an external technique, such as an Electronic Software Delivery system or manual deployment.
- * Microsoft Application Virtualization (MS App-V) platform allows applications to be deployed ("streamed") in real-time to any client from a virtual application server. It removes the need for traditional local installation of the applications, although a standalone deployment method is also supported. With a streaming-based implementation, the App-V client needs to be installed on the client machines and application data that is stored on the virtual application server is installed (streamed) to the client cache on demand when it is first used, or pre-installed in a local cache.

Question: 122

Your network contains servers that run Windows Server 2012 and client computers that run Windows 8. The client computers are installed as virtual machines by using a VHD OS image named Image.vhdx. A line-of-business application named App1 is installed in Image.vhdx by using Microsoft Windows Installer. A new patch named Update.msp is available for App1. You need to ensure that all newly created virtual machines have the latest version of App1 installed. What should you do first? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Assign Update.msp to the virtual machines by using a Group Policy object (GPO).
- B. Run dism.exe and specify the /online parameter.
- C. Configure a physical computer to start from Image.vhdx.
- D. Create a new virtual machine by using Image.vhdx.

Answer: D

Question: 123

Your network contains servers that run Windows Server 2012 and client computers that run Windows 8. You plan to deploy an application named App1 to 10 client computers. App1 only runs on Windows XP. You need to recommend an application deployment strategy for App1. What should you include in the recommendation?

- A. From a Group Policy object (GPO), assign App1 to the 10 client computers.
- B. From a Microsoft Application Virtualization (App-V) publishing server, publish App1 as an App-V package.
- C. From a Hyper-V host, install App1 on 10 virtual machines that are enabled for RemoteApp for Hyper.
- D. From a Remote Desktop Services (RDS) server, deploy App1 as a RemoteApp program.

Answer: C

Explanation: XP cannot be a publishing server or sequencer.

Question: 124

DRAG DROP

Your network contains servers that run Windows Server 2012 and client computers that run Windows 8.

You have a standard company image named Image.wim that contains a third-party application named App1. Image.wim only contains one image. App1 uses a dynamic link library (DLL) file stored in C:\AppData\app1.dll.

a.

A new version of App1 named App2 is available.

You need to update the DLL file in Image.wim. You want to achieve this goal by using the minimum amount of administrative effort.

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
Run dism.exe /unmount-wim /mountdir:c:\mount /commit .	
Run dism.exe /mount-wim /wimfile:image.wim /index:1 /mountdir:c:\mount .	
Copy the new DLL of App1 to C:\AppData.	
Copy the new DLL of App1 to C:\Mount\AppData.	
Run dism.exe /online /add-package:app2.dll .	
Run dism.exe /mount-wim /wimfile:image.wim /index:1 /mountdir:c:\ .	

Answer:

Actions	Answer Area
Run dism.exe /unmount-wim /mountdir:c:\mount /commit .	
Run dism.exe /mount-wim /wimfile:image.wim /index:1 /mountdir:c:\mount .	
Copy the new DLL of App1 to C:\AppData.	
Copy the new DLL of App1 to C:\Mount\AppData.	
Run dism.exe /online /add-package:app2.dll .	
Run dism.exe /mount-wim /wimfile:image.wim /index:1 /mountdir:c:\ .	

Question: 125

Your company has a main office and a branch office. The main office is located in New York. The branch office is located in Toronto. The offices connect to each other by using a slow WAN link.

The network contains an Active Directory domain named contoso.com. The domain contains servers that run Windows Server 2012 and client computers that run Windows 8.

All users have several third-party applications installed. The third-party applications are updated frequently by their manufacturers.

You need to recommend an application management solution that meets the following requirements:

☞ If the installation of an application update fails, the installation must restart automatically. ☞ Administrators must be able to generate reports that contain a list of all the failed installations of application updates.

Which application management solution should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

A. Deploy pooled virtual desktops by using a Virtual Desktop Infrastructure (VDI).

B. Assign applications and updates by using Group Policy.

C. Deploy packages by using Microsoft System Center 2012 Configuration Manager.

D. Sequence applications by using Microsoft Application Virtualization (App-V) streaming.

Answer: C

Question: 126

Your network contains servers that run Windows Server 2012 and client computers that run Windows 7. All of the client computers run a standard image of Windows 7.

The network has Microsoft Application Compatibility Toolkit (ACT) 6.0 deployed.

The network contains three computers. The computers are configured as shown in the following table.

Computer name	Function
Client1	Windows 7 production client
Client2	Windows 8 test client
Server1	ACT Log Processing Service ACT Log Processing Service share ACT database

You plan to upgrade all of the client computers to Windows 8. You need to identify whether an application named App1 can run on Windows 8. What should you deploy?

A. An inventory-collector package to Client2

B. An inventory-collector package to Client1

C. A runtime-analysis package to Client1

D. A runtime-analysis package to Client2

Answer: D

Question: 127

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

You need to recommend an application distribution strategy to meet the following requirements:

☞ Enable client computers to use different versions of the same application. ☞ Minimize the amount of hardware resources used on the client computers.

Which application distribution strategy should you recommend?

- A. Install the applications on Remote Desktop Services (RDS) servers, and then publish the applications as RemoteApp programs.
- B. Create a Windows Installer package for each application, and then deploy the packages by using a Group Policy object (GPO).
- C. Create a Windows Installer package for each application, and then deploy the packages by using Microsoft System Center 2012 Configuration Manager.
- D. Sequence the applications by using the Microsoft Application Virtualization (App-V) Sequencer, and then deploy the applications by using App-V streaming.

Answer: A

Question: 128

You have a Microsoft Application Virtualization (App-V) publishing server named Server1. Some users connect to the network by using a cellular connection. You need to prevent the users from downloading App-V packages the first time they run the application that is associated to the package. What should you do? More than one answer choice may achieve the goal. Select the BEST answer.

- A. From a Group Policy object (GPO), configure the App-V Streaming settings.
- B. From a Group Policy object (GPO), configure the App-V Publishing settings.
- C. From each client computer, run the Set-AppvClientConfiguration cmdlet.
- D. From each client computer, run the Set-AppvClientPackage cmdlet.

Answer: A

Question: 129

DRAG DROP

Your network contains servers that run Windows Server 2012 and client computers that run Windows 8.

You plan to use Microsoft Application Virtualization (App-V) 5.0 as an application virtualization platform.

You have an application named App1. App1 requires a system restart during its installation. You install the App-V Sequencer on a client computer named CL1 that runs Windows 8. You need to sequence App1.

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
Restart the App-V Sequencer and select Modify an Existing Virtual Application Package . Update the App1.appv package.	
From the App-V Sequencer, select App1.exe as an installer for the new virtual application package.	
Run an installation of App1.exe and complete the installation.	
Restart CL1.	
From the App-V Sequencer, select I am finished installing .	

Answer:

Actions	Answer Area
Restart the App-V Sequencer and select Modify an Existing Virtual Application Package . Update the App1.appv package.	From the App-V Sequencer, select App1.exe as an installer for the new virtual application package.
From the App-V Sequencer, select App1.exe as an installer for the new virtual application package.	Run an installation of App1.exe and complete the installation.
Run an installation of App1.exe and complete the installation.	
Restart CL1.	
From the App-V Sequencer, select I am finished installing .	From the App-V Sequencer, select I am finished installing .

Question: 130

You deploy several RemoteApp programs.

You need to identify which file extensions on a client computer are associated with the RemoteApp programs. Which Control Panel item should you use? To answer, select the appropriate object in the answer area.



Answer:



Question: 131

Your network contains an Active Directory domain named contoso.com. The domain contains a Remote Desktop Services (RDS) deployment. The deployment contains three servers. The servers are configured as shown in the following table.

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

You publish multiple RemoteApp programs in a collection named Collection1.

You need to ensure that users can view the RemoteApp programs published to them from the Start screen. What should you do?

- A. From a Group Policy object (GPO), set the default connection URL of RemoteApp and Desktop Connections to <https://server2.contoso.com/rdweb/collection1>.
- B. In the contoso.com zone, create a text (TXT) record that contains <https://server3.contoso.com/rdweb/feed> in the Text field.
- C. From a Group Policy object (GPO), set the default connection URL of RemoteApp and Desktop Connections to <https://Server1.contoso.com/rdweb/feed>.
- D. In the contoso.com zone, create a text (TXT) record that contains <https://collection1.contoso.com/rdweb/feed> in the Text field.

Answer: A

Explanation:

Note:

3. In Windows Server 2012, you can either publish the RemoteApps on the Remote Desktop Session Host server (RDSH) (here on Server2) or you can publish the fu

4. Example: To enable the default connection URL using Group Policy
5. Log on to the domain controller as the CORP\Administrator user account.
6. On the domain controller, open Group Policy Management. Click Start, type Group Policy Management, and then click Group Policy Management..
7. Expand Forest: corp.contoso.com, and expand Domains, and then expand corp.contoso.com.
8. Right-click Default Domain Policy, and then click Edit.
9. Navigate to User Configuration -> Policies ->Administrative Templates -> Windows Components -> Remote Desktop Services -> RemoteApp and Desktop Connections.
10. Double-click Specify Default Connection URL, and then click Enabled.
11. In the Default Connection URL box, type https://RDWA1.corp.contoso.com/RDWeb.
12. Click OK.

Question: 132

Your network contains an Active Directory domain named contoso.com. You deploy Remote Desktop Services (RDS). You create a session collection named Collection1. You plan to configure Collection1 to use user profile disks. You need to identify what must be created before you configure Collection1 to use the user profile disks. What should you identify?

- A. A VHDX file
- B. A network share
- C. A VHD file
- D. A storage pool

Answer: B

Question: 133

Your network contains an Active Directory domain named contoso.com. The domain contains client computers that run Windows 7 Enterprise and Windows 8 Enterprise.

Your company identifies the desktop security requirements shown in the following table.

User group name	Software restriction
Group1	Group members must be prevented from running Windows Installer files that originate from Restricted sites.
Group2	Group members must be prevented from running Windows Installer files that originate from Trusted sites.
Group3	Group members must be prevented from running executables located in C:\Temp.
Group4	Group members must be prevented from running executables located in C:\Software.
Group5	Group members must be prevented from running executables located in C:\Temp.
Group6	Group members must be prevented from running executables located in C:\Software.

You need to recommend the number of Group Policy objects (GPOs) that must be created to meet the desktop security requirements. The solution must use the least amount of GPOs. How many group policy objects should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. 1
- B. 2
- C. 3
- D. 6

Answer: C

Question: 134

Your network contains an Active Directory domain named contoso.com. The domain contains 2,000 client computers that run either Windows 7 or Windows 8.

Version 1.0 of a custom application named App1 is deployed to all of the client computers by using a Group Policy object (GPO).

You obtain version 2.0 of App1.

You need to upgrade App1 to version 2.0 on the client computers that run Windows 8 only. App1 must be upgraded when each client computer restarts.

What should you do?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Assign version 2.0 of App1 by using a new GPO. Configure WMI filtering on the GPO.
- B. Publish version 2.0 of App1 by using a new GPO. Configure WMI filtering on the GPO.
- C. Publish version 2.0 of App1 by using a new GPO. Configure security filtering on the GPO.
- D. Assign version 2.0 of App1 by using a new GPO. Configure security filtering on the GPO.

Answer: A

Explanation:

Publishing an application only makes the application available and does not install the app. WMI filtering allows you to specify OS.

Question: 135

DRAG DROP

Your network contains an Active Directory domain. The domain contains servers that run Windows Server 2012 and client computers that run Windows 8.

You have three applications named App1, App2, and App3. App1 and App2 can run on Windows 8. App3 can run only on Windows XP.

You need to recommend application deployment solutions that meet the following requirements:

- ☞ App1 must be installed on all of the client computers in the domain automatically when the client computers restart.
- ☞ App2 must be installed only when a user executes a .xyz file.
- ☞ App3 must be available on all of the client computers.

Which application deployment solution should you recommend for each application?

To answer, drag the appropriate solution to the correct application in the answer are

- a. Each solution 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.

Solutions	Answer Area
Assign the application by using a Group Policy.	App1 Solution
Publish the application by using a Group Policy.	App2 Solution
Publish the application as a RemoteApp program.	App3 Solution
Deploy the application on a virtual machine on each client computer.	

Answer:

Solutions	Answer Area
Assign the application by using a Group Policy.	App1 Assign the application by using a Group Policy.
Publish the application by using a Group Policy.	App2 Publish the application by using a Group Policy.
Publish the application as a RemoteApp program.	App3 Deploy the application on a virtual machine on each client computer.
Deploy the application on a virtual machine on each client computer.	

Question: 136

Your network contains an Active Directory domain named adatum.com. The domain contains a server named Server1 that runs Windows Server 2012.

You need to prevent all of the applications that run on Server1 from running code from nonexecutable memory regions.

What should you do?

- A. From the local Group Policy, create an application control policy.
- B. From BCDEdit, modify the Data Execution Prevention (DEP) settings.
- C. From Windows PowerShell, run the Set-ExecutionPolicy cmdlet.
- D. From the local Group Policy, create a software restriction policy.

Answer: B

Case Study: 1 Proseware Inc Overview

Proseware, Inc. is an independent software vendor. The company has a main office and two branch offices. The main office is located in New York. The branch offices are located in London and Moscow.

Existing Environment

The New York office and the London office each contain the following servers that run Windows Server 2008 R2:

One Windows Deployment Services (WDS) server

One Remote Desktop Session Host (RD Session Host) server

Each office contains client computers that run Windows XP.

The London office and the New York office connect to each other by using a high-speed WAN link. The Moscow office and the New York office connect to each other by using a low-speed# high-latency WAN

link.

The network connection between the Moscow office and the New York office frequently fails.

Requirements

Planned Changes

The company plans to implement the following changes:

Migrate all of the client computers to Windows 8.

Deploy new applications named App1, App2, and App3.

Deploy a Virtual Desktop Infrastructure (VDI) in the New York office.

Deploy a Windows Server Update Services (WSUS) infrastructure.

Migration Requirements

The company identifies the following migration requirements:

Migrate the client computers to Windows 8 by using the Microsoft Deployment Toolkit (MDT).

Replace the client computers in the New York office.

Migrate the user settings during the migration to the new hardware.

Ensure that the client computers in the London office that are not PXE-capable can download images from WDS.

Reformat the existing disks in the London office during the migration to Windows 8.

Avoid using the WAN link between the Moscow and New York offices whenever possible.

Avoid deploying any servers to the Moscow office.

Virtual Desktop Infrastructure (VDI) Requirements

The company identifies the following VDI requirements:

Automatically provision new virtual desktops based on a virtual desktop template.

The new virtual desktops will run Windows 8.

Automatically discard any user changes to the new virtual desktops when the users log off.

Deploy a 3D graphics application named App1 to all of the new virtual desktops.

App1 will require DirectX 11 support.

Ensure that updates for App1 are applied to all of the new virtual desktops.

Application Requirements

The company identifies the following application requirements:

In the New York office, deploy an application named App2 to the client computers that run Windows 8.

Minimize the amount of resources used by App2 on the client computers.

In the London office, publish an application named App3 to the Work Resources (RADC) area of the Windows 8 Apps screen.

Security Requirements

The company identifies the following security requirements:

Ensure that updates for the New York, London, and Moscow offices can be approved only by the administrators in the New York office.

Ensure that the users in the New York office can use only classes of USB devices that are approved by the IT department.

Configure the replication of updates between the update servers in the New York and London offices.

Question: 1

You need to recommend a virtual desktop solution that meets the VDI requirements.

What should you recommend?

- A. Managed personal virtual desktop collections
- B. Unmanaged personal virtual desktop collections

- C. Managed pooled virtual desktop collections
- D. Unmanaged pooled virtual desktop collections

Answer: C

Explanation:

Virtual Desktop Collection There are two types of virtual desktop collections available: personal and pooled. You have the option to let Remote Desktop Services automatically manage pooled virtual desktops in a collection, or you can manually manage them. We will concentrate on automatically managed pooled virtual desktop collections. A managed pooled virtual desktop collection offers the following capabilities: Automatically create pooled virtual desktops based on a virtual desktop template.

Automatically install security updates and applications based on a virtual desktop template. Live migration with local caching. User profile disk support. A user profile disk stores user profile information in a separate virtual hard disk so that user profile settings are persistent across pooled virtual desktops. With either managed or unmanaged, the administrator can configure the pool to store the user profiles on User Profile disks separate from the machines.

<http://blogs.technet.com/b/canitpro/archive/2013/04/25/step-by-step-deploying-virtualdesktops-with-windowsserver-2012.aspx>

Virtual Machine-based desktop Deployment is of two types: Personal Virtual Desktop Collection – Administrators manually assign virtual desktops to the users. Pooled Virtual Desktop Collection - Administrators deploy virtual desktops and users are randomly assigned virtual desktops. At log off virtual desktops are generally rolled back (rollback is optional). Creating a Pooled Virtual Desktop Collection There are two types of Pooled Virtual desktop Collections: Pooled Managed The Virtual desktop machine is created using the Sysprep Template of a virtual machine. We can recreate the virtual desktops from this image at will. Pooled Unmanaged We can add the existing virtual machine to this virtual desktop collection from Hyper V pool. With either option, the administrator can configure the pool to store the user profiles on User Profile disks separate from the machines.

<http://blogs.technet.com/b/askperf/archive/2012/10/31/windows-8-windows-server-2012pooled-virtualdesktop-infrastructure.aspx>



<http://technet.microsoft.com/en-us/library/ee216741.aspx>

Question: 2

You need to configure a Deployment Workbench task sequence that meets the migration requirements of the London office.

Which task group should you edit?

- A. Preinstall
- B. State Restore
- C. Postinstall
- D. Capture the reference machine

Answer: A

Explanation:

Build name	Processor type	Processor feature
Build1	Intel Core i7	Intel Turbo Boost Technology
Build2	Intel Xeon	Intel Flex Memory Access
Build3	Intel Xeon	Second Level Address Translation (SLAT)
Build4	Intel Core i7	Intel Flex Memory Access

Question: 3

A hardware supplier provides you with four server builds. The server builds are configured as shown in the following table.



You need to recommend which server build must be used to meet the VDI requirements.
What should you include in the recommendation?

- A. Build1
- B. Build2
- C. Build3
- D. Build4

Answer: C

Question: 4

You need to recommend a solution for updating App1. The solution must meet the VDI requirements. What should you recommend?

- A. Create a new virtual machine from the template file, apply the patch, and create a snapshot of the virtual machine.
- B. Create a new virtual machine from the template file, apply the patch, and run sysprep.exe.
- C. Mount the virtual machine template on a physical host and configure the template to be bootable. Apply the patch and run sysprep.exe.
- D. Mount the virtual machine template on a physical host and configure the template to be bootable. Apply the patch and run dism.exe.

Answer: B

Explanation:

Ensure that updates for App1 are applied to all of the new virtual desktops. Rolling Out Updates to a Pooled Virtual Desktop Collection A Master or Gold VM is formally referred to as “virtual desktop template” in the WS2012 Server Manager UI console and the cmdlets in Remote Desktop Services module for Windows PowerShell. It is an input to the managed virtual desktop collection creation process that allows an admin to manage a virtual desktop collection. The Master VM is created and managed by the admin and it specifies the hardware properties and software contents of all the automatically created VMs in that managed virtual desktop collection. For example, if the master VM is assigned 2GB of RAM, then each of the automatically created VMs in the managed virtual desktop collection will be assigned 2GB RAM. In this section, I will describe the various supported options and requirements for the Master VM.

Virtual Hard Disk The Master VM can only have one virtual hard disk (VHD) attached to it; more than one VHD attached to the Master VM is not supported. The VHD attached to the Master VM must have either a Windows 7 SP1 or Windows 8 image in sysprep generalized state. A diff disk chain attached to the Master VM as its VHD is supported.

Although the VHD can have more than one logical partition defined in it, it can have only one Windows OS image installed in it.

<http://blogs.msdn.com/b/rds/archive/2012/10/29/single-image-management-for-virtualdesktop-collections-inwindows-server-2012.aspx>

Question: 5

You are planning the deployment of Remote Desktop Services (RDS) to support App3. The RDS servers will run Windows Server 2012.

You need to recommend which RDS role services are required to ensure that App3 meets the application requirements.

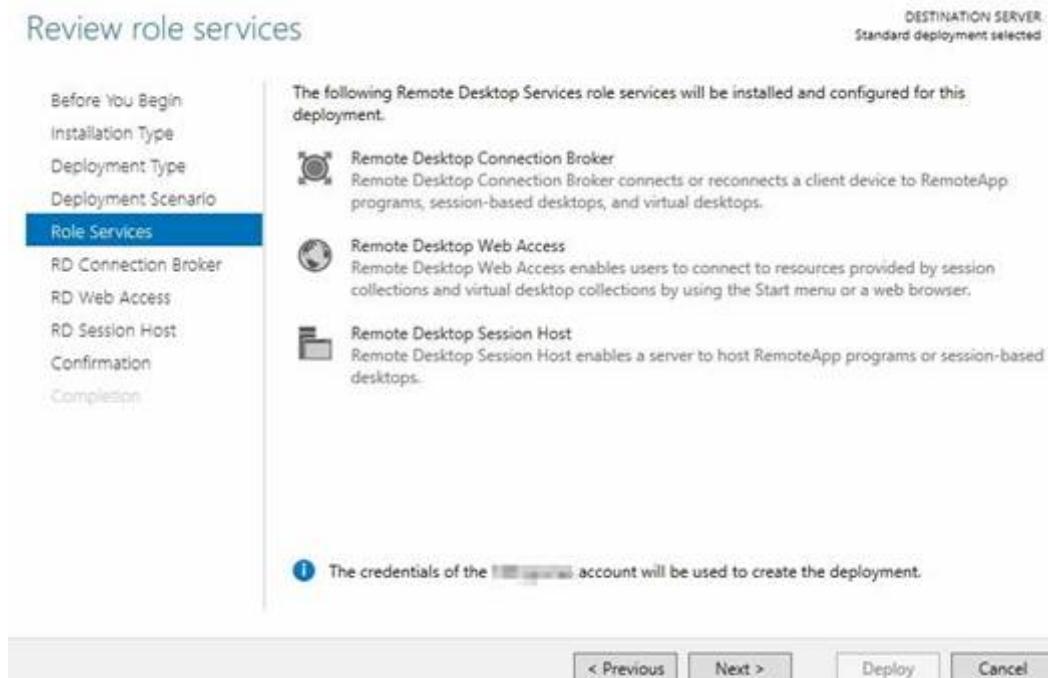
Which RDS role services should you recommend? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Remote Desktop Connection Broker
- B. Remote Desktop Gateway
- C. Remote Desktop Virtualization Host
- D. Remote Desktop Web Access
- E. Remote Desktop Session Host

Answer: B,C,D

Explanation:

App3 is a published program.



1. Virtual Hard Disk

- The Master VM can only have one virtual hard disk (VHD) attached to it; more than one VHD attached to the Master VM is not supported.
- The VHD attached to the Master VM must have either a Windows 7 SP1 or Windows 8 image in generalized state.
- A diff disk chain attached to the Master VM as its VHD is supported.
- Although the VHD can have more than one logical partition defined in it, it can have only one Windows OS image installed in it.

Question: 6

You need to prepare a virtual machine template that meets the VDI requirements. What should you do?

- Run dism.exe and specify the /image parameter.
- Run dism.exe and specify the /export-image parameter.
- Run sysprep.exe and specify the /audit parameter.
- Run sysprep.exe and specify the /generalize parameter.

Answer: D

Explanation:

1. Virtual Hard Disk
 - a. The Master VM can only have one virtual hard disk (VHD) attached to it; more than one VHD attached to the Master VM is not supported.
 - b. The VHD attached to the Master VM must have either a Windows 7 SP1 or Windows 8 image in **sysprep** generalized state.
 - c. A diff disk chain attached to the Master VM as its VHD is supported.
 - d. Although the VHD can have more than one logical partition defined in it, it can have only one Windows OS image installed in it.

Question: 7

You need to deploy Windows 8 to the client computers in the Moscow office. The solution must meet the migration requirements.

What should you do first?

- A. From the Windows Deployment Services console, add a boot image.
- B. From the Windows Deployment Services console, add an install image.
- C. From the Deployment Workbench, select New Media.
- D. From the Deployment Workbench, select New Linked Deployment Share

Answer: C

Explanation:

The assumption is we only want to use the WAN link when absolutely required. If we create a Linked Deployment Share, all selected data would be replicated to Moscow from New York.

By managing the Task Sequence/Share locally in Moscow with no link to New York, you're only downloading the media and software one time. Solution: Use MDT to create a bootable image for a DVD or external drive. Step 1: Create selection profiles. Step 2: Create your media. Step 3: Update your media. Step 4: Prepare your media. Step 5: Use your media on the client machine. Optional: Customize or automate your media.

Question: 8

You need to recommend an application deployment method for App2 that meets the application requirements. Which method should you recommend?

- A. Group Policy software installation
- B. A RemoteApp program
- C. A Microsoft Application Virtualization (App-V) package
- D. A Client Hyper-V virtual machine

Answer: B

Explanation:

App-V maintains local resources on the client whereas RemoteApp utilizes resources on the backend RDS Server. The network data sent to the client is also different, App-V has two feature packs that contain all binaries of the streamed app. Remote Apps utilizes RDP, so only the picture information, mouse, keyboard etc are transmitted. Actually they can be combined, applications can be streamed to a RDS server and published to the client via RemoteApp. For more information, please see <http://blogs.msdn.com/b/rds/archive/2009/10/14/whitepaperrelease-applicationvirtualization-4-5-for-terminal-services.aspx> For more information about App-V, I suggest that you post to

the App-V forum: <http://social.technet.microsoft.com/Forums/en-US/category/appvirtualization> Hope the information is helpful for your work.

Question: 9

You need to configure a Group Policy object (GPO) that meets the security requirements of the users in the New York office.

Which Group Policy settings should you configure?

- A. Allow installation of devices that match any of these device setup classes Prevent installation of devices not described by other policy settings
- B. All Removable Storage classes: Deny all access Prevent installation of devices not described by other policy settings
- C. Allow installation of devices that match any of these device setup classes Prevent installation of devices using drivers that match these device setup classes
- D. All Removable Storage classes: Deny all access Prevent installation of devices using drivers that match these device setup classes

Answer: A

Explanation:

You'd first allow installation of specific classes and then prevent all others. Prevent installation of devices not described by other policy settings. This policy setting controls the installation of devices that are not specifically described by any other policy setting. If you enable this policy setting, users cannot install or update the driver for devices unless they are described by either the Allow installation of devices that match these device IDs policy setting or the Allow installation of devices for these device classes policy setting. If you disable or do not configure this policy setting, users can install and update the driver for any device that is not described by the Prevent installation of devices that match these device IDs policy setting, the Prevent installation of devices for these device classes policy setting, or the Prevent installation of removable devices policy setting. <http://msdn.microsoft.com/en-us/library/bb530324.aspx>

Question: 10

You need to recommend a task sequence to migrate the client computers in the New York office to Windows B. The solution must meet the migration requirements.

Which command should you include in the recommendation?

- A. Migpol
- B. Winrm
- C. Wbadmin
- D. Scanstate

Answer: D

Explanation:

Replace the client computers in the New York office. Migrate the user settings during the migration to the new hardware

Case Study: 2

Contoso, Ltd

Overview

Contoso, Ltd., is a pharmaceutical company. The company has an office in Seattle.

Existing Environment

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

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

Server name	IP address	Role
SRV-DHCP	10.0.0.10/24	DHCP server
SRV-WSUS	10.0.0.20/24	Windows Server Update Services (WSUS) server

All client computers run Windows XP. All client computers are configured to receive automatic updates from SRV-WSUS.

All users have desktop computers. Users in the sales department also have laptop computers. The laptop computers are used by the sales users to remotely access the internal network by using a VPN connection.

The sales users use several line-of-business applications.

Requirements

Planned Changes

The company plans to deploy a Microsoft System Center 2012 Configuration Manager infrastructure that will contain two servers. The servers will be configured as shown in the following table.

Server name	IP address	Role
SRV-PRI	10.0.0.40/24	Primary site server
SRV-DP	10.0.0.50/24	Distribution point

The company plans to deploy a Remote Desktop Services (RDS) infrastructure that will contain the following servers:

Two Remote Desktop Connection Broker (RD Connection Broker) servers configured for high-availability

Two Remote Desktop Visualization Host (RD Virtualization Host) servers

Two Remote Desktop Web Access (RD Web Access) servers

Two Remote Desktop Gateway (RD Gateway) servers

Technical Requirements

The company identifies the following technical requirements:

Configuration Manager must be used to deploy operating systems and patches.

An existing virtual machine that runs Windows 8 must be used as the reference computer for the deployment of new client computers.

To troubleshoot installation issues, technicians must be able to open a Command Prompt window during the deployment of Windows 8 to the new client computers.

Sales Department Requirements

The company identifies the following requirements for the sales users:

All of the files on the laptop computers must be encrypted.

The amount of administrative effort must be minimized whenever possible. Certificate warnings must not be displayed when connecting to virtual desktops.

The availability of the virtual desktops must not be affected by a single server failure.

The desktop computers of the sales users must be replaced by virtual desktops that run Windows 8.

The contents of each sales user's Documents folder must be the same on the virtual desktop and the laptop computer.

The sales users must be able to connect to their virtual desktop from their laptop computer without using a VPN connection.

The sales users must be able to configure their user settings independently on their virtual desktop and their laptop computer.

The line-of-business applications must be installed on the virtual desktops only.
The line-of-business applications require hardware acceleration to run.

Question: 1

You need to configure RDS to use certificates to meet the sales department requirements.
What should you do?

- A. On the RD Virtualization Host servers, install a certificate in the personal store of the local computer.
- B. On the RD Web Access servers, edit the properties of the RDWeb website.
- C. On the RD Connection Broker servers, edit the deployment properties.
- D. On the RD Connection Broker servers, edit the collection properties.

Answer: C

Explanation:

The company identifies the following requirements for the sales users:

- All of the files on the laptop computers must be encrypted.
- The amount of administrative effort must be minimized whenever possible.
- Certificate warnings must not be displayed when connecting to virtual desktops.

The availability of the virtual desktops must not be affected by a single server failure.

The desktop computers of the sales users must be replaced by virtual desktops that run Windows 8.

The contents of each sales user's Documents folder must be the same on the virtual desktop and the laptop computer.

The sales users must be able to connect to their virtual desktop from their laptop computer without using a VPN connection.

The sales users must be able to configure their user settings independently on their virtual desktop and their laptop computer.

The line-of-business applications must be installed on the virtual desktops only. The line-of-business applications require hardware acceleration to run. Once this certificate has been created it needs to be applied to the RD Gateway and RD Web Access servers. This is done in the RDS Deployment Properties

Question: 2

You need to recommend a change to the network to ensure that you can perform a bare metal deployment of Windows 8. The solution must meet the technical requirements.

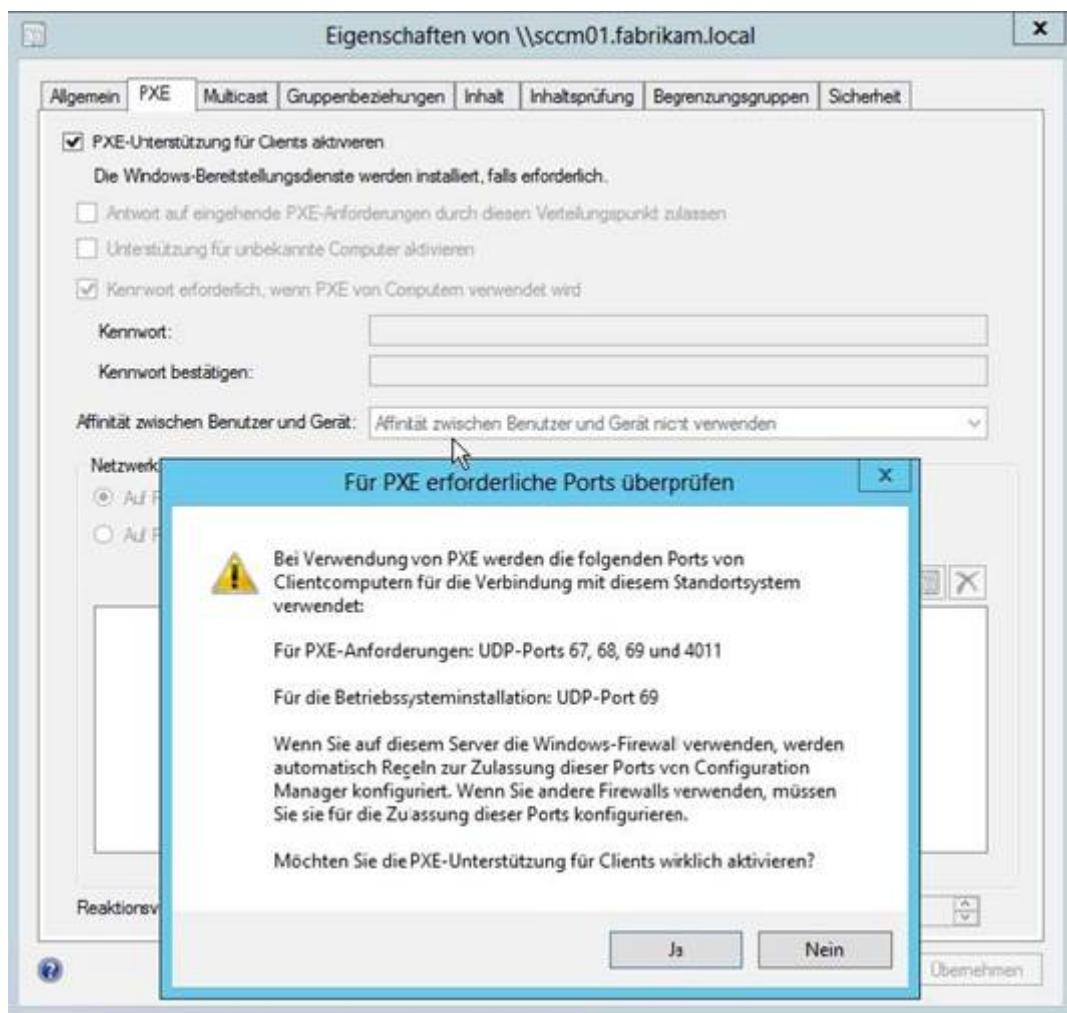
What should you recommend?

- A. On SRV-DP, enable PXE support for clients from the Configuration Manager console.
- B. On SRV-DHCP, configure options 66 and 67.
- C. On SRV-DHCP, install the Windows Deployment Services server role and configure option 60.
- D. On SRV-DP, install the Windows Deployment Services server role and configure a PXE Response Policy from the Windows Deployment Services console.

Answer: A

Explanation:

Enabling PXE support on the Distribution Point will achieve the technical requirements. If you enable the Checkbox for PXE Support, this will automatically install WDS transport. The appropriate ports UDP 67,68,69 and 4011 will be opened in the firewall. Sorry for german screenshot.



Question: 3

You need to ensure that when the sales users connect to their virtual desktop by using RD Web Access, the users can select the Experience setting manually from the RD Web Access website.

What should you include in the solution?

- A. On the RD Connection Broker Host servers, install the Quality Windows Audio Video Experience feature.
- B. On the RD Web Access servers, modify the Default.aspx file located in %SYSTEMROOT%\Web\RDWeb\Pages.
- C. On the RD Virtualization Host servers, install the Quality Windows Audio Video Experience feature.
- D. On the RD Web Access servers, modify the Web.config file located in %SYSTEMROOT%\Web\RDWeb\Pages.

Answer: D

Explanation:

The option is used for RemoteFX. This is the same as the option connection type:i:6 in the properties of a RDP. By setting the values below we can choose whether to show this option or not. <http://technet.microsoft.com/en-us/library/gg607274%28WS.10%29.aspx>

```

<add key="PublicModeSessionTimeoutInMinutes" value="20" />
<add key="PrivateModeSessionTimeoutInMinutes" value="240" />

<!-- Checkbox to opt for optimized LAN experience -->
<add key="ShowOptimizeExperience" value="true" />
<add key="OptimizeExperienceState" value="true" />

```

Question: 4

You need to implement a solution to deploy patches to all of the client computers. The solution must meet the technical requirements.

What should you do first?

- A. Install the Windows Server Update Services Tools feature on SRV-PRI.
- B. Install the Configuration Manager console on SRV-WSUS.
- C. Install the Configuration Manager console on SRV-DP.
- D. Install the Windows Server Update Services Tools feature on SRV-DP.

Answer: A

Explanation:

The company identifies the following technical requirements:

- Configuration Manager must be used to deploy operating systems and patches.
 - An existing virtual machine that runs Windows 8 must be used as the reference computer for the deployment of new client computers.
 - To troubleshoot installation issues, technicians must be able to open a Command Prompt window during the deployment of Windows 8 to the new client computers. There is already a WSUS (SRV-WSUS) server present in our network. We can continue to use it by integrating it with SCCM or replace it by transferring metadata and updates to our future Software Update Point on the SCCM primary site server. In order to achieve this WSUS SDK / Wsus management console -connected to the wsus is a prerequisite on the primary Site server.
2. You need a SUP at every primary site - unlike other WSUS-based implementations, SCCM requires one at every site to function.

Question: 5

You need to recommend a configuration of the RD Gateway servers to allow the sales users to connect to their virtual desktop.

The solution must meet the sales department requirements.

What should you include in the recommendation?

- A. SSL bridging by using HTTPS-HTTP bridging
- B. SSL bridging by using HTTPS-HTTPS bridging
- C. A Remote Desktop resource authorization policy (RD RAP) that uses an RD Gateway-managed computer group

- D. A Remote Desktop resource authorization policy (RD RAP) that uses a network resource group in Active Directory Domain Services (AD DS)

Answer: C

Explanation:

An RD Gateway-managed group is a group of computers maintained by an RD Gateway, instead of Active Directory. Most of the time, specifying Active Directory computer groups in RD RAPs will make the most sense. If you have an RD Session Host farm, though, you'll have to create an RD Gateway-managed group to control access to the farm via RD Gateway. Active Directory doesn't have a way of identifying multiple RD Session Host servers by their farm name. Requirements: The availability of the virtual desktops must not be affected by a single server failure. See planned changes: 2 Virtualization host servers, 2 RD Web Access servers

Question: 6

You need to recommend a solution for protecting the files stored on the laptop computers of the sales users. The solution must meet the sales department requirements.

What should you recommend?

- A. BitLocker Drive Encryption (BitLocker) that uses a SID-based protector
- B. BitLocker Drive Encryption (BitLocker) that uses a password protector
- C. Encrypting File System (EFS) that uses certificates from a certification authority (CA)
- D. Encrypting File System (EFS) that uses self-signed certificates

Answer: B

Explanation:

-All of the files on the laptop computers must be encrypted.

Active Directory SID-based protector. This protector can be added to both operating system and data volumes, although it does not unlock operating system volumes in the pre-boot environment. The protector requires the SID for the domain account or group to link with the protector. BitLocker can protect a clusteraware disk by adding a SID-based protector for the Cluster Name Object (CNO) that lets the disk properly failover to and be unlocked by any member computer of the cluster. The ADAccountOrGroup protector requires the use of an additional protector for use (such as TPM, PIN, or recovery key) when used on operating system volumes To add an ADAccountOrGroup protector to a volume requires either the actual domain SID or the group name preceded by the domain and a backslash. In the example below, the CONTOSO\Administrator account is added as a protector to the data volume G. Active Directory-based protectors are normally used to unlock Failover Cluster enabled volumes.

Question: 7

You need to ensure that the technicians can troubleshoot the operating system deployments. The solution must meet the technical requirements.

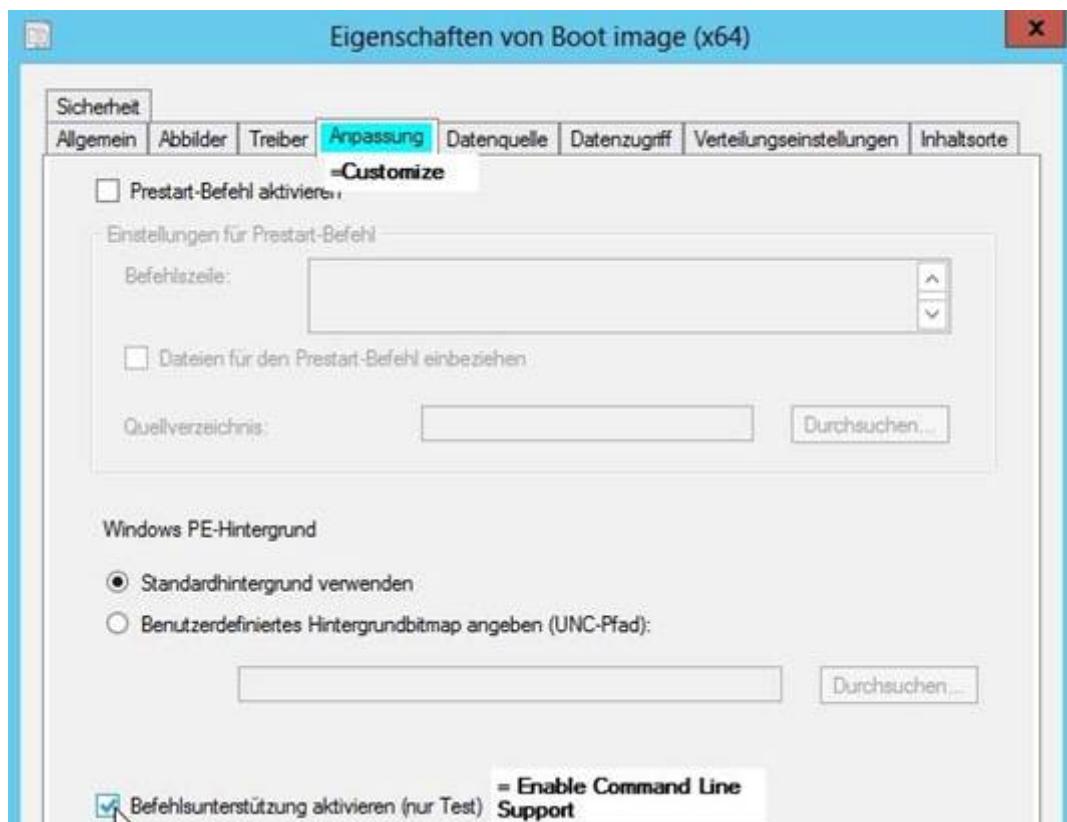
Which properties should you modify?

- A. Distribution point
- B. Boot image
- C. Install image
- D. Operating system installer

Answer: B

Explanation:

-To troubleshoot installation issues, technicians must be able to open a Command Prompt window during the deployment of Windows 8 to the new client computers. Enable command line support (F8) on the boot image in SCCM.

**Question: 8**

You need to recommend a solution for managing the user state of the virtual desktops. The solution must meet the sales department requirements.

What should you include in the recommendation?

- A. Roaming profiles and home folders
- B. Roaming profiles and Folder Redirection
- C. User profile disks and Folder Redirection
- D. User profile disks and roaming profiles

Answer: C**Explanation:**

The sales users must be able to configure their user settings independently on their virtual desktop and their laptop computer. The contents of each sales user's Documents folder must be the same on the virtual desktop and the laptop computer. User profile disks: As the user logs on to different virtual machines within the pool or different hosts within the session collection, the User Profile Disk gets mounted, providing access to the complete profile. Folder Redirection: The contents of each sales user's Documents folder must be the same on the virtual desktop and the laptop computer.

Question: 9

You need to ensure that the line-of-business applications run successfully for the sales users. The solution must meet the sales department requirements.

What should you do?

- A. On the RD Virtualization Host servers, install the Quality Windows Audio Video Experience feature.
- B. On the RD Connection Broker servers, modify the deployment properties.
- C. On the RD Virtualization Host servers, modify the Hyper-V settings.
- D. On the RD Connection Broker servers, modify the properties of the virtual desktop collection.

Answer: C

Explanation:

The line-of-business applications must be installed on the virtual desktops only. The line-of-business applications require hardware acceleration to run.

Open Hyper-V Manager. Click Start, point to Administrative Tools, and then click Hyper-V Manager.

In the Results pane, under Virtual Machines, select the virtual machine that you want to configure. The virtual machine must be off in order to modify its settings.

In the Action pane, under the virtual machine name, click Settings. Then, in the navigation pane, click RemoteFX 3D Video Adapter.

On the RemoteFX 3D Video Adapter page, specify the number of monitors and resolutions, and then click OK. When you are using the virtual 3D video adapter, you will not be able to use the Virtual Machine Connection.

Use Remote Desktop instead. If you need to use Virtual Machine Connection, you must remove the virtual 3D video card from the virtual machine.

Question: 10

You need to create an operating system image for the deployment of Windows 8. The solution must meet the technical requirements.

What should you create?

- A. A script that runs the WIM2VHD utility
- B. A stand-alone media task sequence
- C. A capture media task sequence
- D. A build and capture task sequence

Answer: D

Explanation:

An existing virtual machine that runs Windows 8 must be used as the reference computer for the deployment of new client computers. <http://www.kozeniauskas.com/itblog/2008/01/18/sccm-creating-capture-media/> A build and capture task sequence is used to create the Master (or Core) image. The image created in the build and capture task is the image to be used in the Deploy Task Sequence. <http://www.windows-noob.com/forums/index.php?/topic/3946-using-sccm-2012-beta2-in-alab-part-7-deploying-windows-7-enterprise/>

Question: 11

You are evaluating the implementation of virtual desktops on non-clustered servers.

You need to recommend which RDS collection type must be used to provision the virtual desktops for the sales users.

The solution must meet the sales department requirements.
Which type of collection should you recommend?

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

Answer: C

Case Study: 3

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 App1, 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 requirements

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 App1. 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: C

Explanation: Using a GPO to set the RA and RD Connections allows you to input a URL that publishes the applications and then allows them to use document invocation.

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 Silverlight

Answer: D

Explanation:

<http://technet.microsoft.com/en-us/library/jj713458.aspx>

Management console requires Silverlight, Visual C++2010 SP1, and .Net 4.0.

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

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

Question: 9

You virtualize App5 and App6. You need to ensure that App5 and App6 meet the application requirements. What should you do?

- A. From the Application Virtualization Management Console, add a connection group.
- B. From the Application Virtualization Management Console, upgrade the packages.
- C. From the Microsoft Application Virtualization Sequencer, modify the Properties settings of App5 and App6.
- D. From the Microsoft Application Virtualization Sequencer, modify the Deployment settings of App5 and App6.

Answer: A

Explanation: <http://blogs.technet.com/b/appv/archive/2012/11/06/deploying-connectiongroups-app-v-5-0.aspx>

Question: 10

You need to secure the RD Web Access servers. The solution must meet the technical requirements.
What should you do?

- A. From Server Manager, edit the deployment properties.
- B. From the Certificates console, import the custom certificate to the personal certificates store of the local computer.
- C. From Server Manager, edit the collection properties.
- D. From the Certificates console, import the custom certificate to the Remote Desktop certificates store of the local computer.

Answer: A

Question: 11

You need to implement a software inventory solution for the

A. Datum network. The solution must meet the technical requirements.

What should you implement?

A. The Microsoft Deployment Toolkit (MDT)

B. The Microsoft Assessment and Planning (MAP) Toolkit

C. The Windows Assessment and Deployment Kit (Windows ADK)

D. Windows Intune

Answer: B

Explanation:

Intune requires an agent installed which is a direct conflict with the technical requirement to not install additional software (<http://www.microsoft.com/sam/en/us/intune.aspx>)

MAP is an agent-less inventory service (<http://www.microsoft.com/sam/en/us/map.aspx>)

Case Study: 4

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 RemoteApp 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

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 wuactl.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

Explanation: <http://support.microsoft.com/kb/934307>

WUSA can be used to script hotfix installations. Hotfixes that are downloaded from MS but not available as part of the standard update catalog cannot be installed with WSUS.

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

Explanation:

App-V does not support 16bit applications. RemoteApp is running from a 64bit OS; 16bit apps are not supported on a 64bit OS.

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

Question: 9

You need to recommend a solution to distribute sessions to the RD Session Host servers. The solution must meet the technical requirements.

What should you recommend?

- A. On the RD Session Host servers, install and configure the Windows System Resource Manager feature.
- B. On the RD Connection Broker servers, configure the deployment properties.
- C. On the RD Web Access servers, modify the Web.config file located in %Systemroot%\Web\RDWeb \Pages.
- D. On the RD Connection Broker servers, configure the collection

Answer: D

Question: 10

You need to update the Windows 8 image. The solution must meet the application requirements.

What should you do first?

- A. Run dism and specify the /export-defaultappassociations switch.
- B. Run dism and specify the /rernoveprovisionedappxpackage switch.
- C. Run dism and specify the /rernove-package switch.
- D. Run dism and specify the /check-apppatch switch.

Answer: B

Question: 11

You need to deploy App1 and App2 to the RD Session Host servers. The solution must meet the application requirements.

What should you do first?

- A. Install Microsoft Silverlight.
- B. Install the Windows Internal Database feature.
- C. Install the Quality Windows Audio Video feature
- D. Install the App-V Remote Desktop Services client.

Answer: D

Question: 12

You need to monitor the usage of the APP-V applications. The Solution must meet the application requirements.

What should you do?

- A. On the App-V management servers, run Update-AppvServerConnectionGroup.
- B. On the App-V publishing servers, run Set-AppvPublishingServer.
- C. On the clients computers, run Publish-AppVClientPackages.
- D. On the client computers, run Set-AppvClientConfiguration.

Answer: C
