QUESTION 1
Your network contains the following:
- 20 Hyper-V hosts
- 100 virtual machines
- 2,000 client computers
You need to recommend an update infrastructure design to meet the following requirements:
Deploy updates to all virtual machines and the client computers from a single console. Generate reports that contain a list of the applied updates.
What should you recommend?
More than one answer choice may achieve the goal. Select the BEST answer.
A. One Windows Server Update Services (WSUS) server integrated with Microsoft System Center 2012 Configuration Manager and a second WSUS server that is integrated with Microsoft System Center 2012 Virtual Machine Manager (VMM)
B. One Windows Server Update Services (WSUS) server integrated with Microsoft System Center 2012 Configuration Manager and Microsoft System Center 2012 Virtual Machine Manager (VMM)
C. One Windows Server Update Services (WSUS) server integrated with Microsoft System Center 2012 Virtual Machine Manager (VMM)
D. One Windows Server Update Services (WSUS) server integrated with Microsoft System Center 2012 Configuration Manager, a second WSUS server integrated with Microsoft System Center 2012 Virtual Machine Manager (VMM), and a third standalone WSUS server.
Correct Answer: B

QUESTION 2
Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 infrastructure. You deploy a service named Service1 by using a service template. Service1 contains two virtual machines. The virtual machines are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Virtual machine name</th>
<th>Roles and software</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM1</td>
<td>Web server&lt;br&gt;Windows Server 2012&lt;br&gt;Operations Manager agent&lt;br&gt;Configuration Manager agent</td>
</tr>
<tr>
<td>VM2</td>
<td>Windows Server 2012&lt;br&gt;Operations Manager agent&lt;br&gt;Microsoft SQL Server 2012&lt;br&gt;Configuration Manager agent</td>
</tr>
</tbody>
</table>

You need to recommend a monitoring solution to ensure that an administrator can review the availability information of Service1. What should you do?
A. From Configuration Manager, create a Collection and a Desired Configuration Management baseline.
B. From Virtual Machine Manager (VMM), modify the properties of the service template.
C. From Operations Manager, create a Distributed Application and a Monitor Override.
D. From Operations Manager, create a Distributed Application and a Service Level Tracking object.
Correct Answer: D

QUESTION 3
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

Correct Answer: D

QUESTION 4
Your network contains 10 servers that run Windows Server 2012. The servers have the Hyper-V server role installed. The servers host a Virtual Desktop Infrastructure (VDI) that contains persistent virtual machines. Each virtual machine is assigned to a specific user. Users can install software on their specific virtual machine. You need to implement a solution to generate monthly reports that contain a list of all the installed software on the virtual machines. The solution must NOT require the installation of additional software on the virtual machines. Which solution should you implement?

A. A Microsoft System Center 2012 Configuration Manager software inventory
B. A Microsoft System Center 2012 Configuration Manager hardware inventory
C. Microsoft Assessment and Planning (MAP) Toolkit scans
D. Microsoft Audit Collection Services (ACS) audit logs

Correct Answer: C

QUESTION 5
Your network contains 20 servers that run Windows Server 2012. The servers have the Hyper-V server role installed. You plan to deploy a management solution. You need to recommend which Microsoft System Center 2012 roles must be deployed to meet the following requirements:
- An administrator must be notified when an incident occurs, such as a serious error in the event log, on a Hyper-V host, or on a virtual machine. An administrator must be able to assign an incident to a specific administrator for resolution. An incident that remains unresolved for more than 10 hours must be escalated automatically to another administrator. Administrators must be able to generate reports that contain the details of incidents and escalations. Which System Center 2012 roles should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

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

Correct Answer: A

QUESTION 6
Your company has a human resources department, a finance department, a sales department, and an R&D department. The company audits the access of documents that contain department-specific sensitive information. You are planning an administrative model for the departments to meet the following requirements:
- Provide R&D managers with the ability to back up all the files of their department only.
- Provide finance managers with the ability to view the audit logs for the files of their department only.
- Provide human resources managers with the ability to view the audit logs for the files of their department only.
- Provide sales managers with the ability to modify the permissions on all the shared folders of their department only.

You need to identify the minimum amount of file servers required on the network to meet the requirements of each department. How many file servers should you identify?

A. 1
QUESTION 7
Your company has a main office and a branch office. Each office contains several hundred computers that run Windows 2012. You plan to deploy two Windows Server Update Services (WSUS) servers. The WSUS servers will be configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Main</td>
</tr>
<tr>
<td>Server2</td>
<td>Branch</td>
</tr>
</tbody>
</table>

You need to implement the WSUS infrastructure to meet the following requirements:
All updates must be approved from a server in the main office. All client computers must connect to a WSUS server in their local office. What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

A. Deploy a Group Policy object (GPO) that has the update location set to Server1.
B. On Server2, configure WSUS in Replica mode.
C. On Server1, configure WSUS in Replica mode.
D. On Server2, configure WSUS in Autonomous mode.
E. Deploy a Group Policy object (GPO) that has the update location set to Server2.
F. On Server1, configure WSUS in Autonomous mode.

Correct Answer: ABEF

QUESTION 8
Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System center 2012 infrastructure. The domain contains the computers configured as shown in the following table.

<table>
<thead>
<tr>
<th>Computer</th>
<th>Operating system</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,200 desktop computers</td>
<td>Windows 7</td>
</tr>
<tr>
<td>500 desktop computers</td>
<td>Windows 8</td>
</tr>
<tr>
<td>30 servers</td>
<td>Windows Server 2012</td>
</tr>
<tr>
<td>20 servers</td>
<td>Windows Server 2008 R2</td>
</tr>
</tbody>
</table>

You need to implement a monitoring solution that gathers the security logs from all of the computers in the domain. Which monitoring solution should you implement? More than one answer choice may achieve the goal. Select the BEST answer.

A. Data Collector Sets (DCSs)
B. Event subscriptions
C. Desired Configuration Management in Configuration Manager
D. Audit Collection Services (ACS) in Operations Manager

Correct Answer: D

QUESTION 9
Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 infrastructure. All client computers have a custom application named App1 installed.
App1 generates an Event ID 42 every time the application runs out of memory. Users report that when App1 runs out of memory, their client computer runs slowly until they manually restart App1. You need to recommend a solution that automatically restarts App1 when the application runs out of memory. What should you include in the recommendation?

A. From Configurations Manager, create a desired configuration management baseline,
B. From Operations Manager, create an alert.
C. From Windows System Resource Manager, create a resource allocation policy.
D. From Event Viewer, attach a task to the event.

Correct Answer: B

QUESTION 10
Your network contains two clusters. The clusters are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Cluster name</th>
<th>Resource</th>
<th>Node</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cluster1</td>
<td>Hyper-V</td>
<td>3</td>
</tr>
<tr>
<td>Cluster2</td>
<td>Distributed File System (DFS)</td>
<td>5</td>
</tr>
</tbody>
</table>

All of the servers in both of the clusters run Windows Server 2012. You need to plan the application of Windows updates to the nodes in the cluster. What should you include in the plan? More than one answer choice may achieve the goal. Select the BEST answer.

A. Cluster-Aware Updating (CAU) self-updating and downloaded updates from Windows Server Update Services (WSUS)
B. Microsoft System Center 2012 Service Manager integrated with Windows Server Update Service (WSUS)
C. A manual application of Windows updates on all of the cluster nodes
D. Microsoft System Center 2012 Configuration Manager integrated with Windows Server Update Service (WSUS)

Correct Answer: A

QUESTION 11
Your network contains an Active Directory domain named contoso.com. The domain contains 20 servers that run Windows Server 2012. The domain contains a Microsoft System Center 2012 infrastructure. A web application named WebApp1 is installed on the 20 servers. You plan to deploy a custom registry key for WebApp1 on the 20 servers. You plan to deploy a custom registry key for WebApp1 on the 20 servers. You need to verify whether the registry key was applied successfully to the servers. What should you do? More than one answer choice may achieve the goal. Select the BEST answer.

A. From Operations Manager, create a monitor.
B. From the Group Policy Management console, create a Group Policy object (GPO).
C. From Configuration Manager, create a Compliance Settings.
D. From Orchestrator Runbook Designer, create a runbook.

Correct Answer: C

QUESTION 12
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

**Correct Answer:** C

**QUESTION 13**
Your network contains the following roles and applications:
- Microsoft SQL Server 2012
- Distributed File System (DFS) Replication
- Active Directory Domain Services (AD DS)
- Active Directory Rights Management Services (AD RMS)
- Active Directory Lightweight Directory Services (AD LDS)

You plan to deploy Active Directory Federation Services (AD FS). You need to identify which deployed services or applications can be used as attribute stores for the planned AD FS deployment. What should you identify? (Each correct answer presents a complete solution. Choose all that apply.)

A. DFS  
B. AD RMS  
C. Microsoft SQL Server 2012  
D. AD LDS  
E. AD DS

**Correct Answer:** CDE

**QUESTION 14**
Your network contains an Active Directory domain named contoso.com. The network contains 15,000 client computers. You plan to deploy an Active Directory Certificate Services (AD CS) infrastructure and issue certificates to all of the network devices. You need to recommend a solution to minimize the amount of network utilization caused by certificate revocation list (CRL) checking. What should you include in the recommendation? More than one answer choice may achieve the goal. Select the BEST answer.

A. The Network Device Enrollment Service role service  
B. An increase of the CRL validity period  
C. A reduction of the CRL validity period  
D. The Online Responder role service

**Correct Answer:** D

**QUESTION 15**
Your network contains an Active Directory domain named contoso.com. You deploy Active Directory Certificate Services (AD CS). You plan to deploy 100 external Web servers that will be publicly accessible and will require Secure Sockets Layer (SSL) certificates. You also plan to deploy 50,000 certificates for secure email exchanges with Internet-based recipients. You need to recommend a certificate services solution for the planned deployment. What should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

A. Deploy a certification authority (CA) that is subordinate to an external root CA.  
B. Purchase 50,100 certificates from a trusted third-party root certification authority (CA).  
C. Distribute a copy of the root certification authority (CA) certificate to external relying parties.  
D. Instruct each user to request a Secure Email certificate from a trusted third-party root CA, and then purchase 100 Web server certificates.

**Correct Answer:** A

**QUESTION 16**
Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure. You need to issue a certificate to users to meet the following requirements:
Ensure that the users can encrypt files by using Encrypting File System (EFS). Ensure that all of the users reenroll for their certificate every six months. What should you do first?

A. From the properties of the User certificate template, assign the Allow - Enroll permission to the Authenticated Users group.
B. From the properties of the Basic EFS template, assign the Allow - Enroll permission to the Authenticated Users group.
C. Create a copy of the User certificate template, and then modify the extensions of the copy.
D. Create a copy of the Basic EFS certificate template, and then modify the validity period of the copy.

Correct Answer: D

QUESTION 17
Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure. You deploy Active Directory Rights Management Services (AD RMS) on the network. You provide several users on the network with the ability to protect content by using AD RMS. You need to recommend a solution to provide the members of a group named Audit with the ability to read and modify all of the AD RMS-protected content. What should you recommend?

A. Issue a CEP Encryption certificate to the members of the Audit group.
B. Issue a key recovery agent certificate to the members of the Audit group.
C. Add the Audit group as a member of the super users group.
D. Add the Audit group as a member of the Domain Admins group.

Correct Answer: C

QUESTION 18
Your network contains an Active Directory domain named contoso.com. The network contains a perimeter network. The perimeter network and the internal network are separated by a firewall. On the perimeter network, you deploy a server named Server1 that runs Windows Server 2012. You deploy Active Directory Certificate Services (AD CS). Each user is issued a smart card. Users report that when they work remotely, they are unable to renew their smart card certificate. You need to recommend a solution to ensure that the users can renew their smart card certificate from the Internet. What should you recommend implementing on Server1? More than one answer choice may achieve the goal. Select the BEST answer.

A. The Certification Authority Web Enrollment role service and the Online Responder role service
B. The Active Directory Federation Services server role
C. The Certificate Enrollment Policy Web Service role service and the Certificate Enrollment Web Service role service
D. An additional certification authority (CA) and the Online Responder role service

Correct Answer: C

QUESTION 19
Your company, which is named Contoso, Ltd., has offices only in North America. The company has 2,000 users. The network contains an Active Directory domain named contoso.com. You plan to deploy an Active Directory Certificate Services (AD CS) infrastructure and assign certificates to all client computers. You need to recommend a PKI solution to protect the private key of the root certification authority (CA) from being accessed by external users. What should you recommend?

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

A. An offline standalone root CA and an online enterprise issuing CA
B. An online enterprise root CA and an online enterprise issuing CA
C. An offline standalone root CA and an offline enterprise issuing CA
D. An online enterprise root CA, an online enterprise policy CA, and an online enterprise issuing CA

Correct Answer: A
QUESTION 20
Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure. You publish the certificate revocation list (CRL) to a farm of Web servers. You are creating a disaster recovery plan for the AD CS infrastructure. You need to recommend which actions must be performed to restore certificate revocation checking if a certification authority (CA) is offline for an extended period of time. Which three actions should you recommend? To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>By using Certutil, republish the CRL.</td>
<td></td>
</tr>
<tr>
<td>Restore a copy of the CA’s private key, and then retrieve a copy of the CRL.</td>
<td></td>
</tr>
<tr>
<td>Copy the CRL to the Web server farm.</td>
<td></td>
</tr>
<tr>
<td>By using Certutil, resign the CRL, and then extend the validity period of the CRL.</td>
<td></td>
</tr>
<tr>
<td>Restore a copy of the CA’s public key and a copy of the CA’s certificate.</td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>By using Certutil, republish the CRL.</td>
<td></td>
</tr>
<tr>
<td>Restore a copy of the CA’s private key, and then retrieve a copy of the CRL.</td>
<td></td>
</tr>
<tr>
<td>By using Certutil, resign the CRL, and then extend the validity period of the CRL.</td>
<td></td>
</tr>
</tbody>
</table>

QUESTION 21
Your network contains an Active Directory domain named contoso.com. The domain contains four servers named Server1, Server2, Server3, and Server4 that run Windows Server 2012. Server1 and Server2 are configured as file servers and are part of a failover cluster named Cluster1. Server3 and Server4 have
Microsoft SQL Server 2012 installed and are part of a failover cluster named Cluster2. You add a disk named Disk1 to the nodes in Cluster1. Disk1 will be used to store the data files and log files used by SQL Server 2012. You need to configure the environment so that access to Disk1 remains available when a node on Cluster1 fails over or fails back. 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.

Select and Place:

<table>
<thead>
<tr>
<th>Actions</th>
<th></th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Failover Cluster Manager, configure the clustered File Server role of the File Server for scale-out application data type on Cluster2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Failover Cluster Manager, add Disk1 to Cluster Shared Volumes (CSVs).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Cluster-Aware Updating, add Server1 and Server2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Failover Cluster Manager, configure the clustered File Server role of the File Server for scale-out application data type on Cluster1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Failover Cluster Manager, add Disk1 to Cluster1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From Failover Cluster Manager, add Disk1 to Cluster2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer:
QUESTION 22
Your network contains an Active Directory domain. The domain contains a site named Site1. All of the
client computers in Site1 use static IPv4 addresses on a single subnet. Site1 contains a Storage Area
Network (SAN) device and two servers named Server1 and Server2 that run Windows Server 2012. You
plan to implement a DHCP infrastructure that will contain Server1 and Server2. The infrastructure will
contain several IP address reservations. You need to recommend a solution for the DHCP infrastructure to
ensure that clients can receive IP addresses from a DHCP server if either Server1 or Server2 fails. What
should you recommend? (Each correct answer is a complete solution. Choose all that apply.)
A. Configure all of the client computers to use IPv6 addresses, and then configure Server1 and Server2 to
run DHCP in stateless mode.
B. Configure Server1 and Server2 as members of a failover cluster, and then configure DHCP as a
clustered resource.
C. Configure a DHCP failover relationship that contains Server1 and Server2.
D. Create a scope for each server, and then configure each scope to contain half of the IP addresses.
Correct Answer: BCD