70-336 108(Questions) Core Solutions of Microsoft Lync Server 2013

Exam Code: [Link to practice exam]
Certification: MCSE
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[Link to AOowe website]

Question 1
Which database should you back up?
You have a server that has Lync Server 2013 Standard Edition deployed. You need to back up the database of the Central Management store. Which database should you back up?
To answer, select the appropriate object in the answer area.

Correct Answer:

Explanation/Reference:
Note:
The name of the actual database on the Central Management Server and the local replica is the XDS, which is made up of the xds.mdf and xds.ldf files.

Question 2
What should you use from the Microsoft Lync Server 2013 Control Panel?
You have a Lync Server 2013 infrastructure that is used for conferencing and Enterprise Voice. Only users who are enabled for Enterprise Voice can use the callback feature. Other users report that they cannot use the callback feature. You need to ensure that all of the users who are NOT enabled for Enterprise Voice can use the callback feature. What should you use from the Microsoft Lync Server 2013 Control Panel?
To answer, select the appropriate object in the answer area.

Correct Answer:
Question 3
Which service should you start?
You have a Lync Server 2013 infrastructure. The infrastructure contains four Standard Edition Front End Servers and an Edge Server. You run `Get-CsManagementStoreReplicationStatus` | ft ReplicaFQDN, UpToDate and you receive the following output:

**Correct Answer:**

**Explanation/Reference:**
Note: Configure callback through Conferencing
On the server responsible for the replication of the Central Management store, you discover that several services have stopped.

You need to enable the replication of the Central Management store.

Which service should you start? (To answer, select the appropriate service in the answer area.)

Hot Area:

Correct Answer:

Explanation/Reference:

Question 4
What is the minimum number of Edge Servers, Federation routes, SIP domains, and Sites that you should you recommend?

Your company has two main offices. The main offices are located in Tokyo and Athens. The network contains an Active Directory forest named contoso.com.

The offices connect to each other by using a WAN link. Each office connects directly to the Internet.

You plan to deploy a Lync Server 2013 infrastructure that has federation enabled.

You need to recommend a Lync Server 2013 topology for the planned deployment. The solution must ensure that each office uses its local Internet connection for federated communications with the company’s external partners.

What is the minimum number of Edge Servers, Federation routes, SIP domains, and Sites that you should you recommend?

To answer, select the appropriate number of Edge Servers, Federation routes, SIP domains, and Sites in the answer area.

Hot Area:
Correct Answer:

Answer Area

Edge Servers:
0 1 2 3 4

Federation routes:
0 1 2 3 4

SIP Domains:
0 1 2 3 4

Sites:
0 1 2 3 4

Explanation/Reference:
Explanation:
Question 5
Which four actions should you identify?
You have a Lync Server 2013 infrastructure that contains two servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lync1.contoso.com</td>
<td>Front End Server</td>
</tr>
<tr>
<td>Lync2.contoso.com</td>
<td>Mediation Server</td>
</tr>
</tbody>
</table>

You deploy a new server named lync3.contoso.com.
You plan to install the Edge Server role on Lync3.
You need to identify which tasks must be performed to install the Edge Server role on Lync3.
Which four actions should you identify?
To answer, move the four appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Correct Answer:
Explanation/Reference:
Note:
You install Lync Server 2013 on Edge Servers by using Lync Server Deployment Wizard. By running the Deployment Wizard on each Edge Server, you can complete most of the tasks required to set up the Edge Server. In order to deploy Lync Server 2013 on an Edge Server, you must have already run Topology Builder (see note 2 below) to define and publish your Edge Server topology, and exported it to media that is available from the Edge Server. To install an Edge Server
1. Log on to the computer on which you want to install your Edge Server as a member of the local Administrators group or an account with equivalent user rights and permissions.
2. Ensure that the topology configuration file you created using Topology Builder, and then exported and copied to external media, is available on the Edge Server (for example, access to the USB drive onto which you copied the topology configuration file, or verify access to the network share where you copied the file).
4. In the Deployment Wizard, click Install or Update Lync Server System.
5. After the wizard determines the deployment state, for Step 1. Install Local Configuration Store, click Run and then do the following:
   * In the Configure Local Replica of Central Management Store dialog box, click Import from a file (Recommended for Edge Servers), go to the location of the exported topology configuration file, select the .zip file, click Open, and then click Next.
   * The Deployment Wizard reads the configuration information from the configuration file and writes the XML configuration file to the local computer.
   * After the Executing Commands process is finished, click Finish.

Note 2: To define the topology for a single Edge Server
1. Start Topology Builder: Click Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Topology Builder.
2. In the console tree, expand the site in which you want to deploy an Edge Server.
3. Right-click Edge pools, and then click New Edge Pool.
4. In Define the New Edge Pool, click Next.
5. In Define the Edge pool FQDN, Note 3: Export-CsConfiguration

Exports your Lync Server topology, policies, and configuration settings to a file. Among other things, this file can then be used to restore this information to the Central Management store after an upgrade, a hardware failure, or some other issue has resulted in data loss. This cmdlet was introduced in Lync Server 2010.
Reference: Install Edge Servers; Define Your Edge Topology; Export-CsConfiguration

Question 6
What should you run?
Your network contains an Active Directory domain named contoso.com. The domain contains a Lync Server 2013 infrastructure that has the Persistent Chat feature configured.
Persistent Chat is hosted by a Front End pool named pcpool.
You need to configure a chat room named Announcements to meet the following requirements:
Only a user named [email protected] can post messages to Announcements.
Users from a group named group1 can view the messages in Announcements.
What should you run? (To answer, configure the appropriate parameters for the PowerShell command in the answer area.)
Where should you deploy the Persistent Chat components?
You have a Lync Server 2013 infrastructure as shown in the exhibit. (Click the Exhibit button.)

The infrastructure contains an Enterprise Edition Front End pool.
You plan to deploy Persistent Chat.
You need to identify the placement of the components required for Persistent Chat. The solution must minimize the deployment of additional servers whenever possible.
Where should you deploy the Persistent Chat components?
(To answer, select the appropriate server to deploy each component in the answer area.)
Question 8
How should you configure the firewall rule?
Your network contains an internal network and a perimeter network.
You have a Lync Server 2013 infrastructure. The infrastructure contains four servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
<th>Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lync01</td>
<td>Front End Server</td>
<td>Internal</td>
</tr>
<tr>
<td>Lync02</td>
<td>Front End Server</td>
<td>Internal</td>
</tr>
<tr>
<td>Lync03</td>
<td>Edge Server</td>
<td>Perimeter</td>
</tr>
<tr>
<td>Lync04</td>
<td>Edge Server</td>
<td>Perimeter</td>
</tr>
</tbody>
</table>

You plan to implement end-to-end logging by using the Centralized Logging Service. You need to configure the firewall rule required for the Centralized Logging Service. How should you configure the firewall rule? (To answer, configure the appropriate options in the answer area.)
Hot Area:

- **Protocol:**
  - TCP
  - UDP

- **Port:**
  - 443
  - 5380 to 5389
  - 50001 to 50003

- **Direction:**
  - Inbound to the internal network
  - Outbound to the perimeter network
Question 9
How many servers should you identify?
You have a Lync Server 2013 infrastructure.
You plan to deploy Persistent Chat features to meet the following requirements:
Support up to 50,000 concurrent users.
Enable the Persistent Chat Server Compliance service.
Ensure that all of the features are automatically available if a single server fails.
You need to identify the minimum number of Front End Servers and Microsoft SQL Server Back End Servers that are required for the planned deployment.
How many servers should you identify?
(To answer, select the appropriate number of servers for each component in the answer area.)
Hot Area:

Correct Answer:
Question 10
Which A record entries should you identify?
You plan to deploy a Lync Server 2013 infrastructure that will contain the components shown in the following table.

<table>
<thead>
<tr>
<th>Component name</th>
<th>Description</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Enterprise Edition Front End Server</td>
<td>10.0.0.1</td>
</tr>
<tr>
<td>Server2</td>
<td>Enterprise Edition Front End Server</td>
<td>10.0.0.2</td>
</tr>
<tr>
<td>HLB VIP</td>
<td>Virtual IP address of a hardware load balancer</td>
<td>10.0.0.10</td>
</tr>
</tbody>
</table>

The fully qualified domain name (FQDN) of the Enterprise Edition pool will be Lyncpool01.contoso.com. Lync web services will be accessed at a URL of https://lyncweb01.contoso.com.

You plan to use DNS load balancing for the Enterprise Edition pool.
You need to identify which host (A) records must be created on the internal DNS servers to support the planned Lync Server 2013 deployment.
Which A record entries should you identify?
To answer, select the appropriate records in the answer area.

Correct Answer:
Before you can use DNS load balancing, you must do the following:
1. Override the internal Web Services pool FQDN.
2. Create DNS A host records to resolve the pool FQDN to the IP addresses of all the servers in the pool. Create records for all member Front End Servers that will participate in DNS Load Balancing.
3. Enable IP Address randomization or, for Windows Server DNS, enable round robin.

Question 11
Which monitoring report should you use from the Microsoft Lync Server 2013 Control Panel?
You have a Lync Server 2013 infrastructure. The infrastructure has monitoring reports and Call Admission Control (CAC) deployed.
A user named User1 reports poor audio quality during web conferences. You need to identify whether User1 uses the Siren codec for audio conferences.
Which monitoring report should you use from the Microsoft Lync Server 2013 Control Panel?
To answer, select the appropriate report in the answer area.

Correct Answer:
The User Activity Report provides a detailed list of the peer-to-peer and conferencing sessions carried out by your users in a given time period. Unlike many of the Monitoring Reports, the User Activity Report ties each call to individual users. For example, peer-to-peer sessions specify the SIP URIs of the person who initiated the call (the From user) and the person who was being called (the To user). If you expand the information for a conference, you’ll see a list of all the conference participants and the role they held for that conference.

The User Activity Report is sometimes referred to as the “help desk” report. That’s because the report is often used by help desk personnel to retrieve session information for a specific user.

You can filter for calls made to or made by an individual user simply by typing the user’s SIP URI in the User URI prefix box.

Question 12
Which three actions should you perform?
Your network contains a Lync Server 2013 infrastructure and a Microsoft Exchange Server 2013 organization. You have three distribution groups. The groups are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Group name</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:Team1@contoso.com">Team1@contoso.com</a></td>
<td>Users who work on Team1</td>
</tr>
<tr>
<td><a href="mailto:Team2@contoso.com">Team2@contoso.com</a></td>
<td>Users who work on Team2</td>
</tr>
<tr>
<td><a href="mailto:AllTeams@contoso.com">AllTeams@contoso.com</a></td>
<td>All users from Team1 and Team2</td>
</tr>
</tbody>
</table>

You need to ensure that all of the users on Team1 and Team2 can answer calls that are in the same queue. The users must be able to choose when they want to participate in the queue.

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:

Correct Answer:
Explaination/Reference:
Explanation:
Box 1: Create a new informal response group.
Box 2: Create a new response group queue
Box 3: Create a new workflow
Note:
- The Response Group application in Lync Server 2010 provides for treatment, queuing, and routing of inbound calls.
- Formal agents are considered active when they manually sign in to the Response Group application web sign in page. Informal agents are considered active when they login to the Lync client, because they are automatically signed in to their Response Groups when they login.
- A workflow defines the behavior of a call from the time that the phone rings to the time that someone answers the call. The workflow specifies the queue to use for holding the call, and specifies the routing method to use for hunt groups or the questions and answers to use for interactive response groups. A workflow also defines settings such as a welcome message, music on hold, business hours, and holidays.
You use the Response Group Configuration Tool to create workflows. You can access the Response Group Configuration Tool from the Response Group page of Lync Server Control Panel.
Reference: Create Response Group Workflows

Question 13
Which archiving settings should you identify?
You have a Lync Server 2013 infrastructure that contains four Front End pools. The pools are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Pool name</th>
<th>Location</th>
<th>Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pool1</td>
<td>Site1</td>
<td>Users in the sales department</td>
</tr>
<tr>
<td>Pool2</td>
<td>Site2</td>
<td>Users in the research department</td>
</tr>
<tr>
<td>Pool3</td>
<td>Site3</td>
<td>Users in the marketing department</td>
</tr>
<tr>
<td>Pool4</td>
<td>Site4</td>
<td>Users in the sales department</td>
</tr>
</tbody>
</table>

You configure three archiving policies as shown in the following table.

<table>
<thead>
<tr>
<th>Policy name</th>
<th>Archive setting</th>
<th>Applies to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy1</td>
<td>Archive internal instant messaging (IM)</td>
<td>Sales users</td>
</tr>
<tr>
<td>Policy2</td>
<td>Archive external instant messaging (IM)</td>
<td>Site2</td>
</tr>
<tr>
<td>Policy3</td>
<td>Archive external and internal IM instant messaging (IM)</td>
<td>Site2</td>
</tr>
</tbody>
</table>

You need to identify which archiving setting will apply each group of users.
Which archiving settings should you identify?
Select and Place:

Correct Answer:
Explanation/Reference:

Box 1: Archive internal IM only
Policy 1 (user policy) overrides site policy.

Box 2: Archive internal IM only
Policy 1 (user policy) overrides site policy.

Box 3: Archive external and internal IM
Site policy applies.

Box 4: Archive external IM only
Site policy applies.

Note:
* A user-level Archiving policy overrides the global policy and any site policies, but only for the users and user groups to whom the policy is applied. For example, if you disable Archiving for internal and external communications in your global policy, create a site-level policy in which you enable Archiving for internal and external communications, and then create a user-level policy in which you disable Archiving for external communications, the communications would be archived for both external and internal communications for all site users except that, for the users to whom you apply the user-level policy, only internal communications would be archived.

* If a user has been enabled for Lync Server 2013 and you have created one or more user policies for archiving for users homed on Lync Server 2013, you can implement archiving support for specific users by applying the appropriate policies to those users or user groups.

* The following Archiving policies:
  A global policy that is created by default when you deploy Lync Server 2013.
  Optional site-level and user-level policies that you can create and use to specify how archiving is implemented for specific sites or users.

Reference: How Archiving Works

Question 14
Which three actions should you perform next?
You have a Lync Server 2013 infrastructure that contains one Standard Edition Front End Server named Lync1. You use an account named Admin1 to sign in to Lync 2013. You need to modify the Line URI of some users. The solution must ensure that updated Line URI information is available in your address book as quickly as possible. You sign out of Lync 2013. Which three actions should you perform next? 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:

Correct Answer:
Explanation/Reference:
Note:
* Set-CsUser
  Modifies Lync Server properties for an existing user account. Properties can be modified only for accounts that have been enabled for use with Lync Server.
* Update-CsAddressBook for Address Book Management
  Forces the specified Address Book servers to synchronize their contents with the User database.
* Update-CsUserDatabase
  Forces the back-end user database to clear its replication status with Active Directory. This causes the database to re-read all the user-related information stored in Active Directory Domain Services (AD DS).
* Sync-CsUserData
  Synchronizes user data between a pair of Microsoft Lync Server 2013 pools.

**Question 15**
Which cmdlets should you identify?

You have a Lync Server 2013 infrastructure.

You need to identify which cmdlets must be used to troubleshoot issues related to the following:

- Client sign in Communication when using IM Conferencing
- Connectivity when using instant messaging (IM) on mobile clients

Which cmdlets should you identify?

To answer, drag the appropriate cmdlets to the correct location in the answer area. Each cmdlet 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.

Select and Place:

Correct Answer:
**Question 16**

Which components should you install on the thin clients and the VDI templates?

You have a Lync Server 2013 infrastructure. You have a Virtual Desktop Infrastructure (VDI) that uses Hyper-V. You use VDI templates based on Windows 7 Service Pack 1 (SP1). All thin clients run Windows 7 SP1. Each thin client has a Lync-certified headset. You need to prepare all of the thin clients and all of the VDI templates so that users can place calls by using the headset.

Which components should you install on the thin clients and the VDI templates?

To answer, drag the appropriate components to the correct location in the answer area. Each component 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.

Select and Place:

**Correct Answer:**

- Windows 8 RDS client
- Windows 7 synthetic driver

**Explanation/Reference:**

**Explanation:**

Box 1: Windows 8 RDS client
Box 2: Windows 7 synthetic driver
Box 3: Microsoft Lync 2013 VDI plug-in

**Note:**

* If the local computer is running Windows 7 with SP1, install the latest Windows 8 version of the Remote Desktop Services client.
Microsoft Lync VDI 2013 plug-in enables you to experience local like audio and video in peer-to-peer calls and conference calls when using Microsoft Lync 2013 in a Virtual Desktop Infrastructure (VDI) Environment.

On Hyper-V network adapter differences:
Windows Server 2008 and the R2 release already include support for the Network Adapter. The synthetic driver that supports the more modern and virtualization-friendly Network Adapter is orders of magnitude more efficient than the legacy network adapter option.

The Lync 2013 client now supports audio and video in a Virtual Desktop Infrastructure (VDI) environment. A user can connect an audio or video device (for example, a headset or a camera) to the local computer (for example, a thin client or repurposed computer). The user can connect to the virtual machine, sign in to the Lync 2013 client that is running on the virtual machine, and participate in real-time audio and video communication as though the client is running locally.

Reference: Lync VDI Plug-in Prerequisites

Question 17
Which DNS records should you configure?

You plan to deploy a Lync Server 2013 Edge Server infrastructure. The Edge Server deployment will be configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>FQDN</th>
<th>Component</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>sip.contoso.com</td>
<td>Access Edge service</td>
<td>131.107.1.1</td>
</tr>
<tr>
<td>Server1</td>
<td>wc.contoso.com</td>
<td>Web Conferencing Edge service</td>
<td>131.107.1.2</td>
</tr>
<tr>
<td>Server1</td>
<td>av.contoso.com</td>
<td>A/V Edge service</td>
<td>131.107.1.3</td>
</tr>
</tbody>
</table>

You need to configure the DNS records for Server1 to support the following features:
- Automatic client sign-in
- Discovery of federated partners

Which DNS records should you configure?

To answer, configure the correct service, protocol, and host for each SRV record in the answer area.

Answer Area

<table>
<thead>
<tr>
<th>Service</th>
<th>Domain</th>
<th>Protocol</th>
<th>Port</th>
<th>Host</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>contoso.com</td>
<td>_sip._tcp</td>
<td>5061</td>
<td></td>
</tr>
<tr>
<td></td>
<td>contoso.com</td>
<td>_tls._tcp</td>
<td>5061</td>
<td></td>
</tr>
<tr>
<td></td>
<td>contoso.com</td>
<td>_srv._tcp</td>
<td>443</td>
<td></td>
</tr>
</tbody>
</table>

Hot Area:

<table>
<thead>
<tr>
<th>Service</th>
<th>Domain</th>
<th>Protocol</th>
<th>Port</th>
<th>Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>av.contoso.com</td>
</tr>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>wc.contoso.com</td>
</tr>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>sip.contoso.com</td>
</tr>
</tbody>
</table>

Correct Answer:

<table>
<thead>
<tr>
<th>Service</th>
<th>Domain</th>
<th>Protocol</th>
<th>Port</th>
<th>Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>av.contoso.com</td>
</tr>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>wc.contoso.com</td>
</tr>
<tr>
<td>sip</td>
<td>contoso.com</td>
<td>_tcp</td>
<td>5061</td>
<td>sip.contoso.com</td>
</tr>
</tbody>
</table>

Explanation/Reference:
Explanation:
**Question 18**

How many servers should you identify for each site?

You plan to deploy Lync Server 2013. The deployment will have two sites named Sitel and Site2. Sitel will contain the following components:

- One Persistent Chat Server pool that has compliance enabled
- Two Enterprise Edition Front End pools
- One Edge pool

Site2 will contain the following components:

- One Enterprise Edition Front End pool
- One Standard Edition Front End pool
- One Edge pool

You need to identify the minimum number of SQL Server servers that must be deployed to each site to support the planned Lync Server 2013 deployment.

How many servers should you identify for each site?

To answer, configure the appropriate number of SQL Server servers for each site in the answer area.

**Correct Answer:**

<table>
<thead>
<tr>
<th>Service</th>
<th>Domain</th>
<th>Protocol</th>
<th>Port</th>
<th>Host</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Contoso.com</td>
<td>TLS</td>
<td>5061</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Contoso.com</td>
<td>TCP</td>
<td>443</td>
<td></td>
</tr>
</tbody>
</table>

Note:
* the Edge generally only listens on port 5061 if you have Federation enabled
* Port, protocol and firewall requirements for federation with Microsoft Lync Server 2013, Lync Server 2010 and Office Communications Server are similar to those for the deployed Edge Server. Clients initiate communication with the Access Edge service over TLS/SIP/TCP 443. Federated partners however, will initiate communications to the Access Edge service over MTLS/SIP/TCP 5061.

Reference: Port Summary - Lync Server and Office Communications Server Federation
Question 19
What should you use?
Your company has several offices. The offices are located in one office building. The building is located in Seattle. The company has employees from Europe and North America.
The company has a phone at a security desk.
You implement Lync Server 2013 Enterprise Voice.
You need to implement call routing for emergency calls.
The solution must meet the following requirements:
If a user dials 112, the call must be routed to a phone extension of 0911.
If a user dials 0911, the call must be routed to the phone at the security desk.
The phone at the security desk must be used to forward calls to the emergency number in the Seattle offices only.
What should you use?
To answer drag the appropriate technology to the correct requirement in the answer area. Each technology 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.
Select and Place:
Correct Answer:

**Explanation/Reference:**

**Explanation:**

* Normalization rules define how phone numbers expressed in various formats are to be routed for the named location. The same number string may be interpreted and translated differently, depending on the locale from which it is dialed. Normalization rules are necessary for call routing because users can, and do, use various formats when entering phone numbers in their Contacts lists.

Normalizing user-supplied phone numbers provides a consistent format that facilitates the following tasks:

* You can enable or disable the following call features for each voice policy:
  
  / Call forwarding enables users to forward calls to other phones and client devices. Enabled by default.

**Reference:**

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**Question 20**

Which four actions should you perform next?

You have a Microsoft Office Communications Server 2007 R2 infrastructure that contains two servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Standard Edition server</td>
</tr>
<tr>
<td>Server2</td>
<td>Edge server</td>
</tr>
</tbody>
</table>

You plan to deploy Lync Server 2013.

You need to implement a pilot deployment of Lync Server 2013 for internal users.

You install a new server named Server3.

Which four actions should you perform next?

To answer, move the four appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:
Correct Answer:

Explanation/Reference:
Note:
* You use the Topology Builder Merge wizard to merge topology information. This tool collects information about your Office Communications Server 2007 R2 environment, including Edge Server information, and publishes that information to a database shared with Lync Server 2013. After you publish the merged topology, Topology Builder is used to view the Office Communications Server 2007 R2 topology information and information about the newly deployed Lync Server 2013 topology.
Reference: Migration from Office Communications Server 2007 R2 to Lync Server 2013

Question 21
Which Lync Server 2013 server role should you recommend deploying to each server?
You have a Lync Server 2013 infrastructure that contains two servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Front End Server</td>
</tr>
<tr>
<td>Server2</td>
<td>Microsoft SQL Server</td>
</tr>
</tbody>
</table>

You deploy two new servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server3</td>
<td>Internal network</td>
</tr>
<tr>
<td>Server4</td>
<td>Perimeter network</td>
</tr>
</tbody>
</table>

You need to recommend changes to the infrastructure to meet the following requirements:
Ensure that remote users can connect to the network by using Microsoft Lync 2013.
Ensure that Server3 authenticates the remote users before the users connect to a Front End Server.
Which Lync Server 2013 server role should you recommend deploying to each server?
To answer, drag the appropriate server role to the correct server in the answer area. Each server 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.
Select and Place:
Correct Answer:

**Server Roles**

- Director
- Edge Server
- Front End Server
- Mediation Server

**Explanation/Reference:**

Note:

* Edge Server enables your users to communicate and collaborate with users outside the organization’s firewalls. These external users can include the organization’s own users who are currently working offsite, users from federated partner organizations, and outside users who have been invited to join conferences hosted on your Lync Server deployment.

* A Director is a server running Lync Server 2013 that authenticates user requests, but does not home any user accounts. You optionally can deploy a Director in the following two scenarios:
  - If you enable access by external users by deploying Edge Servers, you should also deploy a Director. In this scenario, the Director authenticates the external users, and then passes their traffic on to internal servers. When a Director is used to authenticate external users, it relieves Front End pool servers from the overhead of performing authentication of these users. It also helps insulate internal Front End pools from malicious traffic such as denial-of-service attacks. If the network is flooded with invalid external traffic in such an attack, this traffic ends at the Director.
  - If you deploy multiple Front End pools at a central site, by adding a Director to that site you can streamline authentication requests and improve performance. In this scenario, all requests go first to the Director, which then routes them to the correct Front End pool.

Reference: Overview of the Director

**Question 22**

Which cmdlets should you run?

You have a Lync Server 2013 infrastructure. You need to configure Lync Server 2013 to meet the following conferencing requirements:

- Ensure that a legal disclaimer is added to all meeting invitations.
- Ensure that only Microsoft Lync 2013 clients can be used to join conferences.
- Ensure that meeting organizers manually admit remote meeting attendees who are users in your company.

Which cmdlets should you run?

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

Select and Place:

**Correct Answer:**
Explanation/Reference:

Explanation:

Box 1: Set-CsMeetingConfiguration
Box 2: Set-CsClientVersionPolicy
Box 3: Set-CsExternalAccessPolicy

Note:

* Set-CsMeetingConfiguration enables you to modify the meeting configuration settings currently in use in your organization. Meeting configuration settings help dictate the type of meetings (also called conferences) that users can create, and also control how (or even if) anonymous users and dial-in conferencing users can join these meetings. Note that these settings only affect scheduled meetings; they do not affect ad-hoc meetings created by clicking the Meet Now option in Microsoft Lync.

* Set-CsClientVersionPolicy

Modifies an existing client version policy. Client version policies enable you to specify which clients (such as Microsoft Office Communicator 2007 R2) will be allowed to log on to your Lync Server system.

* Set-CsExternalAccessPolicy

Enables you to modify the properties of an existing external access policy. External access policies determine whether or not your users can: 1) communicate with users who have Session Initiation Protocol (SIP) accounts with a federated organization; 2) communicate with users who have SIP accounts with a public instant messaging (IM) provider such as MSN; and, 3) access Lync Server over the Internet, without having to log on to your internal network.

* Incorrect: Set-CsConferencingPolicy

Modifies an existing conferencing policy. Conferencing policies determine the features and capabilities that can be used in a conference; this includes everything from whether or not the conference can include IP audio and video to the maximum number of people who can attend a meeting.

* Incorrect: Set-CsConferencingConfiguration

Modifies an existing collection of conferencing configuration settings. Conference settings determine such things as the maximum allowed size for meeting content and handouts; the content grace period (that is, the amount of time content will be stored before being deleted); and the URLs for the internal and external downloads of the supported client.

Question 23

Which four actions should you perform?

Your network contains the servers that are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name (fqdn)</th>
<th>Pool name (fqdn)</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server2.contoso.com</td>
<td>Lyncpool.contoso.com</td>
<td>Lync Server 2013 Front End Server</td>
</tr>
<tr>
<td>Server3.contoso.com</td>
<td>Lyncpool.contoso.com</td>
<td>Lync Server 2013 Edge Server</td>
</tr>
<tr>
<td>Server4.contoso.com</td>
<td>Lyncpool.contoso.com</td>
<td>Lync Server 2013 Standalone Server</td>
</tr>
</tbody>
</table>

You move all users to Lync Server 2013. You need to decommission Office Communications Server 2007 R2.

Which four actions should you perform?

To answer, move the four appropriate actions from the list of actions in the answer area and arrange them in the correct order.

Select and Place:
Correct Answer:

**Explanation/Reference:**

**Explanation:**

On Server1, move the conference directories.

On Server1, deactivate all of the Office Communications Server 2007 R2 components.

On Server1, uninstall the Office Communications Server 2007 R2 components.

On Server2, remove the BackCompatSite.

**Note:**

* Decommission Legacy Site, main steps:
  - Move Conference Directories
  - Update DNS SRV Records
  - Decommissioning Servers and Pools
  - Remove BackCompatSite

* Move Conference Directories
  - Before decommissioning a pool, you need to perform the following procedure for each conference directory in your Office Communications Server 2007 R2 pool.
  - Move the conference directory to Lync Server 2013
    * After all pools are deactivated and all Edge Servers have been uninstalled, run the Topology Builder Merge wizard to remove the BackCompatSite.
    * Before decommissioning a Standard Edition server or a server in an Enterprise pool, do the following:
      - Provide users with sufficient notice to ensure that they can plan for the down time.
      - Deactivate the server roles on the weekend or holiday, or during other off-peak hours.
  - Reference: Decommission Legacy Site

**Question 24**

Which tool should you recommend?

You have a Lync Server 2013 infrastructure.

You need to recommend which tools must be used to gather information to troubleshoot issues related to the following:

- Routing calls between internal users
- Routing outbound calls handled by Lync Server 2013

Which tool should you recommend?

To answer, drag the appropriate tool to the correct location in the answer area. Each tool 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.

Select and Place:

Correct Answer:

Explanation/Reference:
Explanation:
Box 1: ClsController
Box 2: ClsController
Note:
* Microsoft Lync Server 2013 Debugging Tools is a collection of additional tools for use by IT Admins to aid in troubleshooting Lync Server 2013 deployments. The collection of tools include:
  Snooper
  OCSLogger
  OCSTracer
  ClsController.psm
* The Lync Server Centralized Logging Service Agent service (also known as ClsAgent) is running on all Lync 2013 servers in the deployment. The purpose of the agent is to respond to requests to enable/disable logging and to respond to search requests.
* Incorrect: Snooper is for network packet troubleshooting.
* Incorrect: OCSLogger: The older tool.

Reference: Overview of the Centralized Logging Service

Overview of the Centralized Logging Service
The Centralized Logging Service is designed to provide a means for controlled collection of data—with a broad or narrow scope. You can collect data from all servers in the deployment concurrently, define specific elements to trace, set trace flags and return search results from a single computer or an aggregation of all data from all servers. The Centralized Logging Service runs on all servers in your deployment. The architecture of the Centralized Logging Service is comprised of the following agents and services:

Question 25
Which components should you recommend?
You have a Lync Server 2013 infrastructure.
You plan to provide remote users with the ability to establish the following:
  Peer-to-peer calls between themselves and users on the internal network
  Chat sessions from mobile devices
You need to recommend which components must be configured to provide the required access to the remote users.
Which components should you recommend?
To answer, drag the appropriate component to the correct requirement in the answer area. Each component 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.

Select and Place:

Correct Answer:
Explanation/Reference:
Box 1: the Access Edge service
Box 2: the A/V Edge Service
Box 3: a reverse proxy

Note:
* The Edge Servers send and receive network traffic for the services offered by internal deployment by external users. The Edge Server runs the following services:
  /Access Edge service The Access Edge service provides a single, trusted connection point for both outbound and inbound Session Initiation Protocol (SIP) traffic.
  /Web Conferencing Edge service The Web Conferencing Edge service enables external users to join meetings that are hosted on your internal Lync Server 2013 deployment.
  /A/V Edge service The A/V Edge service makes audio, video, application sharing, and file transfer available to external users. Your users can add audio and video to meetings that include external participants, and they can communicate using audio and/or video directly with an external user in point-to-point sessions. The A/V Edge service also provides support for desktop sharing and file transfer. Authorized external users can access the Edge Servers in order to connect to your internal Lync Server 2013 deployment, but the Edge Servers do not provide a means for any other access to the internal network.
* the A/V Edge servers are able to accept connections for peer-to-peer calls and conference calls.
* The Reverse Proxy server is an optional, external component that is not a Lync Server role and is not defined in the Lync Topology. The reason this component is considered optional is because without it deployed an external Lync client can still connect to Lync and most features will function (IM, Presence, Calls, Desktop Sharing, etc) as will federated communications.
  The reverse proxy is required for the following:
  • To allow users to connect to meetings or dial-in conferences using simple URLs
  • To enable external users to download meeting content
  • To enable external users to expand distribution groups
  • To allow the user to obtain a user-based certificate for client certificate based authentication
  • To enable remote users to download files from the Address Book Server or to submit queries to the Address Book Web Query service
  • To enable remote users to obtain updates to client and device software
  • To enable mobile devices to automatically discover Front End Servers offering mobility services
  • To enable push notifications to mobile devices from the Office 365 or Apple push notification services

Question 26
Which ports should you identify?
You deploy a Lync Server 2013 infrastructure that contains an Edge Server named Server1. Server1 is configured as shown in the following table.

<table>
<thead>
<tr>
<th>FQDN</th>
<th>Component</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sip.contoso.com</td>
<td>Access Edge service</td>
<td>131.107.1.1</td>
</tr>
<tr>
<td>Wc.contoso.com</td>
<td>Web Conferencing Edge service</td>
<td>131.107.1.2</td>
</tr>
<tr>
<td>Av.contoso.com</td>
<td>A/V Edge Service</td>
<td>131.107.1.3</td>
</tr>
</tbody>
</table>

You plan to configure federation with your company’s external partners. You need to identify which ports must be allowed on the firewall to provide the instant messaging (IM), presence, and web conferencing features. Which ports should you identify?
To answer, drag the appropriate ports to the correct location in the answer area. Each port 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.
Select and Place:
Correct Answer:

<table>
<thead>
<tr>
<th>Ports</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>Destination</td>
</tr>
<tr>
<td>443</td>
<td>443 5061</td>
</tr>
<tr>
<td>444</td>
<td></td>
</tr>
<tr>
<td>3478</td>
<td></td>
</tr>
<tr>
<td>5060</td>
<td></td>
</tr>
<tr>
<td>5061</td>
<td></td>
</tr>
</tbody>
</table>

Explanation/Reference:

Explanation:

<table>
<thead>
<tr>
<th>Port</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>443</td>
<td>Sip.contoso.com: Box 1: 443 Box 2: 3478</td>
</tr>
<tr>
<td>5061</td>
<td>Wc.contoso.com: Box 3: 443</td>
</tr>
</tbody>
</table>

Note:

* The UDP 3478 and TCP 443 ports are used by clients to request service from the AV Edge service.
* 3478 outbound is used to determine the version of Edge Server that Lync Server is communicating with and also for media traffic from Edge Server to Edge Server. Required for federation with Lync Server, Windows Live Messenger, and Office Communications Server, and also if multiple Edge pools are deployed within a company.

Question 27

Which command should you run?

You have a Lync Server 2013 infrastructure that contains seven servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Pool name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Pool01.contoso.com</td>
<td>Front End Server</td>
</tr>
<tr>
<td>Server2</td>
<td>Pool01.contoso.com</td>
<td>Front End Server</td>
</tr>
<tr>
<td>Server3</td>
<td>Pool02.contoso.com</td>
<td>Front End Server</td>
</tr>
<tr>
<td>Server4</td>
<td>Pool02.contoso.com</td>
<td>Front End Server</td>
</tr>
<tr>
<td>SQL1</td>
<td>Pool01.contoso.com</td>
<td>Microsoft SQL Server</td>
</tr>
<tr>
<td>SQL2</td>
<td>Pool02.contoso.com</td>
<td>Microsoft SQL Server</td>
</tr>
<tr>
<td>SQL3</td>
<td>Pool01.contoso.com</td>
<td>Microsoft SQL Server</td>
</tr>
</tbody>
</table>

You configure pool pairing and SQL Server database mirroring.

SQL1 fails.

You discover that an automatic failover fails to occur.

You need to force a failover of the database.

Which command should you run?

A. `invoke-csdatabasefailover -poolfqdn pool01.contoso.com -databasetype user -newprincipal primary`
B. `Invoke-csdatabasefailover -poolfqdn pool02.contoso.com -databasetype user -newprincipal mirror`
C. `Invoke-csdatabasefailover -poolfqdn pool02.contoso.com -databasetype user -newprincipal primary`
D. `Invoke-csdatabasefailover -poolfqdn pool01.contoso.com -databasetype user -newprincipal mirror`

Correct Answer: D

Explanation/Reference:


Question 28

What should you modify?

You have a Lync Server 2013 infrastructure. The infrastructure contains two sites. The sites are located in New York and Rome. Each site has Enterprise Voice deployed and contains separate dial plans and voice policies.

You plan to deploy dial-in conferencing to both sites.

In each site, you create a dedicated conferencing policy. You assign the conferencing policies to the respective users in each site.

You create a dial-in conferencing access number.

When you attempt to assign a region to the number, you discover that the regions are unavailable.

You need to ensure that you can add a region to the dial-in conferencing access number.

What should you modify?
A. The conferencing policies
B. The meeting configuration settings
C. The voice policies
D. The dial plans

Correct Answer: D
Explanation/Reference:

**Question 29**
Which DNS records should you create?
You plan to deploy a Lync Server 2013 infrastructure.
The planned infrastructure will contain client computers that run Windows 8 and the Lync Windows Store app.
You need to ensure that the computers can use the automatic client sign-in feature for the Lync Windows Store app.
Which DNS records should you create?
A. sipinternal.contoso.com and sipexternal.contoso.com
B. sip.contoso.com and sipinternal.contoso.com
C. lyncdiscover.contoso.com and lyncdiscoverinternal.contoso.com
D. _sipinternaltls._tcp.contoso.com and _sip._tls.contoso.com

Correct Answer: C
Explanation/Reference:

**Question 30**
Which three commands should you run?
You have a Lync Server 2013 infrastructure. The infrastructure contains two servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Pool name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>LyncFE01</td>
<td>LyncFE01.contoso.com</td>
<td>Standard Front End Server</td>
</tr>
<tr>
<td>LyncFE02</td>
<td>LyncFE02.contoso.com</td>
<td>Standard Front End Server</td>
</tr>
</tbody>
</table>

Pool pairing is configured between lyncfe01 and lyncfe02. Currently, the Central Management store is hosted on lyncfe01.
A hardware failure occurs on lyncfe01.
You manually perform a failover of all the user services and the Central Management store to LyncFE02.
You resolve the hardware issue on LyncFE01.
You need to restore all of the user services and the Central Management store to LyncFE01.
Which three commands should you run? (Each correct answer presents part of the solution. Choose three.)
A. Invoke-CsPoolFailback -PoolFQDN lyncfe01.contoso.com
B. Invoke-CsManagementServerFailover -BackupSqIServerFQDN lyncfe01.contoso.com BackupSqlInstanceName RTC -Force
C. Install-CSDatabase -CentralManagementDatabase -SqlServerFqdn lyncfe01.contoso.com -SqlInstanceName RTC -Clean
D. Invoke-CsPoolFailback -PoolFQDN lyncfe01.contoso.com
E. Move-CsManagementServer

Correct Answer: CDE
Explanation/Reference:

* Install CSDatabase
Install CSDatabase.
* Lync Server makes extensive use of SQL Server databases, ranging from the Central Management store to the Archiving database. As a general rule, these databases are set up at the same time you install Lync Server or at the same time you install a Lync Server role (such as Monitoring Server) that requires a database back end. After installation has taken place these databases typically will not need to be reinstalled or moved to new locations. On rare occasions, however, you might need to manually install a Lync Server database; this could be because you need to move a database to another server, or because a setup-related problem failed to install the database for you. The Install-CsDatabase cmdlet provides a way for you to install any of the SQL Server databases used by Lync Server.

* Invoke-CsPoolFailback
Invokes the failback process for a Lync Server 2013 pool. Failback is used after a pool has failed over and the users of that pool have been “failed over” to a backup pool. (That simply means users who were signed on to the failed pool are automatically signed on to the backup pool.) When the failed pool has been restored, the failback process signs the failed-over users back to their original pool.

* Move-CsManagementServer
Move the Central Management Server from one pool to another.
Reference: To use Windows PowerShell cmdlets to configure the SQL Server Central Management store

**Question 31**
Which cmdlet should you run?
You have a Lync Server 2013 infrastructure.
You deploy mobility features.
You need to ensure that mobile clients can establish IP video calls only when they connect to a wireless access point (WAP).
Which cmdlet should you run?
A. Set-CsConferencingPolicy
B. Set-CsLocationPolicy
C. Set-CsNetworkBandwidthPolicyProfile
D. Set-CsMobilityPolicy
E. Set-CsClientPolicy

Correct Answer: D
Explanation/Reference:
Mobility policies can also be used to require Wi-Fi connections when making or receiving calls.

Question 32
What should you do?
You have a Lync Server 2010 and Lync Server 2013 infrastructure. The infrastructure contains Front End pools. Currently, all users use the Lync Server 2010 Front End pool. An administrator migrates a user to the Lync Server 2013 Front End pool. After the migration, the user can no longer access the whiteboards, the attachments, the poll data, and the Microsoft PowerPoint presentations that were uploaded to the meeting before the migration. You need to ensure that the PowerPoint presentations, the whiteboards, the attachments, and the poll data are moved when users migrate from Lync Server 2010 to Lync Server 2013. What should you do?
A. Run the Move-CsUser cmdlet and specify the -ProxyPool parameter.
B. Run the Move-CsLegacyUser cmdlet before you migrate the users.
C. Run the Move-CsConferenceDirectory cmdlet before you migrate the users.
D. Run the Move-CsUser cmdlet and specify the -MoveConferenceData parameter.
Correct Answer: D
Explanation/Reference:

Question 33
Which operating systems should you identify?
You plan to deploy a Lync Server 2013 Edge Server. You need to identify which operating systems can be used to deploy the Edge Server. Which operating systems should you identify? (Each correct answer presents a complete solution. Choose all that apply.)
A. a full installation of Windows Server 2012 Standard
B. a full installation of Windows Server 2012 Datacenter
C. a Server Core installation of Windows Server 2008 R2 Service Pack 1 (SP1) Standard
D. a Server Core installation of Windows Server 2012 Enterprise
E. a full installation of Windows Server 2008 Service Pack 2 (SP2) Enterprise
F. a full installation of Windows Server 2008 R2 Service Pack 1 (SP1) Standard
Correct Answer: ABF
Explanation/Reference:

Question 34
What should you recommend?
You have a Lync Server 2013 infrastructure that contains three Enterprise Edition Front End pools named Pool1, Pool2, and Pool3. Pool1 and Pool2 are located in a data center in Montreal. Pool3 is located in a data center in Seattle. You need to recommend changes to the Lync Server 2013 infrastructure to ensure that all users can access Lync services if a data center fails. What should you recommend?
Correct Answer: B
Explanation/Reference:

Question 35
How many servers should you identify?
You have a Microsoft Office Communications Server 2007 R2 infrastructure that contains the following components:
One Edge Server
One XMPP Gateway
One Archiving Server
Two media gateways
One Monitoring Server
Two Mediation Servers
One Group Chat Server
One Standard Edition Front End Server
You plan to migrate the infrastructure to Lync Server 2013. You need to identify the minimum number of Lync Server 2013 servers required to maintain the functionality of the existing infrastructure. How many servers should you identify?
A. 1
B. 2
C. 3
D. 4
Correct Answer: B
Explanation/Reference:

Question 36
What should you instruct User1 to do?
You migrate a user named User1 from a Microsoft Office Communications Server 2007 R2 infrastructure to a Lync Server 2013 infrastructure. The Lync Server 2013 infrastructure has a Front End pool named pool01.contoso.com.
The next day, User1 reports that he cannot schedule a web conference by using Microsoft Outlook 2010. You need to ensure that User1 can schedule a web conference immediately.

What should you instruct User1 to do?
A. Open the URL of https://pool01.contoso.com/reach.
B. From Outlook 2010, use the Scheduling Assistant.
C. Open the URL of https://pool01.contoso.com/scheduler.
D. From Outlook 2010, modify the properties of the Conferencing Add-in.

Correct Answer: C
Explanation/Reference:

Question 37
What should you use?
Your company has offices in New York and Santiago. Each office has a server that has Lync Server 2013 Standard Edition deployed. Each office has a dedicated help desk. Each help desk maintains a web site that provides users with localized help and training resources. You need to ensure that when the users sign in to Microsoft Lync 2013, a link to the help desk in their respective office appears on the Help menu.

What should you use?
A. Location policies
B. Client policies
C. Client policy entries
D. Client version policies

Correct Answer: B
Explanation/Reference:

Question 38
What should you do?
You have a Lync Server 2013 infrastructure. You create a new common area phone. You need to configure the common area phone for hot desking. The solution must enable hot desking for the common area phone only.

What should you do?
A. Modify the global client policy.
B. Create a per-user voice policy and assign the policy to a Phone object.
C. Create a per-user client policy and assign the policy to a Phone object.
D. Modify the global voice policy.

Correct Answer: C
Explanation/Reference:

Question 39
What should you do?
You have a Lync Server 2010 infrastructure that contains an Edge Server named Edge1. Five hundred remote users connect to Edge1 from the Internet. Each user has a SIP address that uses a suffix of ©contoso.com.

You deploy an Edge Server named Edge2 that has Lync Server 2013 deployed. You create a host (A) record that points to edge2.contoso.com.

You need to ensure that 20 remote users connect to Edge2. All other remote users must continue to connect to Edge1.

What should you do?
A. Instruct the users to modify the sign-in address of the Microsoft Lync client.
B. Instruct the users to modify the Advanced Connection Settings of their Microsoft Lync client.
C. Create a service location (SRV) record that points to edge2.contoso.com.
D. Create an alias (CNAME) record that points to edge2.contoso.com.

Correct Answer: B
Explanation/Reference:
Question 40
Which three actions should you perform?
You have a Lync Server 2013 infrastructure. You plan to deploy an archiving solution.
Your company has a compliance policy that has the following requirements:
Instant messaging (IM) conversations between external users and the members of a group named Traders must be archived.
IM conversations between external users and the members of a group named HR must be archived.
The internal IM conversations of all other users must be archived.
You need to configure archiving policies to meet the compliance policy requirements.
Which three actions should you perform? (Each correct answer presents part of the solution.
Choose three.)
A. Configure the global archiving policy to archive internal and external IM conversations.
B. Create a site-level archiving policy that is configured to archive internal and external IM conversations.
C. Create a user-level archiving policy that is configured to archive external IM traffic. Assign the policy to the Traders group.
D. Create a user-level archiving policy that is configured to archive internal and external IM traffic. Assign the policy to the HR group.
E. Configure the global archiving policy to archive internal IM conversations.
Correct Answer: CDE
Explanation/Reference:

Question 41
What should you do?
Your network contains the servers shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
<th>FQDN</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCS1</td>
<td></td>
<td></td>
<td>192.168.1.10</td>
</tr>
<tr>
<td>Lync1</td>
<td></td>
<td></td>
<td>192.168.1.20</td>
</tr>
</tbody>
</table>

You move all users to Lync1 and remove OCS1 from the network.
A user named User1 reports that he cannot sign in to the Lync 2013 client. Before the migration, User1 signed in successfully. Other users can sign in to the Lync 2013 client.
You run nslookup.exe from the client computer of User1 and obtain the result shown in the following window.
You verify that the client computer of User1 trusts the certificate on lync1.contoso.com. You need to ensure that User1 can sign in to Lync 2013. What should you do?
A. Configure the Lync 2013 client to use automatic configuration.
B. Modify the client policy for User1.
C. Modify the hosts file on the client computer of User1.
D. Modify the service location (SRV) record.

Correct Answer: A
Explanation/Reference:

Question 42
Which cmdlet should you run?
You have a Lync Server 2013 infrastructure that is configured for audio/video conferencing and Enterprise Voice. Users report that they cannot connect to audio conferences from a branch office. The branch office is secured and has limited connectivity to other offices. The users can connect to audio conferences from other offices. You need to configure the port range used by Microsoft Lync 2013 clients for audio conferencing. Which cmdlet should you run?
A. Set-CsExternalAccessPolicy
B. Set-CsNetworkConfiguration
C. Set-CsConferencingConfiguration
D. Set-CsMediaConfiguration

Correct Answer: C

Question 43
What should you do?
You have a Lync Server 2013 infrastructure that contains four servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lync1.contoso.com</td>
<td>Standard Edition</td>
</tr>
<tr>
<td>Lync2.contoso.com</td>
<td>Standard Edition</td>
</tr>
<tr>
<td>Lync3.contoso.com</td>
<td>Edge Server</td>
</tr>
<tr>
<td>SQL1.contoso.com</td>
<td>Microsoft SQL Server</td>
</tr>
</tbody>
</table>

After a network failure, you restore Lync3. You need to force replication between the servers. What should you do?
A. On Lync1, run the Invoke-CsManagementStoreReplication cmdlet.
B. On Lync1, run the Invoke-CsBackupServiceSync cmdlet.
C. On Lync3, run the Invoke-CsManagementStoreReplication cmdlet.
D. On Lync3, run the Invoke-CsBackupServiceSync cmdlet.

Correct Answer: A

Question 44
Which cmdlet should you run first?
You have two servers named Lync1 and Lync2 that have Lync Server 2013 Standard Edition deployed. The servers are located in different buildings. Lync1 hosts response groups. You need to ensure that Lync2 can host the response groups if Lync1 fails. Which cmdlet should you run first?
A. Export-CsConfiguration
B. Export-CsRgsConfiguration
C. Backup-CsPool
D. Move-CsRgsConfiguration

Correct Answer: B
Export-CsRgsConfiguration
Detailed Description
The Export-CsRgsConfiguration cmdlet and the Import-CsRgsConfiguration cmdlet enable you to export data about your current implementation of the Response Group application (including such things as workflows, queues, agent groups, holiday sets and business hours, as well as audio files and service configuration settings) and then later import (or re-import) that information. This can be extremely useful in a disaster recovery scenario (for example, in a case where the server hosting the Response Group application has failed) or if you simply need to transfer the Response Group application to a different pool.

Note that the Export-CsRgsConfiguration cmdlet and the Import-CsRgsConfiguration cmdlet are designed to work only with Lync Server 2013. If you want to migrate Response Group data from Microsoft Lync Server 2010 to Lync Server 2013, you should use the Move-CsRgsConfiguration cmdlet instead.

Export-CsRgsConfiguration -Source "ApplicationServer:atl-rgs-001.litwareinc.com" -FileName "C:ExportsRgs.zip"

To return a list of all the role-based access control (RBAC) roles this cmdlet has been assigned to (including any custom RBAC roles you have created yourself), run the following command from the Windows PowerShell command-line interface prompt:

Get-CsAdminRole | Where-Object {$_.Cmdlets match "Export-CsRgsConfiguration"}

Lync Server Control Panel: The functions carried out by the Export-CsRgsConfiguration cmdlet are not available in the Lync Server Control Panel.

**Question 45**

What should you recommend?

Your company has a main office and a branch office. The main office has 3,000 users. The branch office has 100 users. The offices are connected via a WAN link.

You have a Lync Server 2013 infrastructure. The main office has a pool named Pool1 that contains two Enterprise Edition Front End Servers. The branch office only contains an Active Directory domain controller and a file server.

You need to recommend a high-availability solution to ensure that users can establish calls if one of the following components fails:

- A Front End Server
- A PSTN gateway
- A WAN router

The solution must minimize deployment and maintenance costs.

What should you recommend?


B. In the branch office, deploy an SBA named SBA1. Configure SBA1 to use Pool1 as a backup registrar. Configure two trunks in Pool1. Configure one trunk in SBA1.


Correct Answer: B

Explanation/Reference:

**Question 46**

Which server should you install the Persistent Chat Server role?

You deploy a Lync Server 2013 infrastructure that contains four servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server Name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lync1</td>
<td>Enterprise Edition Front End Server</td>
</tr>
<tr>
<td>Lync2</td>
<td>Standard Edition Front End Server</td>
</tr>
<tr>
<td>Lync3</td>
<td>Mediation Server</td>
</tr>
<tr>
<td>Lync4</td>
<td>Office Web Apps Server</td>
</tr>
</tbody>
</table>

You need to deploy a Persistent Chat pool. The solution must use the least amount of servers.

On which server should you install the Persistent Chat Server role?

A. Lync1  
B. Lync2  
C. Lync3  
D. Lync4  
E. A new server

Correct Answer: B

Explanation/Reference:

**Question 47**

What should you identify?

You have a Lync Server 2013 infrastructure that contains four servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server Name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lync1.contoso.com</td>
<td>Standard Edition</td>
</tr>
<tr>
<td>Lync2.contoso.com</td>
<td>Standard Edition</td>
</tr>
<tr>
<td>Lync3.contoso.com</td>
<td>Edge Server</td>
</tr>
<tr>
<td>Sql1.contoso.com</td>
<td>Microsoft SQL Server</td>
</tr>
<tr>
<td>Sql2.contoso.com</td>
<td>SQL Server Reporting Services (SSRS)</td>
</tr>
</tbody>
</table>

You run the Get-CsManagementStoreReplicationStatus cmdlet and discover the following replication issue:
From Telnet, you verify that you can connect to Lync3 over TCP ports 443, 4443, 5061, and 5062. You republish the topology successfully and you restart Lync3.

You need to identify what is causing the replication issue.

What should you identify?
A. A firewall issue
B. A failed service
C. A share permission issue
D. A certificate issue
E. A routing issue

Correct Answer: D

Explanation/Reference:
- Not Firewall issue as you can telnet to the ports
- Not a Failed Service as you can telnet to the ports
- Not a Share Permissions issue as replication is working with the other 2 servers.
- Not Routing Issue, routing is working as telnet is functional.

Question 48
Which client computer types should you identify?
You have a Lync Server 2010 infrastructure.
You plan to migrate to Lync Server 2013.
You have four client computers. The client computers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Client computer type</th>
<th>Operating system</th>
<th>Installed client</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Windows 7</td>
<td>Microsoft Office Communicator 2007</td>
</tr>
<tr>
<td>B</td>
<td>Windows XP</td>
<td>Microsoft Office Communicator 2007 R2</td>
</tr>
<tr>
<td>C</td>
<td>Windows 7</td>
<td>Microsoft Office Communicator 2007 R2</td>
</tr>
<tr>
<td>D</td>
<td>Windows XP</td>
<td>Microsoft Lync 2010</td>
</tr>
</tbody>
</table>

You need to identify which client computer types can use audio conferencing hosted on Lync Server 2013 without installing any additional software on the client computers.

Which client computer types should you identify? (Each correct answer presents part of the solution. Choose all that apply.)
A. A
B. B
C. C
D. D

Correct Answer: BCD

Explanation/Reference:

Question 49
What should you do?
You have a Lync Server 2013 infrastructure.
Your company has a sales department and a research department.
You deploy persistent chat.
You need to configure persistent chat to meet the following requirements:
Users in the sales department must be prevented from viewing the names of the rooms used by the research department.
Users in the research department must be able to discover all of the rooms used by their department.

What should you do?
A. · Create a user-level Persistent Chat Policy named Sales.
   · Apply the Sales policy to the sales and research users.
   · Create persistent chat rooms for each department and set the privacy to Secret.
B. · Create a category named ResearchRooms.
   · Add the sales users as Denied members to the ResearchRooms category.
   · Add the sales users as Denied members to the ResearchRooms category.
   · Create persistent chat rooms for each department and set the privacy to Closed.
C. · Create a category named ResearchRooms.
   · Add the sales users as Allowed members to the ResearchRooms category.
   · Add the sales users as Denied members to the ResearchRooms category.
   · Create persistent chat rooms for each department and set the privacy to Secret.
D. Create a user-level Persistent Chat Policy named Sales.
   - Apply the Sales policy to the sales and research users.
   - Create persistent chat rooms for each department and set the privacy to Open.

Correct Answer: C
Explanation/Reference:

Question 50
Which names should you include in the recommendation?
You plan to deploy Lync Server 2013.
Your company uses only certificates that are purchased from a third-party certification authority (CA).
The company uses the following domain names to generate email addresses for users:
Adatum.com
Contoso.com
Fabrikam.com
Wingtipstoy.com
You plan to configure simple URLs for the planned deployment.
You need to recommend which meeting URLs to use. The solution must minimize the cost of purchasing certificates.
Which names should you include in the recommendation?
A. https://meet.contoso.com
https://meet.contoso.com/adatum.com
https://meet.contoso.com/fabrikam.com
https://meet.contoso.com/wingtipstoy.com
B. https://meet.contoso.com/contoso.com
https://meet.contoso.com/*.com
C. https://meet.contoso.com
https://meet.adatum.com
https://meet.wingtipstoy.com
https://meet.fabrikam.com
D. https://meet.contoso.com/contoso.com
https://meet.contoso.com/adatum.com
https://meet.contoso.com/fabrikam.com
https://meet.contoso.com/wingtipstoy.com

Correct Answer: D
Explanation/Reference:

Question 51
Which servers should you identify?
You plan to deploy a Lync Server 2013 infrastructure.
You plan to use a Microsoft SQL Server database mirror that has a witness.
A database administrator gives you a list of five servers that you can use for the deployment. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>SQL Server version</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQL1</td>
<td>SQL Server 2008 Enterprise</td>
</tr>
<tr>
<td>SQL2</td>
<td>SQL Server 2008 R2 Standard</td>
</tr>
<tr>
<td>SQL3</td>
<td>SQL Server 2008 R2 Standard</td>
</tr>
<tr>
<td>SQL4</td>
<td>SQL Server 2008 Enterprise</td>
</tr>
<tr>
<td>SQL5</td>
<td>SQL Server 2008 R2 Enterprise</td>
</tr>
</tbody>
</table>

You need to identify which servers you must use for the SQL Server backend.
Which servers should you identify?
A. SQL2 and SQL3 for the mirror
   - SQL5 for the witness
B. SQL1 and SQL4 for the mirror
   - SQL5 for the witness
C. SQL2 and SQL3 for the mirror
   - SQL4 for the witness
D. SQL1 and SQL4 for the mirror
   - SQL2 for the witness

Correct Answer: A
Explanation/Reference:

Question 52
Which two components should you recommend?
You are planning a Lync Server 2013 deployment.
You need to recommend which Lync Server 2013 components are required to meet the following requirements:
Presence, chat, and multiparty video conferencing features must be provided.
Quality of Experience (QoE) data and call detail recording (CDR) must be provided.
Lync Server services must be provided to internal users only.
Licensing costs must be minimized.
Which two components should you recommend? (Each correct answer presents part of the solution. Choose two.)
A. A Director pool
B. A Standard Edition server

C. An Enterprise Edition pool  
D. An Edge pool 
E. A Microsoft SQL Server database 

Correct Answer: BE 
Explanation/Reference: 
This question only requires internal features, ("Lync Server Services must be provided to internal users only") and Edge is not required for this. 
Presence, Chat, and Multiparty Video Conferencing features must be provided. 
Quality of Experience (QoE) Data and Call Detail Recording (CDR) must be provided. 
Lync Server Services must be provided to Internal Users only. 
Licensing Costs must be minimized.

**Question 53**
Which setting should you modify in Meeting Configuration? 
You need to ensure that the Lync Server 2013 infrastructure meets the security requirement for conferences. 
Which setting should you modify in Meeting Configuration?  
(To answer, select the appropriate setting in the answer area.) 
Hot Area:
Question 54
What is the minimum number of SQL Server servers that you should identify?
You have a Lync Server 2013 infrastructure that contains an Enterprise Edition front end pool.
You plan to add the following server roles to the existing infrastructure:
Edge Server
Archiving Server
Monitoring Server
Persistent Chat Server
You need to identify the minimum number of Microsoft SQL Server servers that must be added to the existing Lync Server 2013 infrastructure. The solution must not use the existing SQL Server Back End Server.
What is the minimum number of SQL Server servers that you should identify?
A. 1
B. 2
C. 3
D. 4
Correct Answer: A
Explanation/Reference:
"You need to identify the minimum number of Microsoft SQL Server Servers that must be added to the existing Lync Server 2013 Infrastructure. The solution MUST NOT use the existing SQL Server Back End Server."
We CANNOT use the existing Back End SQL Server
Edge Server DOES NOT require a SQL Server, it installs SQL Express Edition for local CMS
Monitoring and Archiving can be collocate onto the same SQL Server that is used by the Persistent Chat Server
The conclusion and the answer is:
The Minimum Number of Microsoft SQL Server Servers is:

Question 55
What should you do?
Your company has a main office and a branch office. The main office is located in Amsterdam. The branch office is located in New York. Each office has a data center. The offices connect to each other by using a high-bandwidth, low-latency WAN link. You have a Lync Server 2013 infrastructure that contains 5,000 users.
You plan to deploy a persistent chat infrastructure.
You need to ensure that persistent chat rooms remain available if a Persistent Chat Server fails.
What should you do?
A. Create one Persistent Chat Server pool that contains two active chat servers.
B. Create two Persistent Chat Server pools that each contains one active chat server and one standby chat server.
C. Create two Persistent Chat Server pools that each contains one active chat server.
D. Create one Persistent Chat Server pool that contains one active chat server and one standby chat server.

Correct Answer: A
Explanation/Reference:

Question 56
Which cmdlet should you run?
The Lync Server 2013 infrastructure was implemented successfully three months ago. You need to recommend a solution to meet the technical requirements.
Which cmdlet should you run?
A. Set-CsClientVersionConfiguration
B. Set-CsClientVersionPolicy
C. Set-CsMobilityPolicy
D. Set-CsDeviceUpdateConfiguration
E. Set-CsClientPolicy

Correct Answer: B
Explanation/Reference:

Question 57
Which two configurations should you identify?
You need to identify the dial-in conferencing configurations required to meet the technical requirements for the sales department.
Which two configurations should you identify? (Each correct answer presents part of the solution. Choose two.)
A. Create a user-level conferencing policy. Assign the conferencing policy to the sales department users.
B. Create a user-level dial plan. Assign the dial plan to the sales department users.
C. Create a new dial-in access number. Assign the dial-in access number to a dial-in conferencing region.
D. Create a user-level voice policy. Assign the voice policy to the sales department users.
E. Create a new meeting configuration. Assign the meeting to a site.

Correct Answer: BC
Explanation/Reference:
Note:
* The sales department must have a dedicated dial-in conferencing number. All other users in both the United States and Europe must use a pool of regional dial-in conferencing numbers.

Question 58
How many servers should you identify?
You need to identify the minimum number of Lync Server 2013 servers and supporting server roles required in each Lync site to meet the business goals and the technical requirements.
How many servers should you identify? (To answer, select the appropriate number servers in the answer area.)

Correct Answer: CHKP
Explanation/Reference:

Question 59
Which two actions should you recommend?
You need to recommend an archiving solution that meets the business goals and the technical requirements.
Which two actions should you recommend? (Each correct answer presents part of the solution.)
Choose two.)
A. Create a new Front End pool. Home the sales department users and the research department users on the new pool. Configure archiving for the new pool.
B. Create a new Front End pool for the sales department and a new Front End pool for the research department. Configure archiving for the new pools.
C. Configure the global archiving policy.
D. Home the sales department users on the Front End pool in the United States. Home the research department users on the Front End pool in Europe. Configure archiving for each pool.
E. Create a new user-level archiving policy.

Correct Answer: BC

Explanation/Reference:
* From scenario
The conversations of all the sales department users must be archived for 30 days. The conversations of all the research department users must be archived for 90 days. No other conversations must be archived.

**Question 60**

How many public IP addresses should you identify for each component?
You need to identify the minimum number of required public IP addresses for each Lync Server 2013 component. The solution must meet the business goals and the technical requirements.

How many public IP addresses should you identify for each component? (To answer, select the appropriate number of public IP addresses for each component in the answer area.)

Select four.
A. Edge server: 0
B. Edge server: 1
C. Edge server: 2
D. Edge server: 3
E. Hardware load balancer: 0
F. Hardware load balancer: 1
G. Hardware load balancer: 2
H. Hardware load balancer: 3
I. Web component: 0
J. Web component: 1
K. Web component: 2
L. Web component: 3
M. Office Web Apps: 0
N. Office Web Apps: 1
O. Office Web Apps: 2
P. Office Web Apps: 3

Correct Answer: DHJN

Explanation/Reference:

**Question 61**

Which four actions should you perform in sequence?
You need to identify the cause of the authentication issue for the pilot users.
Which four actions should you perform in sequence? (To answer, move the appropriate four actions from the list of actions to the answer area and arrange them in the correct order.)

Select and Place:
Correct Answer:

Explanation/Reference:
Explanation:
Box 1: Update-CsClsLogging
Box 2: Run Start-CsClsLogging
Box 3: Run Stop-CsClsLogging
Box 4: Open the log file by running snooper.exe.

Note:
* From scenario:
// Before deploying Lync Server 2013 and migrating the users to Lync Server 2013, you implement a small pilot project to test the functionality of Lync Server 2013.
// Problem Statements
The users in the pilot report that occasionally, they cannot sign in to Lync 2013.
* Start-CsClsLogging
Starts the specified scenario centralized logging service scenario. Centralized logging provides a way for administrators to simultaneously enable or disable Lync Server 2013 tracing on multiple computers.
* set-CsClsRegion
Modifies an existing centralized logging configuration region. Centralized logging provides a way for administrators to simultaneously enable or disable event tracing on multiple computers.
* Update-CsClsLogging
Updates the duration time for all active centralized logging scenarios.
* (incorrect) Search-CsClsLogging
Provides a command-line option for searching the centralized logging service log files.
* The centralized logging service (which replaces the OCSLogger and OCSTracer tools used in Microsoft Lync Server 2010) provides a way for administrators to manage logging and tracing for all computers and pools running Lync Server 2013. Centralized logging enables administrators to stop, start, and configure logging for one or more pools and computers by using a single command;

Question 62
How should you configure the DNS record?
You need to configure the required external DNS record to support federation. The solution must meet the business goals and the technical requirements.
How should you configure the DNS record?
(To answer, select the appropriate options for the DNS record in the answer area.)

Correct Answer:
Question 63
Which components should you identify for which servers?
You are evaluating how many Servers are required for the planned Lync Server 2013 deployment.
You need to identify which components can be collocate on the Front End Servers and which components must be installed on a new Server.
Which components should you identify for which servers?
To answer, configure the appropriate components in the answer area.
Hot Area:

Answer Area

Edge Server
Can be collocates on Front End Server
Must be installed on a separate server

Mediation Server
Can be collocates on Front End Server
Must be installed on a separate server

Monitoring Server
Can be collocates on Front End Server
Must be installed on a separate server

Office Web Apps server
Can be collocates on Front End Server
Must be installed on a separate server

Correct Answer:
**Question 64**

Which tool should you include in the recommendation?

You need to recommend a backup solution to meet the technical requirements. Which tool should you include in the recommendation?

A. Export-CsUserData  
B. Ocslogger  
C. Snooper  
D. Get-CsAdContact  
E. Dbimpexp

Correct Answer: A

**Explanation/Reference:**

Reference: Export-CsUserData  

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**Question 65**

What should you do?

You need to ensure that the client computers that have Office Communicator 2007 R2 installed can use IM and presence and can join web conferences hosted on Lync Server 2013. The solution must minimize administrative effort.

What should you do?

A. Implement Communicator Web Access Server.  
B. Modify the client version policy to allow all versions of Office Communicator 2007 R2 to connect,  
C. Upgrade the computers to Lync 2010.  
D. Apply the latest hotfixes to Office Communicator 2007 R2

Correct Answer: B

**Explanation/Reference:**

---

**Question 66**

Which three actions should you perform before you configure the synthetic transactions?

You install System Center 2012 Operations Manager on a server named SCOM01. You import the Lync 2013 Server Management Pack to SCOM01.

You need to configure monitoring to meet the technical requirements. Which three actions should you perform before you configure the synthetic transactions? (Each correct answer presents part of the solution. Choose three.)

A. Install the Lync Server 2013 core components on SCOM1.  
B. Install the SCOM agent on Monitor01.  
C. Run Watchernode.msi on Monitor01.  
D. Install the Lync Server 2013 core components on Monitor01.  
E. Run Watchernode.msi on SCOM01.

Correct Answer: BCD

**Explanation/Reference:**

* From Scenario:
  A client computer named Monitor01 must be used to monitor client connectivity by using synthetic transactions.  
* You must run Watchernode.msi on a computer where both the Operations Manager (SCOM) agent files and the Lync Server 2013 core components are installed.

Note:

* Watcher nodes are computers that periodically run Lync Server synthetic transactions. Synthetic transactions are Windows PowerShell cmdlets that verify that key end user scenarios--such as the ability to sign in to the system, or the ability to exchange instant messages--are working as expected.
**Question 67**
Which statement should you identify?
You are evaluating the migration of the response groups. You need to identify which statement correctly describes the migration of the response groups to Lync Server 2013.

A. All of the response groups must be recreated after the users are moved to Lync Server 2013.
B. All of the response groups must be migrated in a single migration operation.
C. An administrator must modify the topology after the response groups are migrated to Lync Server 2013.
D. An administrator must re-enable all users for Enterprise Voice after the response groups are migrated to Lync Server 2013.

Correct Answer: B
Explanation/Reference:

**Question 68**
What command should you run?
You need to move all users to the new Lync Server 2013 infrastructure. What command should you run? (To answer, configure the appropriate command in the answer area.)

Correct Answer: `Get-CsUser -Identity all -Online -LyncServer -UnassignedUser`

Explanation/Reference:

**Question 69**
Which names should you recommend?
You need to recommend which names must be included in the certificate installed on Lync3_02. Which names should you recommend? (To answer, select the appropriate names in the answer area.)

Correct Answer:

- SN=fepool1.litware.com
- SAN=*.litware.com
- SAN=fepool1.litware.com
- SAN=lync13_01.litware.com
- SAN=lync13_02.litware.com
- SN=lync13_02.litware.com

**Reference:** Installing and Configuring Watcher Nodes
Certificate MUST have the Pool Name as the Subject Name (SN) and SAN Name and the Server Name in the SAN.

**Question 70**
Which three actions should you recommend in sequence?
You need to recommend which actions must be performed to add the planned Lync Server 2013 servers.
Which three actions should you recommend in sequence?
(To answer, move the appropriate three actions from the list of actions to the answer area and arrange them in the correct order.)
Select and Place:

Correct Answer:
Box 1: From the Lync Server 2010 Topology Builder, save a copy of the topology.
Box 2: From the Lync Server 2013 Topology Builder, configure the topology.
Box 3: From the Lync Server 2013 Topology Builder, publish the topology.

**Note:**
* From scenario:
/ Litware plans to upgrade to Lync Server 2013

**Question 71**
What DNS record should you create?
After the migration, users report that when they connect remotely, they fail to sign in by using the Lync 2013 Windows Store app. You verify the external DNS records for Lync and locate the records shown in the following table.

<table>
<thead>
<tr>
<th>Record type</th>
<th>FQDN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service location (SRV)</td>
<td>sip federationis_tcp.litware.com</td>
</tr>
<tr>
<td>Service location (SRV)</td>
<td>sip_ts.litware.com</td>
</tr>
<tr>
<td>Host (A)</td>
<td>sip.litware.com</td>
</tr>
</tbody>
</table>

You need to ensure that the users can sign in by using the Lync 2013 Windows Store app.
What DNS record should you create? (To answer, select the appropriate configuration in the answer area.)

**Correct Answer:**

<table>
<thead>
<tr>
<th>Record type</th>
<th>FQDN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host (A)</td>
<td>sip.litware.com</td>
</tr>
<tr>
<td>Service location (SRV)</td>
<td>sip federationis_tcp.litware.com</td>
</tr>
<tr>
<td>Host (A)</td>
<td>sip.litware.com</td>
</tr>
<tr>
<td>Service location (SRV)</td>
<td>sip_ts.litware.com</td>
</tr>
<tr>
<td>Host (A)</td>
<td>sip.litware.com</td>
</tr>
<tr>
<td>Service location (SRV)</td>
<td>sip federationis_tcp.litware.com</td>
</tr>
<tr>
<td>Service location (SRV)</td>
<td>sip_ts.litware.com</td>
</tr>
<tr>
<td>Host (A)</td>
<td>sip.litware.com</td>
</tr>
</tbody>
</table>

**Explanation/Reference:**
Question 72
What should you do?
You need to configure the Lync Server 2013 infrastructure to meet the security requirements for the human resources department. The solution must minimize administrative effort.
What should you do?
A. Create a new user-level external access policy.
B. Modify the Access Edge Configuration settings.
C. Create a new user-level client policy.
D. Modify the global external access policy.
Correct Answer: A
Explanation/Reference:

Question 73
Which Lync client or clients should you recommend?
You need to recommend which type of client connection the remote users must use to prevent the connection issue.
Which Lync client or clients should you recommend? (Choose all that apply.)
A. Lync 2013
B. Lync Web App
C. Lync Windows Store app
D. Lync Attendee
Correct Answer: AB
Explanation/Reference:
A: Lync 2013 is the full-featured client for Lync Server. The Lync 2013 user interface has been fully redesigned and includes newly integrated features, such as Persistent Chat (Lync 2010 had a separate client for chat functionality), tabbed conversations, video preview, and multiparty video
B: * Lync Web App is the client of choice for participants outside your organization. With Lync Web App, no local client installation is required, although audio, video, and sharing features require installation of a plug-in during first use.
* Lync Web App is the web-based conferencing client for Lync Server 2013 meetings. In this release, the addition of computer audio and video to Lync Web App provides a complete in-meeting experience for anyone who does not have a Lync client installed locally. Meeting participants have access to all collaboration and sharing features and presenter meeting controls.
Note:
* From scenario:
/ Migrate Group Chat to Persistent Chat
/ Users running previous client versions must be able to use chat features after the server is migrated to Persistent Chat.
Incorrect:
Not C: * Lync Windows Store app supports most of the commonly-used features for contact management, conversations, and calls. For advanced features such as delegate set up, team calls, response groups, and persistent chat, use Lync 2013 for the desktop instead.
Not D: * Because of the enhancements to Lync Web App, an updated version of Microsoft Lync 2010 Attendee is not available for Lync Server 2013.
* Lync 2010 Attendee The Microsoft Lync 2010 Attendee integrated call-management program enables a receptionist to manage multiple conversations at the same time through rapid call handling, IM, and onscreen routing.
Reference: Clients for Lync Server 2013

Question 74
Which three actions should you perform before you enable push notification?
You need to implement a solution to meet the notification requirements for the mobile devices. The solution must meet the technical requirements.
Which three actions should you perform before you enable push notification? (Each correct answer presents part of the solution. Choose three.)
A. Configure a reverse proxy.
B. Add a hosting provider.
C. Modify the client policy.
D. Configure accepted domains.
E. Enable federation.
Correct Answer: BDE
Explanation/Reference:
Reference: How to Enable Push Notifications for Lync Mobile iPhone & Windows 7 Phone
http://msexchangeanywhere.wordpress.com/2012/01/13/how-to-enable-push-notifications-for-lync-mobile-iphone-windows-phone-7-2/
Question 75
Which statement should you identify?
You are evaluating the migration of the response groups. You need to identify which statement correctly describes the migration of the response groups to Lync Server 2013.

Which statement should you identify?
A. An administrator must modify the topology after the response groups are migrated to Lync Server 2013.
B. An administrator must re-enable all users for Enterprise Voice after the response groups are migrated to Lync Server 2013.
C. All of the response groups must be recreated after the users are moved to Lync Server 2013.
D. All of the response groups must be migrated in a single migration operation.

Correct Answer: D
Explanation/Reference:

Question 76
Which components should you recommend?
You need to recommend which Lync Server 2013 components must be deployed to support the planned changes. The solution must meet the technical requirements.

Which components should you recommend?
To answer, drag the appropriate components to the correct site in the answer area.
Each component 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.
Select and Place.
**Question 77**
Which port should you open between the Internet and the planned Edge Server?
You are evaluating the implementation of an Edge Server.
You need to identify which ports that must be open on the firewall to support the planned federation relationship.
Which port should you open between the Internet and the planned Edge Server?
To answer, configure the appropriate protocol and port in the answer area.

**Correct Answer:**

```
Protocol: TCP
Port: 5061
```
Explanation/Reference:
Note:
Protocol/TCP or UDP/Port, Source (IP address), Destination (IP address), Comments
*XMPP/TCP/5269
IP address or addresses of XMPP federated partners
Access Edge External standard server-to-server communication port for XMPP.
Allows communication to the Edge-deployed XMPP proxy from federated XMPP partners
*XMPP/TCP/5269
Access Edge External IP address or addresses of XMPP federated partners
Standard server-to-server communication port for XMPP.
Allows communication from the Edge-deployed XMPP proxy to federated XMPP partners

Question 78
Which DNS record should you identify?
You need to identify which DNS record must be implemented for the planned federation relationship.
Which DNS record should you identify?
To answer, select the appropriate configurations for the DNS record in the answer area.

Correct Answer:
Explanation/Reference:

Note:
- Protocol/TCP or UDP/Port, Source (IP address), Destination (IP address), Comments *XMPP/TCP/5269
- IP address or addresses of XMPP federated partners

Access Edge External Standard server-to-server communication port for XMPP. Allows communication to the Edge-deployed XMPP proxy from federated XMPP partners

*XMPP/TCP/5269

Access Edge External IP address or addresses of XMPP federated partners Standard server-to-server communication port for XMPP. Allows communication from the Edge-deployed XMPP proxy to federated XMPP partners

**From the case...**

Litware, Inc., is an international manufacturing company that has 4,000 employees. The company has a sales department, a marketing department, a research department, and a human resources department.

Litware has a partner company named Fabricam, Inc. Fabricam has an office in Paris. Fabricam uses a XMPP-based instant messaging (IM) solution.

**Extensible Messaging and Presence Protocol (XMPP) TCP PORT 5269**

Planned Federation Relationship in Litware—Case A is XMPP Federation

The Partner Company uses XMPP for IM

Answer is: Use Port TCP/5269 which is for XMPP Federation

Port Summary - Single Consolidated Edge with Public IP Addresses

The Lync Server 2013, Edge Server functionality described in this scenario architecture is very similar to what was implemented in Lync Server 2010. The most noticeable addition is the port 5269 over TCP entry for the extensible messaging and presence protocol (XMPP). Lync Server 2013 optionally deploys an XMPP proxy on the Edge Server or Edge pool and the XMPP gateway server on the Front End Server or Front End pool. Planning information for the reverse proxy and federation are found in Scenarios for Reverse Proxy and Planning for SIP, XMPP Federation and Public Instant Messaging sections, respectively.

Port and Protocol Details

We recommend that you open only the ports required to support the functionality for which you are providing external access.

For remote access to work for any edge service, it is mandatory that SIP traffic is allowed to flow bidirectionally as shown in the Inbound/Outbound edge traffic figure. Stated another way, the SIP messaging to and from the Access Edge service is involved in instant messaging (IM), presence, web conferencing, audio/video (A/V) and federation.

Firewall Summary for Single Consolidated Edge with Public IP Addresses: External Interface

In addition to IPv4, the Edge Server now supports IPv6. For clarity, only IPv4 is used in the scenarios.
Port range TCP and UDP 50,000-59,999 inbound and outbound is only required when federating with partners still running Office Communications Server 2007.
Question 79
Which three actions should you identify?
You need to identify which tasks must be performed to move the Central Management store during the planned migration.
Which three actions should you identify?
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:

Correct Answer:
**Explanation/Reference:**

Lync1 is a Lync 2010 Server - so we DO NOT RUN any commands on Lync1 to move the Central Management Store.

- Run Install-CsDatabase from one of the 2013 Front-Ends.
- Enable-CsTopology - commonly done on the same Front-End server.
- Move-CsManagementServer - again, target Front-End Pool, commonly done on the same FE.

**Question 80**

Which four actions should you identify?

You need to identify which tasks must be performed to configure pool pairing between the Front-End pools.

Which four actions should you identify?

To answer, move the four appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:
Explanation/Reference:
Deploying Paired Front End Pools for Disaster Recovery

## Deploying Paired Front End Pools for Disaster Recovery

**Lync Server 2013**
**Topic Last Modified: 2013-02-21**

You can easily deploy the disaster recovery topology of paired Front End pools using Topology Builder.

**To deploy a pair of Front End pools**

1. If the pools are new and not yet defined, use Topology Builder to create the pools.
2. In Topology Builder, right-click one of the two pools, and then click **Edit Properties**.
3. Click **Resiliency** in the left pane, and then select **Associated Backup Pool** in the right pane.
4. In the box below **Associated Backup Pool**, select the pool that you want to pair with this pool. Only existing pools that are not already paired with another pool will be available to select from.
5. Select **Automatic failover and fallback for Voice**, and then click **OK**. When you view the details about this pool, the associated pool now appears in the right pane under Resiliency.
6. Use Topology Builder to publish the topology.
Litware, Inc. is an international manufacturing company that has 10,000 users. The network contains an Active Directory forest named litware.com. The forest contains a single domain. All domain controllers run Windows Server 2008 R2. Each office contains two domain controllers. Each office is configured as an Active Directory site. Lync Server 2010 Infrastructure

All of the servers that have Lync Server 2010 deployed are monitored by using Microsoft System Center Operations Manager. All client computers have either Microsoft Lync 2010 or Microsoft Office Communicator 2007 R2 installed. Administrators configure the following Lync Server 2010 features:

- IM and presence for all sites
- External user access for IM and conferencing
- Conferencing for all sites
- Response groups
- Group Chat

Problem Statements

- Users report that other users who are not listed on their contact list can see their presence information. This also occurs when the users set their privacy mode to allow only the users on their contact list to see their presence information.
- The users report that when they connect to meetings remotely, they cannot use presenter controls.

Requirements

Business Goals

- Litware plans to upgrade to Lync Server 2013 during the next six months and plans to implement the following changes during the upgrade:
  - Migrate the current Front End pool to an Enterprise Edition Front End pool named fepool that will contain two servers named Lyncl3_01 and Lyncl3_02.
  - Migrate Group Chat to Persistent Chat.

Technical Requirements

- Litware identifies the following technical requirements for the planned changes:
  - Users running previous client versions must be able to use chat features after the server is migrated to Persistent Chat.
  - A client computer named Monitor01 must be used to monitor client connectivity by using synthetic transactions.

High Availability Requirements

- Litware plans to upgrade to Lync Server 2013 during the next six months and plans to implement the following changes during the upgrade:
  - Migrate the current Front End pool to an Enterprise Edition Front End pool named fepool that will contain two servers named Lyncl3_01 and Lyncl3_02.
  - Migrate Group Chat to Persistent Chat.
What should you recommend including in the solution?
You need to recommend a solution to resolve the presence information issue.
You verify that enhanced presence privacy mode is enabled for all users.
What should you recommend including in the solution?
A. A client version policy
B. A conferencing policy
C. A presence policy
D. A client policy

Correct Answer: A
Explanation/Reference:

Question 82
Which three configurations should be applied to the Lync Phone Edition devices from DHCP?
You need to plan for the implementation of the DHCP configurations for the Lync Phone Edition devices.
Which three configurations should be applied to the Lync Phone Edition devices from DHCP? (Each correct answer presents part of the solution.
Choose three.)
A. The FQDN of the Lync Server pool registrar
B. The IP address of a time server
C. The URL of the certificate provisioning service of the Lync Server pool
D. The IP address of a Mediation Server
E. The SIP domain

Correct Answer: ABC
Explanation/Reference:

Question 83
Which cmdlet should you include in the recommendation?
You are evaluating a disaster recovery solution for the planned Front End pools.
You need to recommend a solution for restoring access to the Central Management store if the Front End pool fails.
Which cmdlet should you include in the recommendation?
A. Invoke-CsManagementServerFailover
B. Import-CsConfiguration
C. Invoke-CsPoolFailover
D. Move-CsManagementServer

Correct Answer: A
Explanation/Reference:

Question 84
Which three actions should you recommend?
You need to recommend which tasks must be performed to implement the planned unified contact store.
Which three actions should you recommend? (Each correct answer presents part of the solution.
Choose three.)
A. From a server that has Lync Server 2013 deployed, run the Set-CsUserServicesPolicy cmdlet.
B. From a server that has Lync Server 2013 deployed, run the Set-CsClientPolicy cmdlet.
C. From a server that has Lync Server 2013 deployed, run the New-CsPartnerApplication cmdlet.
D. From a server that has Exchange Server 2013 deployed, run the Configure-EnterprisePartnerApplication.ps1 script.
E. From a server that has Exchange Server 2013 deployed, run the ExchUCUtil.ps1 script.

Correct Answer: ACD
Explanation/Reference:

Question 85
Which tools should you identify?
You are planning the Lync Server 2013 migration.
You need to identify which management tools must be used to achieve the following migration tasks during the coexistence period:
Add a server that has Lync Server 2013 deployed to the topology. Remove a server that has Lync Server 2010 deployed from the topology.
Which tools should you identify?
To answer, drag the appropriate management tools to the correct migration task in the answer area. Each tool 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.
Which three actions should you recommend?
You are evaluating the deployment of the Persistent Chat feature.
You need to recommend which tasks must be performed to create HRConfidential.
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:
A) Create a category and set the scope of the category.
B) Run the New-CsPersistentChatRoom cmdlet.
C) Set the privacy of the chat room to Secret.

Note:
* From the scenario we have: Only users in the human resources department must be able to access and discover a persistent chat room named HRConfidential
* Select a privacy setting for your room from the three options:
  - Open - Anyone will be able to find this room (via search), open it, and read and write in (“post to”) it. Open rooms have no “membership” per se.
  - Closed - Non-members will be able to find this room and see who is a member, but only members will be able to open the room, read or post to it. (This is the default setting.)
  - Secret - non-members won’t be able to find this room, learn who has membership in it, or read or post to it.
* New-CsPersistentChatRoom
  Creates a new Persistent Chat chat room. A chat room is a discussion forum that typically revolves around a specific topic.
* New-CsPersistentChatPolicy
  Creates a new Persistent Chat policy at the site or the per-user scope. Persistent Chat policies determine whether or not users are allowed access to Persistent Chat chat rooms.

Question 87
Which four actions should you include in the design?
To answer, move the four appropriate actions from the list of actions the correct order.
Select and Place:

Correct Answer:
You install Lync Server 2013 on Edge Servers by using Lync Server Deployment Wizard. By running the Deployment Wizard on each Edge Server, you can complete most of the tasks required to set up the Edge Server. In order to deploy Lync Server 2013 on an Edge Server, you must have already run Topology Builder (see note 2 below) to define and publish your Edge Server topology, and exported it to media that is available from the Edge Server.

To install an Edge Server:
1. Log on to the computer on which you want to install your Edge Server as a member of the local Administrators group or an account with equivalent user rights and permissions.
2. Ensure that the topology configuration file you created using Topology Builder, and then exported and copied to external media, is available on the Edge Server (for example, access to the USB drive onto which you copied the topology configuration file, or verify access to the network share where you copied the file).
4. In the Deployment Wizard, click Install or Update Lync Server System.
5. After the wizard determines the deployment state, for Step 1. Install Local Configuration Store, click Run and then do the following:
   * In the Configure Local Replica of Central Management Store dialog box, click Import from a file (Recommended for Edge Servers), go to the location of the exported topology configuration file, select the .zip file, click Open, and then click Next.
   * The Deployment Wizard reads the configuration information from the configuration file and writes the XML configuration file to the local computer.
6. After the Executing Commands process is finished, click Finish.

Note 2: To define the topology for a single Edge Server:
1. Start Topology Builder: Click Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Topology Builder.
2. In the console tree, expand the site in which you want to deploy an Edge Server.
3. Right-click Edge pools, and then click New Edge Pool.
4. In Define the New Edge Pool, click Next.
5. In Define the Edge Pool FQDN, click Finish.

Note 3: Export-CsConfiguration
Exports your Lync Server topology, policies, and configuration settings to a file. Among other things, this file can then be used to restore this information to the Central Management store after an upgrade, a hardware failure, or some other issue has resulted in data loss. This cmdlet was introduced in Lync Server 2010.

Reference: Install Edge Servers; Define Your Edge Topology; Export-CsConfiguration

Question 89:
Which components should you identify for which servers?

You are evaluating how many servers are required for the planned Lync Server 2013 deployment. You need to identify which components can be collocated on the Front End Servers and which components must be installed on a new server.

Which components should you identify for which servers?

To answer, configure the appropriate components in the answer area.
**Question 89**
Which rule should you modify in the client version policy to resolve the user issue?

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

**Explanation/Reference:**

Which rule should you modify in the client version policy to resolve the user issue?

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

**Hot Area:**
Correct Answer:

Explanation/Reference:

Note:
Lync has a Client Version Policy that allows you to allow or reject registrations from certain client versions. Here the Lync server 2013 clients are blocked because they have too new version number.

Question 90

What are two possible recommendations that achieve the goal?

You need to recommend a remote access solution for each central site. The solution must meet the security requirements and the technical requirements.

What are two possible recommendations that achieve the goal? (Each correct answer presents a complete solution. Choose two.)

A. Deploy two Edge Servers that are load balanced by using DNS load balancing.
   - Assign one public IP address to each Edge Server service on each Edge Server.

B. Deploy two Edge Servers that are load balanced by using a hardware load balancer.
· Assign one public IP address to each Edge Server service on each Edge Server.
· Assign three public IP addresses to the hardware load balancer.
· Assign one public IP address to each Edge Server.
· Assign two public IP addresses to the hardware load balancer.

Correct Answer: AB

Explanation/Reference:

Question 91
Which cmdlet should you include in the recommendation?
You are evaluating the implementation of the planned monitoring solution.
You need to recommend which tasks must be performed to meet the monitoring requirements.
Which cmdlet should you include in the recommendation?
A. Set-CsArchivingConfiguration
B. Set-CsQoEConfiguration
C. Set-CsCDRConfiguration
D. Set-CsHealthMonitoringConfiguration

Correct Answer: C

Explanation/Reference:
This command modifies QoE settings that apply to the Dublin site. In this example we’ve set the KeepQoEDataForDays parameter to 45, so QoE data will be purged from the database after 45 days. In addition, we’ve set the PurgeHourOfDay parameter to 4, meaning any data older than the 45 days we just specified will be purged at 4:00 AM.

Set-CsQoEConfiguration -Identity site:Dublin -KeepQoEDataForDays 45 -PurgeHourOfDay 4

Question 92
Which cmdlet should you recommend using?
You need to recommend which task must be performed to meet the backup requirements.
Which cmdlet should you recommend using?
A. Export-CsConfiguration
B. Backup-CsPool
C. Restore-CsDatabase
D. Export-CsUserData

Correct Answer: A

Explanation/Reference:
Export-CsConfiguration, Exports your Lync Server topology, policies, and configuration settings to a file. Among other things, this file can then be used to restore this information to the Central Management store after an upgrade, a hardware failure, or some other issue has resulted in data loss.


Question 93
Which cmdlet should you run to move the users to the planned Lync Server 2013 infrastructure?
Which cmdlet should you run to move the users to the planned Lync Server 2013 infrastructure?
A. Move-CsManagementServer
B. Move-CsLegacyUser
C. Move-ADObject
D. Move-CsUser

Correct Answer: D

Explanation/Reference:
Move-CsLegacyUser is to move users from Office Communication Server 2007 to Lync Server only, Move-CsUser otherwise use.


Question 94
What should you recommend?
You need to recommend changes to the existing SQL Server environment to support Lync Server 2013 during the coexistence period.
What should you recommend?
A. Upgrade to SQL Server 2008 R2 on the existing servers that have SQL Server deployed.
B. Upgrade to SQL Server 2012 on the existing servers that have SQL Server deployed.
C. Create a new SQL Server instance on the existing servers that have SQL Server deployed.
D. Implement a new server that has SQL Server 2012 deployed.

Correct Answer: D

Explanation/Reference:
Question 95
What should you do?
The company is planning to implement help and support resources for users that use the Lync Server 2013 conferencing features. You need to ensure that the users can access the help and support resources by clicking a URL from a meeting invitation.

What should you do?
A. Run the Set-CsConferenceDisclaimer cmdlet.
B. From the Microsoft Lync Server 2013 Control Panel, modify the conferencing policy settings.
C. Run the Set-CsMeetingRoom cmdlet.
D. From the Microsoft Lync Server 2013 Control Panel, modify the meeting configuration settings.

Correct Answer: D
Explanation/Reference:
Question 96
Which five actions should you perform?
You are troubleshooting the issue reported by the Toronto users. You verify that the logging level of the centralized logging service is set to AlwaysOn. You need to gather additional troubleshooting information immediately to resolve the issue. 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.
Select and Place:

Correct Answer:
Question 97
Which configuration should you identify for each requirement?
You need to identify which configurations must be used to meet the web conferencing requirements.
Which configuration should you identify for each requirement?
To answer, drag the appropriate configuration to the correct requirement in the answer area.
Each configuration 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.
Select and Place:

Correct Answer:

Explanation/Reference:
Box 1: A conferencing policy
Box 2: A conferencing policy
Box 3: A conferencing policy
Box 4: A meeting Configuration
"Users from Litware must be able to download the content of the Web Conference"
Download the content of web conferences:

**Question 98**
Which node should you perform the modification?
You need to modify the FQDN of the external web service.
From which node should you perform the modification?
To answer, select the appropriate node in the answer area.

**Correct Answer:**

Configure Web Services

1. Log on to the computer where Topology Builder is installed as a member of the Domain Admins group and the RTCUniversalServerAdmins group.
2. Start Topology Builder: Click Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Topology Builder.
4. Add or edit the External Web Services FQDN, and then click OK.

Question 99
Which two actions should you recommend?
You are evaluating the implementation of SQL Server database mirroring on new SQL Server servers for the planned Lync Server 2013 deployment.
You need to recommend which tasks must be performed to prepare SQL Server database mirroring for Lync Server 2013.
Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.)
A. From the Topology Builder, create a new Enterprise Edition Front End pool and a new SQL Server database, SQL Server database mirroring, and a witness.
B. From the Topology Builder, publish the topology and install the databases.
C. On the SQL Server servers, install Failover Clustering.
D. On the Front End Servers, install Failover Clustering.
E. Run the Update-CsUserDatabase cmdlet.
F. Run the Invoke-CsDatabaseFailover cmdlet.

Correct Answer: AB

Explanation/Reference:
DEPLOYING SQL MIRRORING FOR BACK END SERVER HIGH AVAILABILITY
To be able to deploy SQL mirroring, your servers must run a minimum of SQL Server 2008 R2. This version must run on all the involved servers: the primary, mirror, and the witness. For details, see http://go.microsoft.com/fwlink/p/?linkid=3052&kbid=2083921.
In general, setting up SQL mirroring between the two Back End Servers with a witness requires the following:
The primary server’s version of SQL Server must support SQL mirroring.
The primary, mirror, and the witness (if deployed) must have the same version of SQL Server.
The primary and the mirror must have the same edition of SQL Server. The witness may have a different edition.
For SQL best practices in terms of what SQL versions are supported for a Witness role, see "Database Mirroring Witness" in the MSDN Library at http://go.microsoft.com/fwlink/p/?LinkId=247345.
You use Topology Builder to deploy SQL mirroring. You select an option in Topology Builder to mirror the databases, and Topology Builder sets up the mirroring (including setting up a witness, if you want) when you publish the topology. Note that you set up or remove the witness at the same time you set up or remove the mirror. There is no separate command to deploy or remove only a witness.
To configure server mirroring, you must first set up SQL database permissions correctly. For details, see "Set Up Login Accounts for Database Mirroring in AlwaysOn Availability Groups (SQL Server)" at http://go.microsoft.com/fwlink/p/?LinkId=268454.
Full, which means you must.
With SQL mirroring, database recovery mode is always set to closely monitor transaction log size and back up transaction logs on a regular basis to avoid running out of disk space on the Back End Servers. The frequency of transaction log backups depends on the log growth rate, which in turn depends on database transactions incurred by user activities on the Front End pool. We recommend that you determine how much transaction log growth is expected for your Lync deployment workload so that you can do the planning accordingly. The following articles provide additional information on SQL backup and log management:
Database recovery models: "Recovery Models (SQL Server)" at http://go.microsoft.com/fwlink/p/?LinkId=268446
Backup overview: "Backup Overview (SQL Server)" at http://go.microsoft.com/fwlink/p/?LinkId=268449
Backup transaction log: "Backup a Transaction Log (SQL Server)" at http://go.microsoft.com/fwlink/p/?LinkId=268452
With SQL mirroring, you can either configure the topology for mirroring when you create the pools, or after the pools are already created.
IMPORTANT:
Using Topology Builder or cmdlets to set up and remove SQL mirroring is supported only when the primary, mirror, and witness (if desired) servers all belong to the same domain. If you want to set up SQL mirroring among servers in different domains, see your SQL Server documentation.
TO CONFIGURE SQL MIRRORING WHILE CREATING A POOL IN TOPOLOGY BUILDER
Define the SQL Store page, click New next to the SQL store box.
On the Define new SQL Store page, specify the primary store, select This SQL instance On the is in mirroring relation, specify the SQL mirroring port number (the default is 5022), and OK, then click Define the SQL store page, select Enable SQL Store mirroring.
Back on the Define new SQL Store page, specify the SQL store to be used as the mirror. Select In the Define new SQL Store page, specify the SQL store to be used as the mirror. Select In the This SQL instance is in mirroring relation, specify the port number (the default is 5022), OK, and then click OK if you want a witness for this mirror, do the following:

Use SQL mirroring witness to enable automatic failover.

Select Define the SQL Store page, select Use SQL mirroring witness to enable automatic failover, and specify the SQL store to be used as the witness. OK.

Specify the port number (the default is 7022) and click OK after you are done defining your Front End pool and all other roles in your topology, use Topology Builder to publish the topology. When the topology is published, if the Front End pool that hosts Central Management store has SQL mirroring enabled, you will see an option to create both primary and mirror SQL store databases.

Settings, and type the path to use as the file share for the mirroring backup. Click OK and then Next to create the databases and publish the topology. The mirroring and Click the witness (if specified) will be deployed. You can use Topology Builder to edit the properties of an already existing pool to enable SQL mirroring.

TO ADD SQL MIRRORING TO AN EXISTING FRONT END POOL IN TOPOLOGY BUILDER

Edit Properties.

In Topology Builder, right-click the pool and then click Enable SQL Store Mirroring, and then click New next to Mirroring SQL Store.

Select Specify the SQL store that you want to use as the mirror.

This SQL instance is in mirroring relation, specify the SQL mirroring port number Select OK, the default port is 5022), and then click Use SQL mirroring witness to enable If you want to configure a witness, select automatic failover, and click New. Specify the SQL store that you want to use as the witness. This SQL instance is in mirroring relation, specify the SQL mirroring port number Select OK, (the default port is 7022), and then click OK.

Click Publish the topology. When you do so, you will be prompted to install the database. You must then install the database before going on to the next procedure. You should keep the following in mind when setting up SQL mirroring:

If a mirroring endpoint already exists, it will be reused using the ports defined there, and will ignore the ones you specify in the topology. Any port already allocated for other applications on the same server, including those for other SQL instances, should not be used for the installed SQL instances at hand. This implies that if you have more than one SQL instance installed on the same server, they must not use the same port for mirroring. For details, see the following articles:

"Specify a Server Network Address (Database Mirroring)" in the MSDN Library at http://go.microsoft.com/fwlink/p/?LinkId=247346

"The Database Mirroring Endpoint SQL Server Database" at http://go.microsoft.com/fwlink/p/?LinkId=247347

USING LYNC SERVER MANAGEMENT SHELL CMDLETS TO SET UP SQL MIRRORING

The easiest way to set up mirroring is by using Topology Builder, but you can also do so using cmdlets.

Open a Lync Server Management Shell window and run the following cmdlet:

Install-CsMirrorDatabase -ConfiguredDatabases -FileShare <fileshare> -SqlServerFqdn <primarySqlserverFqdn> -SqlInstanceName <primarySqlInstanceName> -DatabasePathMap <primarySqlDatabasePathMap> -FileShare <fileshare> -SqlServerFqdn <primarySqlserverFqdn> -SqlInstanceName <primarySqlInstanceName> -DatabasePathMap <primarySqlDatabasePathMap> -ExcludeDatabaseList [DropExistingDatabasesOnMirror] -Verbose

For example:

Install-CsMirrorDatabase -ConfiguredDatabases -FileShare PRIMARYBEcsdbbackup -SqlServerFqdn primaryBE.contoso.com -DropExistingDatabasesOnMirror -Verbose

You will see the following:

Database Name:rcxds

Data File:D:CsDataBackendStorertcDbPathrcxds.mdf

Log File:D:CsDataBackendStorertcLogPathrcxds.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rcxshared

Data File:D:CsDataBackendStorertcDbPathrcxshared.mdf

Log File:D:CsDataBackendStorertcLogPathrcxshared.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rcxab

Data File:D:CsDataABSStorertcDbPathrcxab.mdf

Log File:D:CsDataABSStorertcLogPathrcxab.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rgsconfig

Data File:D:CsDataApplicationStorertcDbPathrgsconfig.mdf

Log File:D:CsDataApplicationStorertcLogPathrgsconfig.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Database Name:rtcxds

Data File:D:CsDataBackendStorertcDbPathrcxds.mdf

Log File:D:CsDataBackendStorertcLogPathrcxds.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rcxshared

Data File:D:CsDataBackendStorertcDbPathrcxshared.mdf

Log File:D:CsDataBackendStorertcLogPathrcxshared.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rcxab

Data File:D:CsDataABSStorertcDbPathrcxab.mdf

Log File:D:CsDataABSStorertcLogPathrcxab.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$

Mirror SQL: K16-ocs.los_a.lsipt.localrtc

Account: LOS_AK16-ocs$

Witness SQL : AB14-lct.los_a.lsipt.localrtc

Account: LOS_AAB14-lct$

Database Name:rgsconfig

Data File:D:CsDataApplicationStorertcDbPathrgsconfig.mdf

Log File:D:CsDataApplicationStorertcLogPathrgsconfig.ldf

Primary SQL: e04-ocs.los_a.lsipt.localrtc

Account: LOS_Ae04-ocs$
Mirror SQL: K16-ocs.los_a.lsipt.localrtc
Account: LOS_AK16-ocs$
Witness SQL : AB14-lct.los_a.lsipt.localrtc
Account: LOS_AAB14-lct$
Database Name:rgsdyn
Data File:D:CsDataApplicationStorertcDbPathrgsdyn.mdf
Log File:D:CsDataApplicationStorertcLogPathrgsdyn.ldf
Primary SQL: e04-ocs.los_a.lsipt.localrtc
Account: LOS_Ae04-ocs$
Mirror SQL: K16-ocs.los_a.lsipt.localrtc
Account: LOS_AK16-ocs$
Witness SQL : AB14-lct.los_a.lsipt.localrtc
Account: LOS_AAB14-lct$
Database Name:cpsdyn
Data File:D:CsDataApplicationStorertcDbPathcpsdyn.mdf
Log File:D:CsDataApplicationStorertcLogPathcpsdyn.ldf
Primary SQL: e04-ocs.los_a.lsipt.localrtc
Account: LOS_Ae04-ocs$
Mirror SQL: K16-ocs.los_a.lsipt.localrtc
Account: LOS_AK16-ocs$
Witness SQL : AB14-lct.los_a.lsipt.localrtc
Account: LOS_AAB14-lct$
Database Name:xds
Data File:D:CsDataCentralMgmtStorertcDbPathxds.mdf
Log File:D:CsDataCentralMgmtStorertcLogPathxds.ldf
Primary SQL: e04-ocs.los_a.lsipt.localrtc
Account: LOS_Ae04-ocs$
Mirror SQL: K16-ocs.los_a.lsipt.localrtc
Account: LOS_AK16-ocs$
Witness SQL : AB14-lct.los_a.lsipt.localrtc
Account: LOS_AAB14-lct$
Database Name:lis
Data File:D:CsDataCentralMgmtStorertcDbPathlis.mdf
Log File:D:CsDataCentralMgmtStorertcLogPathlis.ldf
Primary SQL: e04-ocs.los_a.lsipt.localrtc
Account: LOS_Ae04-ocs$
Mirror SQL: K16-ocs.los_a.lsipt.localrtc
Account: LOS_AK16-ocs$
Witness SQL : AB14-lct.los_a.lsipt.localrtc
Account: LOS_AAB14-lct$

[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"):
Verify the following:
Port 5022 is accessible through the firewall if Windows Firewall is enabled in the primary SQL Server e04-ocs.los_a.lsipt.localrtc.
Port 5022 is accessible through the firewall if Windows Firewall is enabled in the mirror SQL Server K16-ocs.los_a.lsipt.localrtc.
Port 7022 is accessible through the firewall if Windows Firewall is enabled in the witness SQL Server AB14-lct.los_a.lsipt.localrtc.
Accounts running the SQL Servers on all primary and mirror SQL servers have read/write permission to the file share E04-OCScsdatabackup
Verify that the Windows Management Instrumentation (WMI) provider is running on all these servers. The cmdlet uses this provider to find the account information for SQL Server services running on all primary, mirror and witness servers.
Verify that the account running this cmdlet has permission to create the folders for the data and log files for all the mirror servers.
Note that the user account that the SQL instance uses to run must have read/write permission to the file share. If the file share is on a different server, and the SQL instance runs a local system account, you must grant file share permissions to the server that hosts the SQL instance.

Type A and press ENTER.
The mirroring will be configured.
Install-CsMirrorDatabase installs the mirror and configures mirroring for all the databases that are present on the primary SQL store. If you want to configure mirroring for only specific databases, you can use the DatabaseType option, or if you want to configure mirroring for all databases except for a few, you can use the -ExcludeDatabaseList option, along with a comma-separated list of database names to exclude.
Install-CsMirrorDatabase, all databases
For example, if you add the following option to except rtcab and rtcxds will be mirrored.
-ExcludeDatabaseList rtcab,rtcxds
Install-CsMirrorDatabase, only the rtcab, For example, if you add the following option to rtcshared, and rtcxds databases will be mirrored.
-DatabaseType User
REMOVING OR CHANGING SQL MIRRORING
To remove the SQL mirroring of a pool in Topology Builder, you must first use a cmdlet to remove the mirror in SQL Server. You can then use Topology Builder to remove the mirror from the topology. To remove the mirror in SQL Server, use the following cmdlet:
Uninstall-CsMirrorDatabase -SqlServerFqdn <SQLServer FQDN> -SqlInstanceName <SQLServer instance name> -DatabaseType <Application | Archiving | CentralMgmt | Monitoring | User | BIScaching | PersistentChat | PersistentChatCompliance> -DropExistingDatabasesOnMirror [-Verbose]
For example, to remove mirroring and drop the databases for the User databases, type the following:
Uninstall-CsMirrorDatabase -SqlServerFqdn primaryBE.contoso.com -SqlInstanceName rtc -Verbose -DatabaseType User -DropExistingDatabasesOnMirror
The -DropExistingDatabasesOnMirror option causes the affected databases to be deleted from the mirror.
Then, to remove the mirror from the topology, do the following:
Edit Properties.
In Topology Builder, right-click the pool and click
Enable SQL Store Mirroring and click OK.
Uncheck
Publish the topology.
IMPORTANT:
Whenever you make a change to a Back End Database mirroring relationship, you must restart all the Front End Servers in the pool. For a change in mirroring, (such as changing the location of a mirror), you must use Topology Builder to perform these three steps:
Remove mirroring from the old mirror server.
Add mirroring to the new mirror server.
Publish the topology.

REMOVING A MIRRORING WITNESS
Use this procedure if you need to remove the witness from a Back End Server mirroring configuration.
Edit Properties.
In Topology Builder, right-click the pool and click
Use SQL Server mirroring witness to enable automatic failover and click Uncheck
OK.
Publish the topology.
After publishing the topology. Topology Builder you will see a message that includes the following
Run the Uninstall-CsMirrorDatabase cmdlet to remove databases that are paired with following primary databases.
However, do not follow that step, and do not type Uninstall-CsMirrorDatabase as that would uninstall the entire mirroring configuration.
To remove just the witness from the SQL Server configuration, follow the instructions in "Remove the Witness from a Database Mirroring Session (SQL Server)" at http://go.microsoft.com/fwlink/p/?LinkId=268456.

Question 100
What should you do?
You need to configure the conferencing settings to support the conferencing requirements and the business requirements.
What should you do?
A. Modify the global conferencing policy. Create a site-level conferencing policy for the managers and a site-level conferencing policy for the executives.
B. Create a per-user conferencing policy for all users, a per-user conferencing policy for the managers, and a per-user conferencing policy for the executives.
C. Modify the global conferencing policy. Create a per-user conferencing policy for the managers and a per-user conferencing policy for the executives.
D. Create a site-level conferencing policy for all users, a site-level conferencing policy for the managers, and a per-user conferencing policy for the executives.

Correct Answer: C
Explanation/Reference:

Question 101
Which clients should you identify?
You are planning the implementation of the unified contact store. You need to identify which clients can be used to read the contact list and which clients can be used to modify the contact lists.
Which clients should you identify?
To answer, select the correct actions for each client in the answer area.

Correct Answer:

Table 1: Configuring Clients for Read and Modify Access

<table>
<thead>
<tr>
<th>Client</th>
<th>Read contact lists</th>
<th>Modify contact lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Outlook 2013</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Outlook Web App</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Lync 2010</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Lync 2013</td>
<td>☑</td>
<td>☑</td>
</tr>
</tbody>
</table>

Explanation/Reference:
http://support.microsoft.com/kb/2757458/en-us?fr=1
Question 102
Which three cmdlets should you identify?
Contoso is evaluating the implementation of push notifications for mobile devices.
You need to identify which tasks must be performed to enable the push notifications. Which three cmdlets should you identify? (Each correct answer presents part of the solution.
Choose three.)
A. New-CsAllowedDomain
B. Set-CsPublicProvider
C. New-CsHostingProvider
D. Set-CsPushNotificationConfiguration
E. Enable-CsPublicProvider
Correct Answer: ACD
Explanation/Reference:
CONFIGURING FOR PUSH NOTIFICATIONS
LYNC SERVER 2013
TOPIC LAST MODIFIED: 2013-02-12
Push notifications, in the form of badges, icons, or alerts, can be sent to a mobile device even when the mobile application is inactive. Push notifications notify a user of events such as a new or missed IM invitation and voice mail. The Lync Server 2013 Mobility Service sends the notifications to the cloud-based Lync Server Push Notification Service, which then sends the notifications to the Apple Push Notification Service (APNS) (for an Apple device running the Lync 2010 Mobile client) or the Microsoft Push Notification Service (MPNS) (for a Windows Phone device running the Lync 2010 Mobile or the Lync 2013 Mobile client).
Important:
If you use Windows Phone with Lync 2010 Mobile or Lync 2013 Mobile client, push notification is an important consideration.
If you use Lync 2010 Mobile or Apple devices, push notification is an important consideration. If you use Lync 2013 Mobile on Apple devices, you no longer need push notification. Configure your topology to support push notifications by doing the following:
If your environment has a Lync Server 2010 or Lync Server 2013 Edge Server, you need to add a new hosting provider, Microsoft Lync Online, and then set up hosting provider federation between your organization and Lync Online.
If your environment has an Office Communications Server 2007 R2 Edge Server, you need to set up direct SIP federation with push.lync.com.
Note:
Push.lync.com is a Microsoft Office 365 domain for Push Notification Service. Set-CsPushNotificationConfiguration cmdlet.
To enable push notifications, you need to run the By default, push notifications are turned off.
Test the federation configuration and push notifications.
TO CONFIGURE FOR PUSH NOTIFICATIONS WITH LYNC SERVER 2013 OR LYNC SERVER 2010 EDGE SERVER
Log on to a computer where Lync Server Management Shell and Ocscore are installed as a member of the RtcUniversalServerAdmins group.
Start, click All Programs, click Microsoft Lync
Start the Lync Server Management Shell: Click
Server 2013, and then click Lync Server Management Shell. Add a Lync Server online hosting provider. At the command line, type:
New-CsHostingProvider -Identity "unique identifier for Lync Online hosting provider" -Enabled $True -ProxyFqdn <FQDN for the Access Server used by the hosting provider> -VerificationLevel UseSourceVerification
For example:
New-CsHostingProvider -Identity "LyncOnline" -Enabled $True -ProxyFqdn "sipfed.online.lync.com" -VerificationLevel UseSourceVerification
Note:
You cannot have more than one federation relationship with a single hosting provider. That is, if you have already set up a hosting provider that has a federation relationship with sipfed.online.lync.com, do not add another hosting provider for it, even if the identity of the hosting provider is something other than LyncOnline.
Set up hosting provider federation between your organization and the Push Notification Service at Lync Online. At the command line, type:
New-CsAllowedDomain -Identity "push.lync.com"
TO CONFIGURE FOR PUSH NOTIFICATIONS WITH OFFICE COMMUNICATIONS SERVER 2007 R2 EDGE SERVER

Log on to the Edge Server as a member of the RtcUniversalServerAdmins group. Start, click All Programs, click Administrative Tools, and then click Computer Click Management.

Services and Applications, right-click Microsoft Office In the console tree, expand Communications Server 2007 R2, and then click Properties.

Allow tab, click Add.

On the Add Federated Partner dialog box, do the following:

In the Federated partner domain name, type push.lync.com.

In Federated partner Access Edge Server, type sipfed.online.lync.com.

In OK.

Click

TO ENABLE PUSH NOTIFICATIONS

Log on to a computer where Lync Server Management Shell and Ocscore are installed as a member of the CsAdministrator role.

Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Management Shell.

Enable push notifications. At the command line, type:

Set-CsPushNotificationConfiguration -EnableApplePushNotificationService $True -EnableMicrosoftPushNotificationService $True

Enable federation. At the command line, type:

Set-CsAccessEdgeConfiguration -AllowFederatedUsers $True

TO TEST FEDERATION AND PUSH NOTIFICATIONS

Log on to a computer where Lync Server Management Shell and Ocscore are installed as a member of the CsAdministrator role.

Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Management Shell.

Test the federation configuration. At the command line, type:

Test-CsFederatedPartner -TargetFqdn <FQDN of Access Edge server used for federated SIP traffic> -Domain <FQDN of federated domain> -ProxyFqdn <FQDN of the Access Edge server used by the federated organization>

For example:

Test-CsFederatedPartner -TargetFqdn accessproxy.contoso.com -Domain push.lync.com -ProxyFqdn sipfed.online.lync.com

Test push notifications. At the command line, type:

Test-CsMcxPushNotification -AccessEdgeFqdn <Access Edge service FQDN> For example:

Test-CsMcxPushNotification -AccessEdgeFqdn accessproxy.contoso.com

Question 103
Which server should you identify?
You need to identify on which server you can install the Microsoft Office Web Apps server component.
Which server should you identify?

A. Lync1.contoso.com
B. Server1.contoso.com
C. Exchange1.contoso.com
D. SQL1.contoso.com

Correct Answer: B
Explanation/Reference:

Question 104
What should you do?
You need to ensure that the Client Computers that have Office Communicator 2007 R2 installed can use IM and Presence and can join Web Conference Hosted on Lync Server 2013.
The solution must minimize Administrative effort.

What should you do?
A. Modify the Client Version Policy allow all versions of office Communicator 2007 R2 to connect
B. Implement Communicate Web Access Server
C. Apply the latest hot fixes to Office Communicator 2007 R2.
D. Update the computers to Lync 2010

Correct Answer: D
Explanation/Reference:

Question 105
Which name should you recommend using?
You are evaluating the implementation the second Front End Server. You need to recommend which common name must be used for the certificate that will be installed on Lync2.
Which name should you recommend using?

A. *.contoso.com
B. lync2.contoso.com
C. lyncdiscover.contoso.com
D. pool1.contoso.com

Correct Answer: D
Explanation/Reference:
The common name or SN of any Front End Server Certificate is the Pool Name.
Question 106
Which two tasks should be performed to meet the administrative requirements for Tech1?
Which two tasks should be performed to meet the administrative requirements for Tech1? (Each correct answer presents part of the solution. Choose two.)
A. Modify the permissions of the RTCUniversalServerAdmins group.
B. Run the New-CsAdminRole cmdlet.
C. Run the Update-CsAdminRole cmdlet.
D. Create a new universal security group and add Tech1 to the group.
E. Create a new global security group and add Tech1 to the group.

Correct Answer: BD
Explanation/Reference:
“To create a new role, you must first create a universal security group in Active Directory Domain Services that shares a name with the role;”

Question 107
Which three names should you identify?
You are evaluating the implementation of a reverse proxy for Contoso.
You plan to create a certificate for the reverse proxy.
You need to identify which names must be included in the certificate.
Which three names should you identify? (Each correct answer presents part of the solution. Choose three.)
A. lyncdiscover.contoso.com
B. lyncdiscoverinternal.contoso.com
C. meet.contoso.com
D. pool1.contoso.com
E. edge.contoso.com
F. webext.contoso.com

Correct Answer: ACF
Explanation/Reference:
webext is the Subject Name and the Alternative Name with meet and lyncdiscover also listed as Alternative Names

Question 108
Which three possible recommendations should you include in the solution?
You need to recommend a solution to resolve the audio issues for the users in the Boston office.
Which three possible recommendations should you include in the solution? (Each correct answer presents a complete solution. Choose three.)
A. user services
B. Quality of Service (QoS)
C. Call Admission Control (CAC)
D. a location policy
E. a conferencing policy

Correct Answer: BCE
Explanation/Reference: