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A Composite Solution With Just One Click

# Microsoft

**74-338 PRACTICE EXAM**

**Lync 2013 Depth Support Engineer Exam**

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### **Question: 1**

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You are a member of the CsAdministrator group that supports the datacenter for the Contoso company. The Contoso datacenter runs Microsoft Lync Server 2013. The Central Management Store is hosted on the principal back-end database. The back-end database is configured to use synchronization mirroring without a witness. You want to perform maintenance on the principal back-end database. You need to failover the mirrored database. What should you do?

- A. Run the Reset-CsPoolRegistrarState cmdlet.
- B. Run the Get-CsDatabaseMirrorState cmdlet, and then run the Invoke-CSManagementServerFailover PowerShell cmdlet.
- C. Run the Invoke-CsPoolFailover PowerShell cmdlet.
- D. Run the Test-CsDatabase cmdlet, and then run the Get-CsUserDatabaseState cmdlet.

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**Answer: B**

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### **Question: 2**

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You support a customer whose network environment includes Microsoft Lync 2013 deployed in a datacenter that has two pools, named PoolA and PoolB. Both PoolA and PoolB have Microsoft Lync Server 2013 installed. You use the Lync Management Shell for all administrative actions. You run the Invoke-CsPoolFailover PowerShell cmdlet and you receive the following message:

Invoke-CsPoolFailOver: This Front-end pool "poolA.contoso.com" is specified in topology as the next hop for the Edge server. Failing over this pool may cause External access/Federation/Split-domain/XMPP features to stop working. Please use Topology Builder to change the Edge internal next hop setting to point to a different Front-end pool, before you proceed.

You need to fail over PoolA only.

What should you do?

- A. Run the Get-CsDatabaseMirrorState cmdlet, and then run the Invoke-CSManagementServerFailover PowerShell cmdlet.
- B. Run the Set-CsAccessEdgeConfiguration cmdlet.
- C. Run the Set-CsEdgeServer PowerShell cmdlet.
- D. Run the Set-CsAVEdgeConfiguration cmdlet

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**Answer: C**

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### **Question: 3**

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You are a member of the CsAdministrator group that supports the Microsoft Lync datacenter for the Contoso company. The datacenter consists of one pool that is running Lync 2013. Contoso has a second Active Directory Domain Services (AD DS) site with a domain controller. The Lync server pool fails. You need to recover the Central Management Store (CMS) and users. Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

- A. Run the Invoke-CsPoolFailover cmdlet.
- B. Run the New-CsRegistrarConfiguration cmdlet.
- C. Run the Install-CsDatabase and Move-CsManagementServer cmdlets.

Level	Date and Time	Source	Event ID	Task Category
Information	1/29/2013 5:24:08 AM	LS Storage Service	30054	(4096)
Warning	1/29/2013 5:27:46 AM	LS Data Collection	56209	(2271)
Error	1/29/2013 5:40:02 AM	LS Outbound Routing	46009	(1038)
Error	1/29/2013 5:39:46 AM	LS Exchange Unified M...	44009	(1040)
Information	1/29/2013 5:39:07 AM	LS Outbound Routing	46027	(1038)
Error	1/29/2013 5:38:02 AM	LS Outbound Routing	46026	(1038)
Error	1/29/2013 5:38:02 AM	LS User Store Sync Agent	46046	(1038)
Information	1/29/2013 5:31:24 AM		57004	(1061)

- D. Run the Move-CsDatabase and Set-CsManagementServer cmdlets.  
E. Create a Backup pool.

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**Answer: ACE**

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#### Question: 4

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You support a Microsoft Lync Server 2013 environment. The network includes:

- An Enterprise Edition Front End Pool with two Front End Servers,
- A mediation server that is collocated on the Front End Server, and
- A media gateway with 4 T1 trunks for public switched telephone network (PSTN) connectivity.

Users report intermittent outbound PSTN call failures. There are no issues with inbound PSTN calls. You view the event log information as shown in the exhibit. (Click the Exhibit button.)

You need to find out why outbound calls are failing. Which two event IDs should you investigate? (Each correct answer presents a complete solution. Choose two.)

- A. 44009
- B. 46009
- C. 46026
- D. 46027

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**Answer: BD**

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#### Question: 5

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You are a member of the CsAdministrator group that supports the Microsoft Lync 2013 datacenter for the Contoso company. The Contoso datacenter has 65,000 users. The datacenter has two pools, named ConPool01 and ConPool02. Both pools run Microsoft Lync Server 2013. The Central Management Store is hosted on ConPool01. The servers that run ConPool01 suffer a catastrophic failure. You want users hosted on ConPool01 to be supported permanently on ConPool02. You need to fail over ConPool01. What should you do?

- A. Run the Set-CsConfigurationStoreLocation cmdlet.
- B. Run the Install-CsDatabase PowerShell cmdlet, and then the Move-CsManagementServer cmdlet.
- C. Run the Invoke-CsPoolFailover PowerShell cmdlet.
- D. Run the Get-CsDatabaseMirrorState cmdlet, and then the Invoke-CSManagementServerFailover PowerShell cmdlet.

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**Answer: D**

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#### Question: 6

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You administer a Microsoft Lync Server 2010 Standard Edition server in your network environment. You deploy a

```

TL_INFO(TF_PROTOCOL) [0]186C.1D2C:[0/1/2013-15:53:09.653.0.000e9f0e
(SIPStack, SIPAdminLog):ProtocolRecord::Flush(2387.idx(196)) [1276691436] $Begin_record
TraceCorrelation-Id: 1276691436
Trace-Id: 1276691436
Direction: outgoing;source="local"
Peer: xxx.com:61102
Message-Type: response
Start-Line: SIP/2.0 500 failedLookupForConferenceDirectoryOwner
From: xxx;epid=850A80F7;tag=6cfcaaa471
To: xxx;gruu;opaque=app:conf:focusfactory;/tag=812FED17BBA0CC9F4D1943C1B682DD0E
Content-Type: application/cccp+xml
Ms-diagnostics: 3193;reason="Could not find a front end server that owns the given psrn meetind id.";source=xxx
Message-Body:
- <response xmlns="urn:ietf:params:xml:ns:cccp"
    requestid="32"
    CSVVersion="1"
    from="sip:xxx;gruu;opaque=app:conf:focusfactory"
    to="sip:xxx"
    code="failure"></response>
<addConference reason="otherFailure">
</Send_record>
```

generate a log that includes the following information:

You want to migrate users from Lync Server 2010 to Lync Server 2010 to Lync Server 2013. You start the Lync 2013 client on one of modalities. During testing, you decide to test the Meet Now s a conference and fails to connect. You start Clslogging.exe. You generate a log that includes the following information:

You need to identify the cause of the issue. What should you do first?

- Open another log file from the Lync client in Snooper.
- Right-click the error message and select Go to nearest entry in trace viewer.
- Start WireShark and perform the Meet Now test again.
- Click Show Call Flow Window.

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**Answer: B**

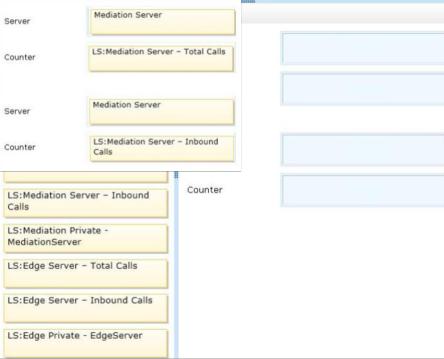
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## Question: 7

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### DRAG DROP

You support a Microsoft Lync Server 2013 environment. A customer reports that they are receiving alerts from the voice gateway and that outbound calls are failing due to no trunks being available. You need to diagnose the issue. You decide to collect performance counters to determine the reason that calls are failing. Which Performance Monitor counter or counters should you select, on which server or servers? (To answer, drag the appropriate counter and server to the correct location or locations in the Solution area. Each voice counter and server may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



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**Answer:**

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**Question: 8**

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You deploy Microsoft Lync Server 2013 Enterprise Edition and create a pool named Lync2013pool.Contoso.local. You configure the Lync admin URL to be admin.contoso.local. The Front End and Back End roles are installed on servers

```
_sipinternalts._tcp.contoso.local SRV priority 0, weight 0,  
port 5061, lync2013pool.contoso.local  
Dialin A 192.168.10.10  
FE2013 A 192.168.10.10  
BE2013 A 192.168.10.11
```

named FE2013 and BE2013.

You attempt to open the Lync Server Control Panel and you receive an error message. You need to be able to open the Lync Server Control Panel. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create the following DNS A record:

lyncdiscoverinternal.contoso.local A 192.168.10.10

B. Create the following DNS A record:

admin.contoso.local A 192.163.10.10

C. Create the following DNS A record:

Meet.contoso.local A 192.168.10.10

D. Create the following DNS SRV record:

\_sipinternal.\_tcp.contoso.local SRV priority 0, weight 0, port 5061 lync2013pool.contoso.local

E. Create the following DNS A record:

lync2013pool.contoso.local A 192.168.10.10

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**Answer: BE**

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### **Question: 9**

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#### **DRAG DROP**

You deploy a Microsoft Lync Server 2013 Enterprise pool named Lync2013.contoso.local. The pool is configured with the Session Initiation Protocol (SIP) domain litware.com.

The environment includes the following:

- a Front End Server named Lync2013FE1
- a Back End Server named Lync2013BE
- an Edge Server named Lync2013Edge that is a member of Edge pool Edgepool.contoso.local

Your Lync 2013 topology supports the following access, meeting, administration, and external web service URLs:

- <https://Dialin.litware.com>
- <https://Meet.litware.com>
- <https://Admin.contoso.local>
- <https://external.litware.com>

You want to support external Lync Web App clients.

You plan to publish Lync 2013 HTTP Web services through a reverse proxy.

You need to issue a certificate to publish Lync 2013 Web services through a reverse proxy firewall.

Which three steps should you perform 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.)

Answer Area	
Install the certificate on reverse proxy firewall.	
Create a publishing rule on the reverse proxy firewall to forward requests to the Front End Server.	
Create a publishing rule on the reverse proxy firewall to forward requests to the Edge Server.	
Request a public certificate and include the names: <ul style="list-style-type: none"><li>• Sipexternal.litware.com</li><li>• Lync2013.contoso.local</li><li>• Edgepool.contoso.local</li><li>• Dialin.litware.com</li><li>• Meet.litware.com</li></ul>	
Install the certificate on the external interface of the Edge Server.	
Request a public certificate and include the names: <ul style="list-style-type: none"><li>• Sipexternal.litware.com</li><li>• Autodiscover.litware.com</li><li>• Edgepool.contoso.local</li><li>• Dialin.litware.com</li><li>• Meet.litware.com</li></ul>	
Install the certificate on the internal interface of the Edge Server.	
Request a public certificate and include the names: <ul style="list-style-type: none"><li>• External.litware.com</li><li>• Meet.litware.com</li><li>• Dialin.litware.com</li><li>• Lyncdiscover.litware.com</li></ul>	

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**Answer:**

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Answer Area	
Install the certificate on reverse proxy firewall.	Create a publishing rule on the reverse proxy firewall to forward requests to the Edge Server.
Create a publishing rule on the reverse proxy firewall to forward requests to the Front End Server.	Request a public certificate and include the names: <ul style="list-style-type: none"><li>• Sipexternal.litware.com</li><li>• Autodiscover.litware.com</li><li>• Edgepool.contoso.local</li><li>• Dialin.litware.com</li><li>• Meet.litware.com</li></ul>
Request a public certificate and include the names: <ul style="list-style-type: none"><li>• Sipexternal.litware.com</li><li>• Lync2013.contoso.local</li><li>• Edgepool.contoso.local</li><li>• Dialin.litware.com</li><li>• Meet.litware.com</li></ul>	Request a public certificate and include the names: <ul style="list-style-type: none"><li>• External.litware.com</li><li>• Meet.litware.com</li><li>• Dialin.litware.com</li><li>• Lyncdiscover.litware.com</li></ul>
Install the certificate on the external interface of the Edge Server.	
Install the certificate on the internal interface of the Edge Server.	

### **Question: 10**

You are a member of the CsAdministrator group that supports the Lync datacenter for your company. The datacenter consists of one pool that is running Microsoft Lync Server 2013. You deploy SQL Mirroring. The principal server fails and you are unable to perform a manual failover for more than an hour. Users are placed into resiliency mode. You need to ensure that failover occurs automatically and without administrator intervention. What should you do?

- A. Configure a backup registrar.
- B. Configure SQL Mirroring with a witness.
- C. Deploy a Survivable Branch Server (SBS).
- D. Deploy a Survivable Branch Appliance (SBA).

**Answer: B**

### **Question: 11**

You support a Microsoft Lync Server 2013 Enterprise pool deployed in a high availability configuration for Back End Servers named Backend 1 and Backend2. You execute the Get-CSDatabaseMirrorState cmdlet and discover the following errors.

WARNING: Cannot connect to database server "BackEnd2.contoso.com".  
Message: A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: Named Pipes Provider, error: 40 - Could not open a connection to SQL Server)

```
DatabaseName          : rtcab
StateOnPrimary        : Principal
StateOnMirror         : StatusUnavailable
MirroringStatusOnPrimary : synchronized
MirroringStatusOnMirror :
```

```
DatabaseName          : rtccxs
StateOnPrimary        : Principal
StateOnMirror         : StatusUnavailable
MirroringStatusOnPrimary : synchronized
MirroringStatusOnMirror :
```

You need to resolve the connectivity issue and bring up the mirror databases to the synchronized state between the Back End Servers. What should you do?

- A. From the mirror Back End Server, create the inbound rule on the firewall.
- B. From the Front End Server, create the inbound rule on the firewall.
- C. Run the Test-CsDatabase cmdlet.
- D. Run the Invoke-CsPoolFailOver cmdlet.

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**Answer: C**

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## Question: 12

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You support a Microsoft Lync Server 2013 Enterprise pool named Lync2013.contoso.local. The pool is configured with two Session Initiation Protocol (SIP) domains named litware.com and fabrikam.com. The environment also includes the following:

- three Front End Servers named Lync2013FE1, Lync 2013FE2, and Lync2013FE3
- one Back End Server named Lync2013BE

You plan to install a single Edge Server. You create an Edge pool named Lync2013Edge.contoso.local. You want to configure the following Edge services:

- Access Edge to use sip.fabrikam.com
- Web Conferencing to use conf.fabrikam.com

You also want to enable the federated access feature.

You need to assign internal and external certificates to the Lync 2013 Edge server.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A.
  - Request a private certificate from an internal certificate authority (CA) and include the name Lync2013Edge.contoso.local.
  - Assign the certificate to internal interface of the Edge Server.
- B.
  - Request a wildcard certificate for \*.contoso.local from an internal certificate authority (CA).
  - Assign the certificate to internal and external interfaces of the Edge Server.
- C.
  - Request a certificate from a public certificate authority (CA) and include the names sip.fabrikam.com, sip.litware.com, and conf.fabrikam.com.
  - Assign this certificate to the external interface of the Edge Server.

- D.
- Request a certificate from a public certificate authority (CA) and include the names Lyncdiscoverexternal.fabrikam.com and sipfederation.fabrikam.com.
  - Assign the certificate to internal and external interfaces of the Edge Server.
- E.
- Request a certificate from a public certificate authority (CA) and include the names sip.fabrikam.com and sip.litware.com.
  - Assign this certificate to the internal interface of Edge Server.

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**Answer: AC**

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### **Question: 13**

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You support a customer whose network environment includes Microsoft Lync Server 2013 Standard Edition and Edge Servers. You create a group named HelpDesk. You need to grant the minimum level of permissions necessary for members of HelpDesk to be able to enable or disable Lync users. What should you do?

- A. Assign the CsServerAdministrator role to HelpDesk members.
- B. Assign the CsAdministrator role to HelpDesk members.
- C. Add HelpDesk members to the group RTCUniversalServersAdmins.
- D. Assign the CsUserAdministrator role to HelpDesk members.

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**Answer: D**

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### **Question: 14**

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#### **DRAG DROP**

You support a Microsoft Lync Server 2013 environment for a customer named Litware, Inc. The worldwide network includes the following:

- 15,000 Enterprise Voice enabled users
- three Front End pools with three Front End Servers in each pool
- three Edge Server pools with two Edge Servers in each pool
- two Group Chat pools with two Group Chat Servers in each pool
- 20 Survivable Branch Appliances (SBAs) deployed at various offices

Of the 15,000 users, 6,000 have Polycom CX600 phones on their desks. Each pool has redundant session initiation protocol (SIP) trunk settings with a local SIP trunk provider at its respective pool. An executive assistant receives a call from a customer. He puts the call on hold and calls the executive. After he talks to the executive, he transfers the call to the executive. The executive assistant reports that the call fails to transfer, and that he gets the call back. This results in him taking a message. Based on this user report, you perform the following actions:

1. Start the ClsController.exe with only one Front End pool selection.
2. Make a call from your mobile phone to a CX600 desk phone named DeskPhone1.
3. Answer the incoming call by using DeskPhone1 and put the call on hold.
4. From DeskPhone1, dial the number of a second CX600 phone named DeskPhone2.
5. Answer the incoming call by using DeskPhone2.
6. From DeskPhone1, transfer the call that you have on hold.

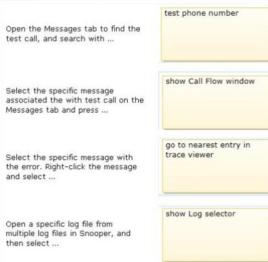
After you attempt to transfer the call from DeskPhone1 to DeskPhone2, you observe that the call failed to transfer and returned back to DeskPhone1. You generate a Lync.log file. You need to identify the problem by using the quick search capabilities of the Snooper tool. Which action should you perform for each troubleshooting activity? (To answer, drag the appropriate action to the correct troubleshooting activity or activities. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



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**Answer:**

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**Question: 15**

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You plan to deploy a Microsoft Lync Server 2013 Enterprise server by using a side-by-side upgrade from Office Communication Server (OCS) 2007 R2.

You perform the following actions:

- Complete the schema updates, forest update, and domain update.
- Define and connect the Lync Server 2013 topology to OCS 2007 R2 by using topology builder.
- Deploy Front End Pool, Director Pool, Persistent Chat Pool, and Edge Pool.

The Lync Server 2013 environment is using the OCS 2007 R2 Mediation Server and associated PSTN gateway for PSTN inbound and outbound calls.

You want to test the Lync Server 2013 server for inbound, outbound, and dial-in conference calls from a test computer that is located in a customer's office. Your access to the customer network is restricted to Lync Servers, OCS servers, and some test computers.

During inbound, outbound, and dial-in conference calls, you encounter problems with media. The calls have significant jitter and packet loss. Calls are intermittently disconnecting. You need to determine the cause of these problems. What should you do?

- A. Run the ClsController.exe command and select the Incomingand OutgoingCalls scenario on the Front End Server.
- B. Run a protocol analyzer on the Public Switched Telephone Network (PSTN) gateway.
- C. Run NetMonitor on the Edge Server.
- D. Run NetMonitor on the Mediation Server.

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**Answer: D**

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**Question: 16**

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Operating system	Windows XP SP3
Default browser	Internet Explorer 8
Lync Web App Audio/Video	Not installed
Active X Plugin	Not installed
Silverlight	Not installed

You support a customer whose Microsoft Lync Server 2013 environment includes:

- a single Standard Edition Server,
- a single consolidated Edge Server, and
- a single Forefront Threat Management Gateway 2010 server that is acting as an HTTP(S) reverse proxy.

Client computers are configured as shown in the following table:

Some users report that they are unable to participate in audio/video conferences by using the Lync Web App. You need to ensure that users are able to participate in audio/video conferences by using the Lync Web App. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Install Microsoft Silverlight.
- B. Upgrade the operating system to Windows 7 Professional.
- C. Install the Lync Audio/Video ActiveX Plugin.
- D. Extract the MSI from the executable and run the install.

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**Answer: B, C**

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### **Question: 17**

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You support a customer whose network environment includes Microsoft Lync Server 2013 Standard Edition. Your customer plans to enable sharing of Microsoft PowerPoint content in Lync meetings. You enable the Office Web Apps Server discovery URL in the Lync Topology. You need to verify that Lync Server 2013 enables PowerPoint content. What should you do?

- A. Check the Event Log of the Front End pool server.
- B. Check the Lync Server Control Panel.
- C. Check the Event Log of the Office Web Apps server.
- D. Verify the connection to the Office Web Apps Discovery URL in a web browser.

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**Answer: A**

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### **Question: 18**

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You support a customer's Microsoft Lync Server 2013 environment. Your customer has granted User1 Conferencing Policy A, and User2 Conferencing Policy B. When User2 joins a video conference that is hosted by User1, User2 sees only a single video window, while other users who are joined to the same conference see up to five concurrent video streams. You need to configure the environment to allow User2 to view multiple concurrent video streams. You need to achieve the goal with the fewest changes to the environment. Which cmdlet should you run?

- A. Get-CSConferencingPolicy -Identity 'Conferencing Policy B' | Set-CSConferencingPolicy -EnableMultiViewJoin \$True
- B. Get-CSConferencingPolicy -Identity 'Conferencing Policy B' | Set-CSConferencingPolicy -AllowMultiView STrue
- C. Set-CSClientPolicy - EnableFullScreenVideo \$True
- D. Set-CSClientPolicy - EnableMediaRedirection STrue

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**Answer: A**

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**Question: 19**

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You support a customer whose Microsoft Lync Server 2013 environment consists of:

- A single Lync Server 2013 Standard Edition pool that is located in a main office, and
- Four branch offices that are connected by a 3MB dedicated wide area network (WAN) link, each of which has 100 users.

Users in the branch offices report poor quality audio during conferences that are hosted on Lync. The client has taken the following steps:

- Implement Quality of Service (QoS) and Call Admission Control (CAC).
- Provision policy-based QoS for your Lync media traffic.
- Enable CAC from the Lync Server 2013 Control Panel.
- Define the main office and each branch office as a site and associate its subnets.
- Poor audio quality persists.

You ask your customer to provide the output of running the Get-CsNetworkSite cmdlet.

The relevant portion of the results includes:

```
C\...\Get-CeNetworkSite
Identity : DataCenter1
NetworkSiteID : DataCenter1
Description :
NetworkRegionID : Corporate
BypassID : bcc4b6e-1874-456d-89eb-b57dac78a2be
BWPolicyProfileID :
LocationPolicy :

Identity : DataCenter2
NetworkRegionID : DataCenter2
Description :
NetworkRegionID : Corporate
BypassID : 2b18787d-699e-44d0-9ee6-d57e4edda60d
BWPolicyProfileID :
LocationPolicy :

Identity : Redmond
NetworkRegionID : Redmond
Description :
NetworkRegionID : Corporate
BypassID : 36b4aaddc-4e96-440c-aaf8-00bc22607493
BWPolicyProfileID :
LocationPolicy :

Identity : London
NetworkRegionID : London
Description :
NetworkRegionID : Corporate
BypassID : 8c207f05-4deb-42c6-bb2a-78e39fe84ec0
BWPolicyProfileID :
LocationPolicy :C:\...\
```

You need to improve the audio quality in your environment. What should you do?

- A. Create a bandwidth policy profile with an Audio Session Limit of 40 Kbps and an Audio Limit of 3 MB and assign the profile to each branch site.
- B. Create a bandwidth policy profile with an Audio Session Limit of 40 Kbps and an Audio Limit of 1 MB and assign the profile to each branch site.
- C. Create a region route to route network traffic between the Lync network sites that you created.
- D. Create a bandwidth policy profile with an Audio Session Limit of 40 Kbps and assign the profile to the central site.

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**Answer: B**

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**Question: 20**

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You support a customer whose Microsoft Lync Server 2013 Enterprise environment that is configured with Enterprise

Voice and Dial-in Conferencing. You remove the server that is hosting the File Store by using the Lync Topology Builder. You add and define a new file server and publish the topology. Conference attendees report that they no longer hear their names played when they join or leave a conference. You need to ensure that conference attendees hear their names played when they join or leave a conference. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Run the Test-CsDialInConferencing cmdlet.
- B. Restart the Conferencing Attendant application.
- C. Run the Set-CsDialinConferencingConfiguration cmdlet.
- D. Restart the Conferencing Announcement application.

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**Answer: BD**

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### **Question: 21**

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You support a customer's Microsoft Lync Server 2013 environment. Users regularly host online meetings in which participants use the MultiView video feature in Lync Server 2013. All clients use the Lync 2013 client and are located in the headquarters site as well as a branch site. The network team reports high bandwidth utilization by Lync for these conferences. You need to find a potential cause of the high bandwidth use. Which cmdlet should you run from the Lync Server Management Shell?

- A. Get-CsClientPolicy
- B. Get-CsVoicePolicy
- C. Get-CsConferencingPolicy
- D. Get-CsMediaConfiguration

---

**Answer: C**

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### **Question: 22**

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You support a Microsoft Lync Server 2013 environment that consists of one Enterprise pool on a Front End Server. Internal and external users cannot join online meetings using the Lync 2013 Lync Web App. The same users are able to join online meetings by using the Lync 2013 client. You need to diagnose the cause of the meeting join issues. Which cmdlet should you run from the Lync Server Management Shell?

- A. Test-CsMcxConference
- B. Set-CsWebService, with the AllowAnonymousAccessToLWAConference parameter
- C. Test-CsUcwaConference
- D. Test-CsAsConference

---

**Answer: C**

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### **Question: 23**

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You support a customer whose Microsoft Lync Server 2013 Enterprise Pool is configured with Enterprise Voice and Dial-in Conferencing. All client computers run Windows 7 or Windows 8. Many users dial in to conferences and share Microsoft PowerPoint presentations. The server that hosts the conferencing pool is experiencing technical difficulties that are causing conferences to fail. You create a new Lync server and migrate users to this pool. You need to ensure that dial-in conference Uniform Resource Identifier (URI) addresses are maintained. Which cmdlet should you run?

- A. Update-CsConferenceDirectory
- B. Move-CsConferenceDirectory
- C. Import-CsLegacyConferenceDirectory
- D. Export-CsConferenceDirectory

---

**Answer: B**

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### **Question: 24**

You support a customer whose network environment includes a Microsoft Lync Server 2013 Enterprise Pool that is configured with Enterprise Voice and Dial-in Conferencing. All client computers run Windows 7 or Windows 8. You configure the following group policies to apply Quality of Service (QoS) for audio and video to the organizational unit (OU) that contains the Lync 2013 Conferencing servers:

- Audio: DSCP port 46 and port range: 57000:59152
- Video: DSCP port 34 and port range: 60501:65535

You need to create a QoS for Application Sharing.

What should you do?

- A. Create a group policy, assign a Differentiated Services Code Point (DSCP) value of 24, and configure the policy to use ports 57500:58500.
- B. Create a group policy, assign a Differentiated Services Code Point (DSCP) value of 34, and configure the policy to use ports 57500:58500.
- C. Create a group policy, assign a Differentiated Services Code Point (DSCP) value of 46, and configure the policy to use ports 40803:49151.
- D. Create a group policy, assign a Differentiated Services Code Point (DSCP) value of 24, and configure the policy to use ports 40803:49151.

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**Answer: D**

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### **Question: 25**

You support a customer whose network environment includes Microsoft Lync Server 2013 Standard deployed with an Edge Server that is connected to the Internet. Your customer currently has Lync Online configured for Hybrid mode with Office 365. You need to help your customer enable the Office Web Apps Server for users who are using on-premise Lync. What should you do?

- A. Install a Microsoft Web Access Companion Server (WAC) server on premise and configure the Lync Topology.
- B. Install Microsoft Web Access Companion Server (WAC) server components on Lync Pool Server.
- C. Configure Office 365 SharePoint Online URL in the Lync Topology.
- D. Configure Office 365 Microsoft Web Access Companion Server (WAC) URL in the Lync Topology.

---

**Answer: A**

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### **Question: 26**

You support a Microsoft Lync Server 2013 environment that includes:

- a single Standard Edition server,
- a single consolidated Edge Server, and

- a single Forefront Threat Management Gateway 2010 server that is acting as an HTTP(s) reverse proxy.
- Remote users report that the company logo isn't being displayed alongside the text in their Online Meeting invites. You need to find out why the logo is not being retrieved.
- Which two actions should you perform? (Each correct answer presents a part of the solution. Choose two.)

- A. Using a test client outside the corporate network, use an HTTP tracing tool to debug the traffic.
- B. Using a test Client inside the corporate network, use an HTTP tracing tool to debug the traffic.
- C. From the Lync Server Management Shell, execute the Get-CSMeetingConfiguration | FL Identity,LogoURL cmdlet.
- D. From the Lync Server Management Shell, execute the Get-CSWebServiceConfiguration | FL Identity,LogoURL cmdlet.
- E. Using the Lync Server 2013 Logging Tool, debug traffic on the Lync Server 2010 Edge Server.

---

**Answer: A, C**

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### **Question: 27**

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You deploy a Microsoft Lync Server 2013 Enterprise Pool that is configured with Enterprise Voice and Dial-in Conferencing. All client computers run Windows 8. Users regularly use the Lync client to demonstrate new programs. A user reports that she is unable to select any Windows Store app program to demonstrate. You need to ensure that Lync users are able to demonstrate Windows Store app programs. What should you do?

- A. Using the Set-CsConferencingPolicy cmdlet, enable the EnableMultiview Join setting.
- B. Using the Set-CsConferencingPolicy cmdlet, enable the AllowMultiView setting.
- C. Instruct the user to change to desktop display.
- D. Instruct the user to change the resolution of the display.

---

**Answer: C**

---

### **Question: 28**

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Your customer's Microsoft Lync Server 2013 environment is configured according to the following:

- Firewalls block all traffic between user subnets.
- Security policy prohibits any changes to firewall rules between user subnets.

The customer reports that:

- Users can share their desktop with others on the same subnet.
- Users are unable to share their desktop between users on different subnets.

You need to ensure that users can share their desktops between subnets.

What should you do?

- A. On the client computers, add an exception in Windows Firewall.
- B. Disable Windows Firewall on the Front End Server.
- C. Change the port range for Lync traffic.
- D. Have the firewall team open media ports between each user subnet and the Edge server.

---

**Answer: D**

---

### **Question: 29**

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You support a customer whose network environment includes a Microsoft Lync Server 2013 Enterprise Pool

configured with Enterprise Voice and dial-in conferencing. All servers run Windows Server 2012, and all client computers run Windows 7 64-bit. All users dial in to conferences. Users report that dial-in conferencing settings are not consistent between sites, and that this is affecting their conferencing experience. You need to ensure that dial-in conferencing settings are consistent between all Lync sites. What should you do?

- A. Run the Remove-CSDialInConferencingConfiguration cmdlet against the global dial-in conferencing settings.
- B. Modify the global settings, and then run the Remove-CSDialInConferencingConfiguration cmdlet against each site.
- C. Run the Move-CsConference Directory cmdlet.
- D. Run the Remove-CsConferenceDirectory cmdlet.

---

**Answer: B**

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### **Question: 30**

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Your customer's company has a main office and five branch offices located in different cities. Your customer has a Microsoft Lync Server 2013 datacenter configured with Enterprise Voice at the main office. The customer has deployed a Survivable Branch Appliance (SBA) at the first branch office and connected it to a public switched telephone network (PSTN) by using a T1 trunk line provided by your service provider. The gateway is configured to use fully qualified domain names (FQDNs). All functionality has been tested by using pilot users at the branch office. The customer reports that they tested branch isolation by disconnecting the wide area network (WAN) from their branch office and making an outbound call. The call was successful. Next, they made an inbound call to the branch office and the call failed. To troubleshoot the issue, you begin a trace of IncomingAndOutgoingCalls by using centralized logging, and make an inbound call. You open the log in snooper and search for incoming calls with the phone number from which you are calling. You do not find any messages. You open the syslog from the gateway side of the SBA and discover that messages are sent to the Lync Mediation server pool, but no responses have been received. You connect the WAN from the branch office and make an inbound call. The call is successful. Your investigation suggests that there is a configuration error on the Gateway side of the SBA. You need to identify the configuration error that causes inbound calls to fail. What should you check?

- A. The domain controller at the branch office
- B. DNS settings on the gateway
- C. Route settings of the gateway
- D. Dynamic Host Configuration Protocol (DHCP) options on the branch DHCP server

---

**Answer: B**

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### **Question: 31**

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You support a customer whose network environment includes Microsoft Lync Server 2013 deployed at two sites. Each site has 1 Mbps of available bandwidth on a multiprotocol label switching (MPLS) network. Lync-to-Lync calls are getting dropped, and voice quality is degraded using RT Audio WB codec with 100 simultaneous calls. Call admission control (CAC) is not being used. You need to ensure that the RT Audio WB codec is maintained for Lync voice communication without over-allocating- What is the minimum amount of bandwidth you should specify for each site?

- A. 2 Mbps
- B. 3 Mbps
- C. 6 Mbps
- D. 12 Mbps

---

**Answer: C**

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### **Question: 32**

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You support a customer whose network environment includes Microsoft Lync Server 2013 servers, an Active Directory Domain Services (AD DS) domain, and Microsoft Exchange 2010. All client computers have Lync 2013 and Outlook 2010 installed. You deploy USB-tethered Lync Phone Edition devices for a group of users. Users are able to access all dialing features, calendar, and contacts. Users report that the Call Logs feature is unavailable for them. You need to make Call Logs available to all users. What should you do?

- A. Configure Lync Phone Edition devices to use only client certificate authentication.
- B. Add an Exchange Autodiscover SRV record to the company DNS servers.
- C. Configure the Lync Phone Edition devices to use only PIN authentication.
- D. Add the Exchange Unified Messaging server role to the Exchange organization.

---

**Answer: D**

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### **Question: 33**

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You support a customer whose network environment includes Microsoft Lync Server 2013 servers. All of the company servers are located in the company datacenter. All users have Lync 2013 installed on their local computers. You deploy a virtual desktop infrastructure (VDI) environment to a pilot group of users. You install the Lync VDI plug-in and plug Lync compatible devices to the users' computers. Users report that Lync 2013 fails intermittently when pairing with the Lync VDI plug-in. You need to ensure reliable access to Lync 2013 for this pilot group of users. What should you do?

- A. Run Windows 7 Service Pack 1 or higher on the local computers.
- B. Set EnableMediaRedirection to \$FALSE for all VDI users.
- C. Configure the remote desktop client settings so that audio plays on the local computer and remote recording is disabled.
- D. Uninstall Lync 2013 from the local users' computers.

---

**Answer: D**

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### **Question: 34**

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You support a customer whose network environment includes Microsoft Lync Server 2013. A user reports that when he attempts to dial out to a public switched telephone network (PSTN) number, he receives the following message: "Your organization does not support calling this number." All other users are able to call the same number. You verify that the user is able to dial other Lync users in the network. You need to ensure that the user is able to dial out to PSTN numbers. What should you do?

- A. Modify the voice policy for this user for PSTN usage.
- B. Make sure the session initiation protocol (SIP) provider is sending the invite to a Mediation Server.
- C. Open outbound TCP port 5061 on the user's computer.
- D. Change the associated normalization rule in the dial plan policy.

---

**Answer: A**

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### **Question: 35**

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```
Capture device: Headset Microphone
Render device: Headset Earphone
Microphone timestamp error: 0.02ms
Echo percent microphone in: 15.21%
Codec: SIREN
Audio FEC: False
Packet utilization: 32701
Avg. packet loss rate: 0.21%
Avg. jitter: 23ms
Avg. round trip: 867ms
Avg. network MOS: 3.71
Avg. network MOS degradation (jitter): 0.00%
Avg. sending MOS: 2.97
Avg. listening MOS: 3.17
Receive noise level: -56dBmV
```

You support a customer whose company network contains Microsoft Lync Server 2013. The company has four buildings on a single site. A user reports that when she calls users in another building, the call quality is poor. You receive the Quality of Experience (QoE) report:

Which of the following values is outside acceptable limits?

- A. Receive noise level: -56dBmV
- B. Avg. jitter: 23ms
- C. Avg. round trip: 867ms
- D. Avg. packet loss rate: 0.21%
- E. Packet utilization: 32701

---

**Answer: C**

---

### **Question: 36**

You support a customer whose network environment includes Microsoft Lync Server 2013. Some devices run Lync Phone Edition and others run Lync soft clients. Lync soft client users report that they experience voice quality problems with other Lync soft client users. Lync Phone Edition users are not affected. You need to prioritize voice traffic for Lync soft clients to match the default Quality of Service (QoS) configuration of the Lync Phone Edition users. What should you do?

- A. Create a Group Policy with VoiceDiffServTag set to 40.
- B. Create a Group Policy with Voice 8021p set to 0.
- C. Create a Group Policy with Voice 8021p set to 40.
- D. Create a Group Policy with VoiceDiffServTag set to 0.

---

**Answer: A**

---

### **Question: 37**

## DRAG DROP

You support a customer who is deploying Microsoft Lync Server 2013. The customer has completed deployment of the following components:

- A Lync Standard Edition Server,
- A Lync Edge Server,
- A media gateway connected to a T1 trunk,
- Appropriate rules for reverse proxy, and
- An Office Web App server with Microsoft SharePoint 2012.

Neither federation nor external access is enabled.

The customer installs a number of Lync 2013 clients on pilot user computers that are located inside their network. No one is able to access the Lync server from outside the network.

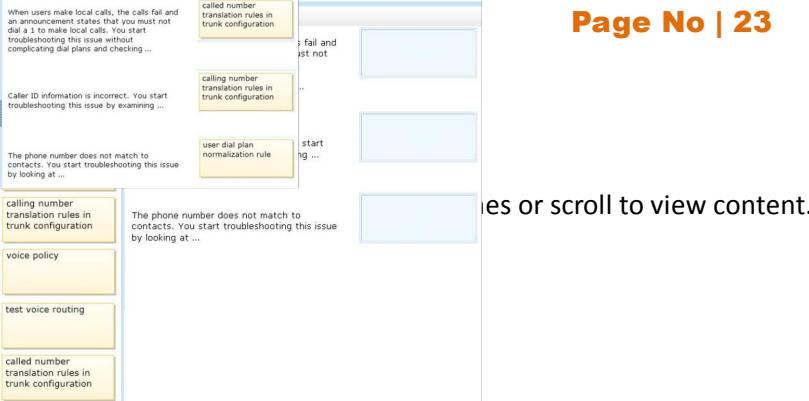
The pilot users report the following issues:

- When they make calls to local numbers, the calls do not work. An announcement states that they must not dial 1 to make a local call.
- When they make calls to long distance numbers, the calls connect, but the other end user reports that the caller's number does not appear correctly.
- When they receive long distance calls from outside, the caller ID information displayed in Lync does not match the caller's contact information.

You need to ensure that users in the customer's network can successfully have calls with users outside the network. You open the Voice Routing tab on the Lync Server Control Panel as shown in the exhibit. (Click the Exhibit button.)

Name	Scope	State	Normalization rules	Description
Global	Global	Committed	4	
AustinHQ	Site	Committed	9	Connected to Dialogic Voice...
Tampa	Site	Committed	6	Tampa Branch Site Dial Plan
AustinHQUDialplan.catapultsystems.com	User	Committed	12	Austin HQ
AustinUMDialplan.catapultsystems.com	User	Committed	11	Austin Dial Plan (Migrated)
CatapultUDialplan.catapultsystems.com	User	Committed	8	Catapult Exchange 2010 Dial...
DallasDialPlan.catapultsystems.com	User	Committed	17	DallasDialPlan (Migrated)
DenverDialPlan.catapultsystems.com	User	Committed	5	Denver Dial Plan (Migrated)
HoustonDialPlan.catapultsystems.com	User	Committed	7	Houston Dial Plan (Migrated)
SanAntonioDialPlan.catapultsystems.com	User	Committed	10	San Antonio Dial Plan (Migrated)
TampaUserDialplan	User	Committed	7	Dial Plan for Tampa Office

Which area should you look in to investigate each issue? (To answer, drag the appropriate voice routing area to the correct issue investigation or investigations. Each voice routing area may be used once or not at all. You may need to



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**Question: 38**

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**Answer:**

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You are a member of the CsAdministrator group that supports the Microsoft Lync datacenter for your company. The datacenter consists of one pool that is running Microsoft Lync Server 2013. You deploy a managed response group. The agent participation policy is set to Formal and the routing method is set to Longest Idle. All agents have been logged in for more than four hours. On average, each agent responds to five calls per hour. One agent has not received any calls. All of the other agents have received calls. You need to ensure that all agents can receive calls through Response Groups. What should you do?

- A. Enable Agent Anonymization.
- B. Disable Agent Anonymization.
- C. Turn off Enhanced Privacy Mode.
- D. Turn on Enhanced Privacy mode.

---

**Answer: C**

---

**Question: 39**

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**DRAG DROP**

You support a network environment for a company named Contoso. The network includes Microsoft Lync Server 2013. Contoso recently acquired Litware, Inc. You configure Lync to support Session Initiation Protocol (SIP) domains named contoso.com and litware.com. You configure several Lync Response Groups. You discover that Litware Response Group agents are not receiving calls. Contoso Response Group agents continue to receive calls. You need to restore call functionality from the user to the Litware Lync Server Response Group agent. Which three steps should you perform 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.)

Answer Area	
Remove the Lync Server Response Group agent from the group.	
Update the user's SIP Uniform Resource Identifier (URI).	
Update the Lync Server Response Group agent's SIP Uniform Resource Identifier (URI).	
Add the Lync Server Response Group agent to the group.	
Tell the Lync Server Response Group agent to sign out and then sign back in to the Lync client.	
Tell the user to sign out and then sign back in to the Lync client.	

---

**Answer:**

---

Answer Area	
Update the user's SIP Uniform Resource Identifier (URI).	Remove the Lync Server Response Group agent from the group.
	Update the Lync Server Response Group agent's SIP Uniform Resource Identifier (URI).
	Add the Lync Server Response Group agent to the group.
Tell the Lync Server Response Group agent to sign out and then sign back in to the Lync client.	
Tell the user to sign out and then sign back in to the Lync client.	

### **Question: 40**

You support a customer whose network environment includes Microsoft Lync Server 2013 Standard deployed with an Edge Server that is connected to the Internet. All users have Lync Mobile installed on their Windows mobile devices. Users report that they receive instant messages only when the Lync Mobile app is active in the foreground. You need to ensure that mobile users are able to receive instant messages at all times. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Upgrade the Lync 2010 Mobile app on the Windows mobile devices.
- B. Enable Push Notifications and Federation from the Lync Server Management Shell.
- C. Set up hosting provider federation between your organization and the Push Notification Service at Lync Online.
- D. Open port 5223/TCP outbound on the company firewall.
- E. Install the Lync Mobility components on the Edge Server.

**Answer: B, C**

### **Question: 41**

You support Microsoft Lync Server 2013 servers in your customer's network. The network is isolated from Internet with a firewall. Users report voice and video communication problems while communicating with external participants. You need to verify port availability for audio/video communication on the Edge Server. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Check TCP port 443.
- B. Check UDP port 3478.
- C. Check TCP port 4443.
- D. Check TCP port 5061.
- E. Check TCP port 8057.

**Answer: AB**

### **Question: 42**

You support Microsoft Lync Server 2013 servers in your customer's network. The network includes wired and wireless networks. The network is configured to support Microsoft Lync Mobile users who have mobile devices that are running Microsoft Lync 2010 for iPhone. Users of Lync 2010 for iPhone report that they are unable to receive push notifications when they are connected to the company's internal network. They are able to receive push notifications when they are connected to their cellular network. You need to diagnose why these users cannot receive push notifications. What should you do?

- A. Open a Telnet session to port 5223.
- B. Run the Test-CsPhoneBootstrap cmdlet.
- C. Run the Test-CsMcxP2PIM cmdlet.
- D. Run the Test-CsFederatedPartner cmdlet.

---

**Answer: A**

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### **Question: 43**

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Your network environment includes Microsoft Lync Server 2013 with Enterprise Voice enabled. The current Lync Voice Configuration settings include the following:

```
Dial Plan: North America
Normalization rules:
Internal: ^(\d{4})$ => +14034998$1
Local: ^1?((403)\d{7})$ => +1$1
NA Long Distance: ^(1\d{11})$ => +$11

Voice policy: NorthAmerica
Calling features enabled:
    call forwarding, delegation, call transfer, simultaneous ring, team call, PSTN reroute, Calling features
    disabled: call park, bandwidth policy override, malicious call tracing
PSTN usage record:
NorthAmerica-PSTN, associated route PSTN =^+\+(!{(61))

Routes:
NorthAmerica-Local-Route(^+\+1(403)\d{7}$)
NorthAmerica-LongDistance = ^+\+1\d{10}$

Trunk Configuration: NorthAmerica
Encryption support level = Required
Enabled: Media bypass, Centralized media processing, refer support
```

When users attempt to call to an outside number, they receive the following error: "User is not authorized." You need to ensure that users are able to dial outside numbers. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Under Dial Plan, modify normalization rule Local from ^1?((403)\d{7})\$ => +1\$1 to ^(\3\d{7})\$ => +403\$1.
- B. Modify public switched telephone network (PSTN) usage record NorthAmerica-PSTN and its associated route PSTN for voice policy from ^\+(!{(61)) to ^\+\+1\d{10}\$.
- C. Modify route NorthAmerica-LongDistance- from ^\+1\d{10}>S to ^\ + \d-{11}\$.
- D. Under Dial Plan, modify normalization rule NA Long Distance from ^ (\1\d{11})\$ => +\$11 to ^ (1\d{10})\$ => +\$1.

---

**Answer: B, D**

---

### **Question: 44**

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Your customer has deployed a Microsoft Lync Server 2013 Enterprise Edition Front End server and has configured Enterprise Voice. The customer has deployed Server Branch Appliances (SBAs) at each of the remote office locations. The customer has reported that multiple users in one of the remote offices are not able to dial certain local numbers using Lync. The users are receiving the error "+1 (425) 555-0100 is unavailable or may not be valid/" and the call fails to setup. The customer has provided the following information from the Local Number normalization rule from the

Dial Plan from the remote office that is experiencing the issue:

Pattern to Match: "1((4251206)\d{7})\$

Translation Rule: +1\$1

You need to ensure that all users at the remote office are able to dial local 10-digit numbers with or without a leading 1.

What should you do?

- A. Change the translation pattern from k+1\$1 to +\$1.
- B. Change the translation pattern from +1\$1 to +1.
- C. Change the pattern to match from ^1((425|206)\d{7})\$ to ^1?((425|206)\d{7})\$.
- D. Change the pattern to match from ^1((425|206)\d{7})\$ to ^((1?425|1?206)\d{7})\$.

---

**Answer: C**

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### **Question: 45**

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You support a datacenter that consists of one pool running Microsoft Lync Server 2013. You deploy Microsoft System Center Operations Manager. You implement Enterprise Voice. Some users use a desktop phone to place and receive public switched telephone network (PSTN) calls with people outside of Lync. Some of these users report connectivity issues with incoming and outgoing calls. You need to test that users are able to place and receive calls with people outside of Lync. What should you do? (Each correct answer presents part of the solution. Choose two.)

- A. Create a watcher node and configure it for an extended, non-default synthetic transaction.
- B. Create a watcher node and configure it for a default synthetic transaction.
- C. In the synthetic transaction, use the Test-CsP2PAV cmdlet.
- D. In the synthetic transaction, use the Test-CsPstnPeerToPeerCallcmdlet.

---

**Answer: A, D**

---

### **Question: 46**

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You are a member of the CsAdministrator group that supports a Microsoft Lync Server 2013 datacenter. The datacenter consists of one pool. You implement Enterprise Voice. You do not have Call Admission Control (CAC) enabled. A user reports that when she receives a call to her Private Branch Exchange (PBX) phone, she doesn't get notified in her Lync Client. Other users do not have this problem. You need to ensure that the user is notified by Lync when a call comes in. What should you do?

- A. Change the users' Telephony setting to Remote call control.
- B. Change the voice policy to disable Public Switched Telephone Network (PSTN) reroute.
- C. Change the voice policy to enable Simultaneous Ring reroute.
- D. Change the users' Telephony setting to Enterprise Voice.

---

**Answer: A**

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### **Question: 47**

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Your customer recently installed Microsoft Lync Server 2013 in his company network and he is migrating users from Office Communications Server (OCS) 2007 R2. Some users who have been moved to Lync server but still have the OCS client installed report that they receive the following error when trying to connect: "Microsoft Office Communicator

2007 R2 is not a version that can be used to sign in to the server. Please contact your system administrator to get the required version." You need to ensure that Microsoft Office Communicator 2007 R2 clients can connect to the Lync server. What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Run the Set-CsClientVersionConfiguration -Enabled \$false cmdlet.
- B. Install the latest Microsoft Office Communicator 2007 R2 update.
- C. Run the Get-CsClientVersionPolicyRule | Where-Object {\$\_.UserAgent -eq "CPE"} | Set-CsClientVersionPolicyRule -MajorVersion 0 -MinorVersion 0 -BuildNumber 0 -Action Allow cmdlet.
- D. Enter a new registry entry on the client computers: HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Communicator Name: DisableServerCheck Type: DWORD Value: 1 (00000001)

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**Answer: AB**

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### **Question: 48**

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DRAG DROP

You administer Microsoft Lync Server 2013 servers in your customer's company network. All network computers are members of an Active Directory Domain Services (AD DS) domain that is operating in Windows Server 2008 domain functional mode. Client computers have various versions of Office Communicator R2 and the Lync client installed. You enable Lync Server 2013 enhanced presence privacy mode. Several users inform you that their presence and contact information is available to users who have not been authorized to view it. You need to prevent non-authorized users from accessing the personal information of other users. You also need to continue providing Lync access to all users. Which three actions should you perform 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.)

Answer Area	
<input type="checkbox"/> Define a new client version policy that prevents Office Communicator from signing in.	
<input type="checkbox"/> Disable and then re-enable the enhanced presence privacy mode.	
<input type="checkbox"/> Upgrade Office Communicator to Lync client.	
<input type="checkbox"/> Instruct users to sign in to Lync client and restore privacy settings.	
<input type="checkbox"/> Raise the domain functional level to Windows Server 2008 R2.	
<input type="checkbox"/> Raise the domain functional level to Windows Server 2012.	

---

**Answer:**

---

Answer Area	
	Define a new client version policy that prevents Office Communicator from signing in.
	Disable and then re-enable the enhanced presence privacy mode.
	Upgrade Office Communicator to Lync client.
Instruct users to sign in to Lync client and restore privacy settings.	
Raise the domain functional level to Windows Server 2008 R2.	
Raise the domain functional level to Windows Server 2012.	

### **Question: 49**

You support a customer whose network environment includes Microsoft Lync Server 2013. All users are members of an Active Directory Domain Services (AD DS) domain. All users are using the Global client policy. AddressBookAvailability is set to WebSearchOnly. For some users in Active Directory, you change the attributes that relate to title and department. You discover that these attributes are not reflected in the users' contact cards in Lync 2013. You need to update the Lync address book immediately to reflect the changes you made. What should you do?

- A. Run the Update-CsUserDatabase cmdlet.
- B. Run the Set-CsClientPolicy -Identity Global -EnableExchangeContactSync \$true cmdlet.
- C. Run the Update-CsAddressBook cmdlet.
- D. Change the Global Client Policy to use WebSeachandFileDownload.

**Answer: A**

### **Question: 50**

You support Microsoft Lync Server 2013 servers in your customer's company network. You enable federation with a public instant messaging (IM) provider. Users of the public IM provider are unable to participate in IM conversations in your customer's organization. You need to ensure that the users of the public IM provider are able to participate in IM conversations. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

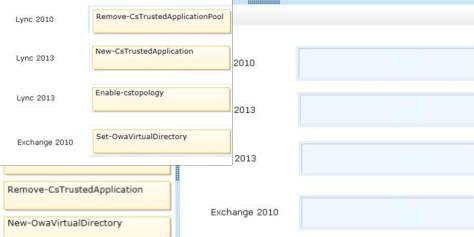
- A. Enable an archiving disclaimer to federated partners.
- B. Create a federated user access policy.
- C. Enable partner domain discovery.
- D. Create a federation and public IM connectivity policy.

**Answer: BD**

### **Question: 51**

#### **DRAG DROP**

You support a customer who has an existing Microsoft Exchange 2010 with Microsoft Lync Server 2010 environment. Outlook Web Access displays presence from Lync 2010. The customer recently implemented Microsoft Lync Server



In the new environment, the customer reports that presence is no longer available in OWA. Which cmdlet should you run on each server or servers? (To answer, drag the appropriate cmdlet or cmdlets to the correct server or servers. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

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**Answer:**

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**Question: 52**

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**HOTSPOT**

You support Microsoft Lync Server 2013 servers in your customer's company network. You plan to configure Extensible Messaging and Presence Protocol (XMPP) federation with an instant messaging partner.

The XMPP federated partner supports only:

- Unencrypted Transmission Control Protocol (TCP) connections for server-to-server XMPP federation and
- Server Dialback for identity verification.

You need to configure the negotiation settings for the XMPP federated partner.

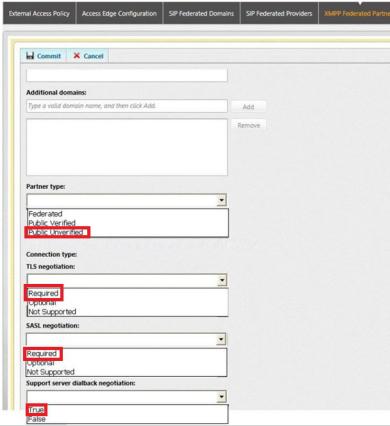
Which options should you configure for each negotiation method? (To answer, configure the appropriate options in the dialog box in the answer area.)

External Access Policy	Access Edge Configuration	SIP Federated Domains	SIP Federated Providers	XMPP Federated Partners
<p><b>Commit</b> <b>Cancel</b></p> <p><b>Additional domains:</b> Type a valid domain name, and then click Add.</p> <p><b>Add</b> <b>Remove</b></p> <p><b>Partner type:</b> <input type="button" value="Federated"/> <input type="button" value="Public Verified"/> <input type="button" value="Public Unverified"/></p> <p><b>Connection type:</b> <b>TLS negotiation:</b> <input type="button" value="Required"/> <input type="button" value="Optional"/> <input type="button" value="Not Supported"/></p> <p><b>SASL negotiation:</b> <input type="button" value="Required"/> <input type="button" value="Optional"/> <input type="button" value="Not Supported"/></p> <p><b>Support server dialback negotiation:</b> <input type="button" value="True"/> <input type="button" value="False"/></p>				

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**Answer:**

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### Question: 53

You support a customer whose network environment that includes Microsoft Lync Server 2013. The internal web farm fully qualified domain name (FQDN) is webcon.contoso.com. You implement split DNS. Publicly issued certificates are used on the Front End servers and the Edge servers. You need to ensure that Lync users are able to log in by using the Lync 2013 Windows Store app. What should you do?

- In the External Access Policy for each user, allow federation.
- Run the `Set-CsPushNotificationConfiguration -EnableMicrosoftPushNotificationService $true` cmdlet.
- In DNS, enter a CNAME for `lyncdiscoverinternal.contoso.com` that redirects to an address of `webcon.contoso.com`.
- In DNS, enter the Service Location (SRV) record `_sipinternaltls._tcp.contoso.com` and the serving host `ofsip.contoso.com`.

```
New-CsKerberosAccount -UserAccount "Contoso
\KerbAuth" -ContainerDN
"CN=Users,DC=contoso,DC=com"

Set-CsKerberosAccountPassword -FromComputer
LyncFE.contoso.com -ToComputer
LyncDir.contoso.com

Enable-CsTopology

Set-CsKerberosAccountPassword -UserAccount
"contoso\KerbAuth"

New-CsKerberosAccountAssignment -UserAccount
"contoso\KerbAuth"-Identity "site:HQ"
```

**Answer: C****Question: 54****DRAG DROP**

You support Microsoft Lync Server 2013 servers in your customer's company network. The Lync topology includes one site named HQ, with two servers named LyncFE.contoso.com and LyncDir.contoso.com. The servers use Kerberos authentication for web services. The Kerberos authentication account name is contoso\kerberos. The account has been accidentally deleted from the Active Directory Domain Services (AD DS) database. Users are unable to sign in to Lync. You need to restore Kerberos authentication. You remove Kerberos assignment for the missing account and enable the topology. In which order should you perform the next actions? (To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.)

**Answer:**

Answer Area	
New-CsKerberosAccount -UserAccount "Contoso \KerbAuth" -ContainerDN "CN=Users,DC=contoso,DC=com"	Set-CsKerberosAccountPassword -FromComputer LyncFE.contoso.com -ToComputer LyncDir.contoso.com
	Enable-CsTopology
	Set-CsKerberosAccountPassword -UserAccount "contoso\KerbAuth"
	New-CsKerberosAccountAssignment -UserAccount "contoso\KerbAuth"-Identity "site:HQ"

**Question: 55**

You deploy 3 Microsoft Lync Server 2013 Persistent Chat server named atl-cs-001.litwareinc.com. You need to remove all messages prior to March 1, 2012 from a chat room named LegalChatRoom. Which cmdlet should you run?

```
INFO :: QueryDNSRv - DNS Name[_sipinternaltls._tcp.contoso.com]
ERROR :: HRESULT failed: 80072726 [HRESULT_FROM_WIN32(:_ShimWSAGetLastError())] . Failed to convert string IP to 34
ERROR :: _ResolveHostAddress - _ResolveHostAddress failed
ERROR :: ResolveHostNameUsingGetAddrInfo - _getaddrinfo(pool.contoso.com) failed
WARN :: ResolveHostNameUsingDnsQuery - _DnsQuery(pool.contoso.com) failed
ERROR :: ResolveHostNameUsingDnsQuery - DNS lookup failed for pool.contoso.com
ERROR :: ResolveHostName - Name resolution for pool.contoso.com failed
ERROR :: ResolveHostSync ResolveHostName failed
ERROR :: DNS_RESOLUTION_WORKITEM::ProcessWorkItem ResolveHostName failed
```

- A. Set-CsPersistentChatRoom -Identity LegalChatRoom -Managers @{Add="sip:complianceofficer@litwareinc.com"}
- B. Remove-CsPersistentChatRoom -Identity "atl-cs-001.litwareinc.com\LegalChatRoom"
- C. Remove-CsPersistentChatMessage -Identity "atl-persistentchat-001.litwareinc.com\LegalChatRoom" -EndDate "3/1/2012"
- D. Clear-CsPersistentChatRoom -Identity "atl-cs-001.litwareinc.com\LegalChatRoom" -EndDate "3/1/2012"

---

**Answer: D**

---

### Question: 56

---

You support a customer whose network environment includes Microsoft Lync Server 2013 Enterprise, with two Front End Servers and two Back End Servers. The Back End Servers are deployed in a high availability configuration. You create a Front End pool named pool.contoso.com and implement DNS load balancing for client access to the Lync servers. Your internal DNS records have the following configuration:

Your Lync 2013 clients fail to sign in automatically. The trace log of failed sign-in attempt is as follows:

- A. Create the following host records:  
Pool A 192.168.1.10  
Pool A 192.168.1.11
- B. Create the following host records:  
Sip A 192.162.1.20  
Sip A 192.163.1.21
- C. Create the following service record:  
\_sip.\_tls.concoso.com SRV  
Priority 0, weight 0, port 5061, pool01.coato30.com
- D. Create the following host records:  
Pool A 192.168.1.20  
Pool A 192.168.1.21
- E. Create the following service record:  
\_sipinternal.tls.contoso.com SRV  
Priority 0, weight 0, port 5061, FrontEndServer1.contoso.com

---

**Answer: A**

---

### **Question: 57**

---

You support a customer who is upgrading from Lync 2010 Group Chat to Lync 2013 Persistent Chat. Users are Session Initiation Protocol (SIP) enabled members of a single Active Directory Domain Services (AD DS) domain. Group Chat clients connect by using a well-known user named ocschat@litwareinc.com. The Lookup service registers with the Lync server to receive incoming requests. Your customer's Persistent Chat pool fully qualified domain name (FQDN) is named pchatpool.litwareinc.com. When users sign out of Lync and then sign in again by using the Lync 2010 Group Chat client, they are able to access their data without needing to change any configuration. You need to configure Lync Server 2013 persistent chat to support legacy Group Chat clients. Which cmdlet should you run?

- A. New-CsTrustedApplicationEndpoint -ApplicationId pchat -TrustedApplicationPoolFqdn pchatpool.litware.com -SipAddress sip:ocschat@litwareinc.com
- B. New-CsPersistentChatEndpoint -SipAddress sip:ocschat@litwareinc.com -PersistentChatPoolFqdn pchatpool.litware.com
- C. Set-CsPersistentChatRoom -Identity IT -Presenters @{Add="sip:ocschat(g)litwareinc.com"}
- D. \$cred1 = Get-Credential "litwareinc\pilar"  
\$cred2 = Get-Credential "litwareinc\ocschat"  
Test-CsPersistentChatMessage -TargetFqdn pchatpool.litwareinc.com -SenderSipAddress "sip:pilar@litwareinc.com" -SenderCredential \$cred1 -ReceiverSipAddress "sip:ocschat@litwareinc.com" -ReceiverCredential \$cred2

---

**Answer: B**

---

### **Question: 58**

---

You support a customer whose network environment includes Microsoft Lync Server 2013. The Global client policy is set up for web search and file download. Each department within the company is on its own subnet. The switches are configured with Access Control Lists (ACL) that are limiting access to other subnets, including the one on which the Lync 2013 servers reside. Users in the company's accounting department report that new internal users are not showing up in their Lync 2013 searches. These users are internal, and there are no Lync Director servers deployed. You need to ensure that users in the accounting department are able to find new users when they search the Lync address book. What should you do?

- A. Allow TCP port 443 to the internal web services' fully qualified domain name (FQDN) configured in Lync Topology Builder.
- B. Browse to %LOCALAPPDATA%\Microsoft\Communicator\<sip address>, delete the GalContacts.db file, and then close and reopen Lync 2013.
- C. Run the Set-CsClientPolicy -Identity Global -AddressBookAvailability FileDownloadOnly cmdlet.
- D. Allow TCP port 4443 to the internal web services' fully qualified domain name (FQDN) configured in Lync Topology Builder.

---

**Answer: A**

---

### **Question: 59**

---

You support a customer whose network environment includes Microsoft Lync Server 2013 servers and computers that are members of an Active Directory Domain Services (AD DS) domain named contoso.local. The domain includes Microsoft Exchange 2010 organization and Enterprise Certification Authority (CA). Client computers have Lync 2013 installed. A user reports that his presence information in Lync 2013 is not updated based on his Calendar. You need to ensure that the user's presence information is updated based on his Calendar. What should you do?



- . Set the session initiation protocol (SIP) address to match the SMTP address.
- Reset mailbox permissions to the default.
  - Reissue the Lync certificate and include `meet.contoso.local` as a Subject Alternative Name (SAN).
  - Enable enhanced privacy presence mode.

---

**Answer: A**

---

## Question: 60

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### DRAG DROP

You support Microsoft Lync clients and servers in your customer's company network. All computers are members of a single Active Directory Domain Services (AD DS) domain named `contoso.local`. The single front-end Microsoft Lync Server 2013 server is configured to support a session initiation protocol (SIP) domain named `contoso.com`. You configure Lync to support users from a new SIP domain named `proseware.net`. The users of the new SIP domain report that the Lync client is able to connect to the Lync server only after manual configuration. Users of the `Contoso.com` SIP domain are able to connect to Lync server automatically, both internally and externally. You need to restore the internal and external automatic discovery features for the users of the `proseware.net` SIP domain. Which fully qualified domain name (FQDN) should you add to the subject alternative name (SAN) in each certificate request? (To answer, drag the appropriate FQDN to the correct certificate request. Each FQDN may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

---

**Answer:**

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## Question: 61

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You support a customer whose network environment includes Microsoft Lync Server 2013 Enterprise Voice deployed at two sites named Site1 and Site2. All users require extension dialing. Only direct inward dialing will be used for auto attendants or response groups. The extension numbers in four-digit format are stored in the `telephoneNumber` attribute on the users' Active Directory Domain Services (AD DS) account. Site1 uses 2xxx extensions, and Site2 uses

3xxx extensions. You want to retain the four-digit extensions in Active Directory, but also present the numbers as valid numbers in the Lync 2013 client. You need to ensure that four-digit dialing normalizes properly in the address book for Lync. What should you do?

- A. In the Lync Control Panel, under voice routing and dial plan, modify the global dial plan to add the following rules:  
^(2\d{3})\$ -- +15197778888;ext=\$1^(3\d{3})\$ -- +14163334444;ext=\$1
- B. Modify the Company\_Phone\_Number\_Normalization\_Rules.txt file and add the following rules: ^(2d\{3\})\$ -- +15197778888;ext=\$1^(3d\{3\})\$ -- +14163334444;ext=\$1
- C. Modify the Company\_Phone\_Number\_Normalization\_Rules.txt file and add the following rules: ^(2\d{3})\$ -- +15197778888;ext=\$1^(3\d{3})\$ -- +14163334444;ext=\$1
- D. Use absconfig.exe from the Lync Resource Kit and change the flag of telephoneNumber to be included in the address book generation.

---

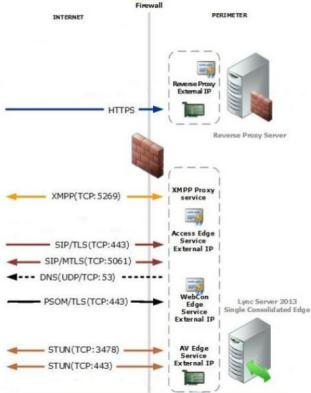
**Answer: C**

---

### **Question: 62**

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You support a Microsoft Lync Server 2013 environment with open federation for a company named Contoso. Contoso's perimeter network topology is shown in the exhibit. (Click the Exhibit button.)



The public certificates on the external interfaces of the Lync Edge and Reverse Proxy are as follows:

Lync  
Subject Name:  
sip.contoso.com  
Subject Alternative Names:  
sip.contoso.com  
webconf.contoso.com  
av.contoso.com

Reverse Proxy  
Subject Name:  
sipdiscover.contoso.com  
Subject Alternative Names:  
lyncweb.contoso.com  
meet.contoso.com  
dialin.contoso.com

You receive a support ticket that audio calls to federated partners that also use Lync Server 2013 are not working. You need to correct the issue of the failed audio calls. What should you do?

- A. Add "contoso.com" as a subject alternative name to the public certificate on the reverse proxy external interface.
- B. Add "lyncdiscover.contoso.com" as a subject alternative name to the public certificate on the reverse proxy external interface.
- C. Open the inbound and outbound UDP port 5061 on the external firewall to the Access Edge Service External IP address.
- D. Open the inbound and outbound UDP and TCP port range 50000-59999 on the external firewall to the AV Edge Service External IP address.
- E. Open the inbound and outbound UDP port 3478 on the external firewall to the AV Edge Service External IP address.

---

**Answer: E**

---

### **Question: 63**

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You support Microsoft Lync Server 2013 servers in your customer's company network. The network includes an Active Directory Domain Services (AD DS) domain and an Exchange 2010 organization. The company deployed a pilot Microsoft Exchange 2013 installation at one of its branches and moved the branch users' mailboxes to Exchange 2013. Lync users from the branch were configured to use the Unified Contact Store. Due to budget limitations, the company has decided to move the users' mailboxes back to Exchange 2010. Before you move the users' mailboxes, you need to change the users' properties. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Run the Test-CsUnifiedContactStore cmdlet once.
- B. Run the Move-CsUser cmdlet for every user account.
- C. Run the Invoke-CsUcsRollback cmdlet for every migrated user account.
- D. Run the Set-CsUserServicesPolicy cmdlet once.

---

**Answer: C, D**

---

### **Question: 64**

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DRAG DROP

You support a customer whose network environment includes Microsoft Exchange 2010 and Microsoft Lync Server 2010 servers. Outlook Web Access (OWA) is configured to display presence from Lync. Your customer recently

Lync Server 2010	Remove-CsTrustedApplicationPool	
Lync Server 2013	New-CsTrustedApplication	Server 2010
Lync Server 2013	Enable-CsTopology	Server 2013
Exchange Server 2010	Set-OwaVirtualDirectory	
Set-OwaVirtualDirectory		Lync Server 2013
Remove-CsTrustedApplication		
New-OwaVirtualDirectory		Exchange Server 2010

icrosoft Lync Server 2013 environment. Users report that presence is no longer displayed in OWA. Which cmdlet should you run on each server? (To answer, drag the appropriate cmdlet to the correct server or servers. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

---

**Answer:**

---

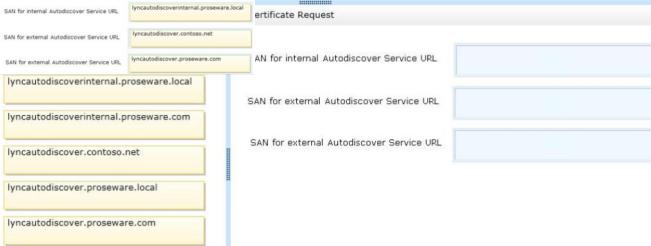
---

**Question: 65**

---

**DRAG DROP**

You support a Microsoft Lync 2013 environment in your customer's network. A single front-end Microsoft Lync Server 2013 server is configured to support a session initiation protocol (SIP) domain named `proseware.net`. All computers in the network are members of an Active Directory Domain Services (AD DS) domain named `proseware.local`. You configure Lync to support users from a new SIP domain named `contoso.net`. The users of the `contoso.net` SIP domain report that their Lync client is able to connect to the Lync server only after manual configuration. Users of the `proseware.com` SIP domain are able to connect to Lync server automatically, both internally and externally. You need to enable the internal and external automatic discovery features for the users of the new `contoso.net` SIP domain. Which fully qualified domain name (FQDN) should you add to the subject alternative name (SAN) in each certificate request? (To answer, drag the appropriate FQDN to the correct certificate request. Each FQDN may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Answer:****Question: 66****DRAG DROP**

You support a customer's datacenter with Microsoft Lync Server 2013. All servers are members of an Active Directory Domain Services (AD DS) forest that is operating at a Windows Server 2003 forest functional level. Client computers run either Lync 2013 client or Office Communicator R2. Lync Server 2013 enhanced presence privacy mode is enabled. A user reports that her presence and contact information is accessible to users who have not been authorized to view it. You need to prevent unauthorized users from accessing the user personal information. Which three actions should you perform 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.)

Answer Area
Instruct users to sign in to Lync client and restore privacy settings.
Raise the forest functional level to Windows Server 2012.
Raise the forest functional level to Windows Server 2008.
Disable and then re-enable the enhanced presence privacy mode.
Create a new client version policy that prevents Office Communicator from signing in.
Upgrade the customer's Office Communicator R2 to Lync 2013.

**Answer:**

Answer Area	
	Instruct users to sign in to Lync client and restore privacy settings.
	Raise the forest functional level to Windows Server 2012.
	Raise the forest functional level to Windows Server 2008.
Disable and then re-enable the enhanced presence privacy mode.	
Create a new client version policy that prevents Office Communicator from signing in.	
Upgrade the customer's Office Communicator R2 to Lync 2013.	

### **Question: 67**

You support a customer whose network environment includes Microsoft Lync Server 2010 Group Chat. You plan to deploy Microsoft Lync Server 2013 Persistent Chat. You need to ensure that users who access Group Chat will have access to their chat history in Persistent Chat. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Ensure that legacy clients can connect to the new Persistent Chat pool. Shut down the Persistent Chat Services, and then run the Import-CsPersistentChatData cmdlet.
- B. Deploy Lync Server 2013, and then deploy a Persistent Chat pool. Shut down the Lync Server 2010 Group Chat Services, and then run the Export-CsPersistentChatData cmdlet.
- C. Back up the mgc from the Group Chat server and restore it to the Persistent Chat server.
- D. Run the Set-CsPersistentChatActiveServer cmdlet.

**Answer: AB**

### **Question: 68**

You support Microsoft Lync Server 2013 in your customer's company network. You discover a malicious file type with the extension .mal that you want to prevent from being circulated through Lync. You need to block .mal files from file transfer in Lync. What should you do?

- A. Run the Set-ExecutionPolicy Unrestricted @{Add=".mal"} cmdlet.
- B. Add the internal Lync web services fully qualified domain name (FQDN) to the Trusted Sites section in Internet Explorer.
- C. Run the Set-CsFileTransferFilterConfiguration -Identity Global -Extensions @{Add=".mal"} cmdlet.
- D. Run the Set-CsImFilterConfiguration -Identity Global -Prefixes @{Add="mal:"} cmdlet.

**Answer: C**

### **Question: 69**

You support Microsoft Lync Server 2013 servers in your customer's company network. Lync is configured as a federated partner with several business partners. The partners use Lync deployed with hosting providers. Your Lync servers are configured as an open federation. Lync users inform you that they are unable to communicate with a partner domain named fabrikam.com. You contact the partner and discover that they have recently changed their proxy server name. You need to restore communication with the federated partner. Which two cmdlets should you run? (Each correct answer presents part of the solution. Choose two.)

- A. Remove-CsHostingProvider -Identity "Fabrikam.com"
- B. New-CsHostingProvider -Identity Fabrikam.com -ProxyFqdn "server1.fabrikam.com" -Enabled \$True
- C. Get-CsProxyConfiguration -Filter "service:\*" | Remove-CsProxyConfiguration
- D. Set-CsHostingProvider -Identity "Fabrikam.com" -VerificationLevel "AlwaysUnverifiable"

---

**Answer: AB**

---

### **Question: 70**

---

You support a customer with a Microsoft Lync Server 2013 environment.

Your customer receives the following error Event ID 21022 LS AddressBook Server:

"A Full dats file is corrupt The path \\fileserver\share\1-Webservices-1\ ABFiles\0000000-0000-0000-0000-000000000000\0000000000-0000-0000-000000000000\F-0fd0.lsabs -file corrupted: Invalid Attribute id 0 in contact. Index: 7 GUID Guid: <1329aec4-da97-46e4-b995-1039c096f9e1} Offset: 255."

Users who have their Client Policy set to WebSearchandFileDownload report that they are not receiving updated information in the Lync address books. You need to ensure that users are able to download the address book. What should you do?

- A. Run the Update-CsUserDatabase cmdlet.
- B. Browse to your Lync file share, located at \\fileserver\share\1-Webservices-1\ ABFiles\0000000-0000-0000-0000-000000000000\0000000000-0000-0000-000000000000. Delete all of the files, and then run the Update-CsAddressBook cmdlet.
- C. Run the Set-CsAddressBookConfiguration -Identity Global -EnableFileGeneration \$true cmdlet.
- D. Delete the rtcab and rtcab1 databases, and then run the Install-CsDatabase -ConfiguredDatabases cmdlet.

---

**Answer: B**

---

### **Question: 71**

---

You support two Microsoft Lync Server 2013 servers named Lync2013FE and Lync2013BE. The servers are configured to use contoso.local as their default session initiation protocol (SIP) domain. After your company acquires another company, you add NewCompany.com as the second SIP domain. Your internal DNS server contains the following records:

```
Lync2013pool.contoso.local A 192.168.10.10
Lync2013FE.contoso.local A 192.168.10.10
Lync2013BE.contoso.local A 192.168.10.30
Lyncdiscoverinternal.contoso.local A 192.168.10.10
Autodiscover.contoso.local A 192.168.10.20

_sip._tls.contoso.local SRV
priority 0,
weight 0,
port 5061,
lync2013pool.contoso.local

Sip.contoso.local A 192.168.10.10
Meet.contoso.local A 192.168.10.10
Dialin.contoso.local A 192.168.10.10
Lyncadmin.contoso.local A 192.168.10.10
```

You discover that internal users who use Lync 2010 and Lync 2013 clients are unable to sign in by using NewCompany.com SIP addresses internally. You need to ensure that users are able to automatically sign in by using NewCompany.com SIP addresses. Which two DNS records should you create? (Each correct answer presents part of the solution. Choose two.)

- A. Autodiscover.NewCompany.com A 192.168.10.20
- B. lyncDiscover.NewDomain.com A 192.168.10.10
- C. \_sip.\_tls.NewCompany.com SRV priority 0, weight 0, port 5061, Sip.NewCompany.com
- D. Sip.NewCompany.com A 192.168.10.10
- E. \_sipinternal.\_tls.NewCompany.com SRV priority 0, weight 0, port 5061, Sip.contoso.local

---

**Answer: CD**

---

### Question: 72

---

You support a customer whose network environment that includes Microsoft Lync Server 2013 Standard Edition. A user uploads an inappropriate photo to his Lync profile. Your customer wants to remove the ability for users to display any photo in their Lync profile until the company can put a profile image policy in place. You need to remove the ability for users to display profile photos within Lync. Which cmdlet should you run?

- A. Set-CsClientPolicy -Identity Global -DisplayPhotoNoPhoto
- B. Set-CsClientPolicy -Identity Global -EnableAppearOffline \$true
- C. Set-CsUserServicesPolicy -Identity Global -UcsAllowed \$true
- D. Get-CsClient Policy | Set-CsClient Policy -ExcludedContactFolders "Contacts"

---

**Answer: A**

---

### Question: 73

---

You administer Microsoft Lync Server 2013 clients and servers in your customer's network. All client computers run Windows 8 Enterprise and Microsoft Lync 2013. The computers are members of an Active Directory Domain Services (AD DS) domain named contoso.com. A user installs the Lync Windows Store App on his computer. He reports that he is unable to sign in to the Lync Windows Store App. The same user can successfully sign in by using Lync 2013. You

need to diagnose the reason for the failure. What should you do?

- A. Run nslookup against an external DNS server.
- B. Flush the DNS cache on the client computer.
- C. Run nslookup against the internal DNS server.
- D. Open a Telnet session to the Lync server.

---

**Answer: C**

---

### **Question: 74**

You are a member of the CsAdministrator group that supports a Microsoft Lync Server 2013 datacenter. The datacenter consists of one pool named ConPool01. You implement Enterprise Voice. Some users still use desktop phones that are connected to the local Private Branch Exchange (PBX) to make and receive calls. Some users who have PBX desktop phones report that they can no longer make or receive calls with their desktop phones. You need to ensure that users can place calls from their desktop phones. What should you do?

- A. In Voice Routing, create a new Dial Plan.
- B. In Voice Policy, select the Enable bandwidth policy override checkbox.
- C. On the Edge server, download the certificate chain and then restart the Lync services.
- D. Validate configuration for the Line Uniform Resource Indicator (URI).

---

**Answer: D**

---

### **Question: 75**

You support a customer whose network environment includes Microsoft Lync Server 2013 with Enterprise Voice. Your customer enables centralized logging on the Lync servers. According to your customer, a user has reported that when she attempts to dial out to a public switched telephone network (PSTN) number, she receives the following message: "Your organization does not support calling this number." You confirm that the user is configured to use Enterprise voice and that other users are successfully making and receiving calls. Within the captured logs from the affected user, you view the following message: "SIP/2.0 403 Forbidden." The Microsoft Lync 2013 control panel displays the following information:

You need to ensure that the user is able to dial out to PSTN. What should you do?

- A. Change the associated normalization rule in the dial plan policy to match: ^(\d{11})\$, Translation pattern +\$1.
- B. Change the voice policy for this user to < North America > for PSTN usage association.
- C. Contact the Session Initiation Protocol (SIP) provider.
- D. Open port TCP/5061 inbound on the Mediation Server.

---

**Answer: B**

---

### **Question: 76**

Answer Area
Set the <b>Location Required</b> policy to <b>Disclaimer</b> .
Publish the location database.
Validate the new locations.
Remove the Seattle network location from the location database.
Update the location database with port information.
Instruct the users to enter their location and details manually.

**DRAG DROP**

You support Microsoft Lync Server 2013 servers for an international company. The main office is located in New York and the datacenter is located in Seattle. All users in the New York office are using virtual desktops running on servers that are located in the Seattle datacenter. You enable and configure the Enhanced 9-1-1 (E9-1-1) emergency notification feature for the main office users. Users report that the Lync client always displays Seattle as their location. You need to ensure that Lync clients for users in the main office display their location accurately. Which four steps 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.)

**Answer:**

Answer Area
Set the <b>Location Required</b> policy to <b>Disclaimer</b> .
Publish the location database.
Validate the new locations.
Remove the Seattle network location from the location database.
Update the location database with port information.
Instruct the users to enter their location and details manually.

**Question: 77**

You support Microsoft Lync Server 2013 servers for an international company. You enable the Enhanced 9-1-1 (E9-1-1) emergency notification feature for users in a New York office. The users report that Lync prompts them to enter a location. You need to configure Lync to populate location information automatically. Which three steps should you perform 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.

	Answer Area
Publish the location database.	
Configure a federation policy.	
Set the <b>Location Required</b> policy to <b>Yes</b> .	
Validate addresses.	
Set the <b>Location Required</b> policy to <b>Disclaimer</b> .	
Populate the location database.	

**Answer:**

	Answer Area
Publish the location database.	
Configure a federation policy.	
Set the <b>Location Required</b> policy to <b>Yes</b> .	
Validate addresses.	
Set the <b>Location Required</b> policy to <b>Disclaimer</b> .	
Populate the location database.	

**Question: 78**

You support a customer whose network environment includes Microsoft Lync Server 2013 and Lync Phone Edition devices. Quality of Service (QoS) configuration has been changed recently and users report voice quality issues when they use Lync Phone Edition devices. You need to configure QoS for voice traffic to match the default QoS configuration of the Lync Phone Edition devices. What should you do?

- A. Set the Voice 8021p value to 0.
- B. Set the Voice 8021p value to 40.
- C. Set the VoiceDiffServTag value to 0.
- D. Set the VoiceDiffServTag value to 40.

**Answer: D****Question: 79**

Your network environment includes Microsoft Lync Server 2013. You configure a Session Initiation Protocol (SIP) trunk to point to a Lync Mediation Server from an internet service provider (ISP). Media bypass is disabled. You attempt to forward calls to a mobile phone and receive the following message: "Cannot complete the transfer." You need to be able to forward calls to mobile phones. Which cmdlet should you use?

- A. Set-CsTrunkConfiguration -EnableBypass \$True
- B. Set-CsTrunkConfiguration -EnableSessionTimer \$True
- C. Set-CsTrunkConfiguration -RTCPActiveCalls \$True
- D. Set-CsTrunkConfiguration -EnableReferSupport \$False

**Answer: D**

**Question: 80**

You support Microsoft Lync Server 2013 servers in your customer's company network. All computers in the network are members of an Active Directory Domain Services (AD DS) domain named corp.contoso.com. The Session Initiation Protocol (SIP) domain name is contoso.com. You configure the Autodiscover service to support external mobile device users. Mobile device users running Windows Phone or Apple iOS report that they are unable to sign in to the Lync Mobile Client.

You verify that you are able to:

- Establish a telnet session from an external computer to host lyncdiscover.contoso.com on port 80.
- Sign in to Lync by manually entering the URL https://lync.contoso.com/Autodiscover/autodiscoverservice.svc/Root.

You need to ensure that external users running Windows Phone or Apple iOS are able to automatically sign in to Lync. Which three steps should you perform 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.)

Answer Area	
Enable the topology.	
Assign the certificate to the Front End pool servers.	
Generate a request to renew the Front End pool certificate. Include lync.contoso.com as a subject alternative name (SAN).	
Generate a request to renew Front End pool certificate. Include lyncdiscover.contoso.com as a subject alternative name (SAN).	
Restart Lync services.	

**Answer: ABC**

Answer Area	
Enable the topology.	
Assign the certificate to the Front End pool servers.	
Generate a request to renew the Front End pool certificate. Include lync.contoso.com as a subject alternative name (SAN).	
Generate a request to renew Front End pool certificate. Include lyncdiscover.contoso.com as a subject alternative name (SAN).	
Restart Lync services.	

**Question: 81**

You support a customer whose network environment includes Microsoft Lync Server 2013 Standard deployed with an Edge Server that is connected to the Internet. Some users have Lync Mobile installed on their mobile devices. When the users attempt to sign in to Lync from their mobile devices on a carrier network, they receive the following error message: "Cannot connect to the server. It might be unavailable. Also please check your network connection, sign-in address, and server addresses." You need to ensure that users are able to sign in to Lync from their mobile devices on a carrier network. What should you do?

```
celog |  
INFO :: :AutoDiscover::DnsAutoDiscoverTask::TryAutoDiscoverUrls: Trying url, https://autodiscover.contoso.com/autodiscover/autodiscover.xml  
INFO :: :DoesDomainMatchServer::DoesDomainMatchServer, ret=1, (contoso.com, autodiscover.contoso.com)  
INFO :: :WebServices::SoapTransport::OpenNewInternetHandle: Connecting using INTERNET_OPEN_TYPE_DIRECT flag  
WARN :: :WebServices::SoapTransport::OpenAndSendDummyRequest: HttpsSendRequest failed. Server=autodiscover.contoso.com, Path=/autodiscover/autodiscover.xml  
ERROR :: :WebServices::SoapTransport::GetHttpHeaders: Failed to send a dummy request: hr=0x80072f0d, url=https://autodiscover.contoso.com/autodiscover/autodiscover.xml  
INFO :: :AutoDiscover::DnsAutoDiscoverTask::TryAutoDiscoverUrls: GetHttpHeaders failed with 0x80072f0d  
WARN :: :AutoDiscover::DnsAutoDiscoverTask::TryAutoDiscoverUrls: Exception with this url. hr=0x80072f0d
```

- A. Add a LyncDiscover DNS entry that points to the Lync Edge Server.
- B. Add a LyncDiscover DNS entry that points to the Lync Front End Pool Server by using a reverse proxy.
- C. Add a LyncDiscoverInternal DNS entry that points to the Lync Edge Server.
- D. Add a LyncDiscoverInternal DNS entry that points to the Lync Front End Pool Server by using a reverse proxy.

---

**Answer: B**

---

## Question: 82

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You support a customer whose network environment includes Microsoft Lync Server 2013. A firewall filters all inbound traffic from the Internet. All outbound IP traffic is permitted. Users report voice quality problems when they attempt to communicate with external participants. You need to ensure that Lync users are able to communicate with external participants. Which two ports should you open on the firewall? (Each correct answer presents part of the solution. Choose two.)

- A. TCP port 443
- B. UDP port 3478
- C. TCP port 4443
- D. TCP port 5061
- E. TCP port 8057

---

**Answer: AB**

---

## Question: 83

---

You support a Microsoft Lync Server 2013 environment that includes:

- Two Enterprise consolidated Lync servers in a single pool,
- Two Edge consolidated Lync servers in a single pool,
- One Microsoft Office Web Apps server, and
- One reverse HTTP(S) proxy server.

Microsoft Exchange 2010/Microsoft Outlook 2013 are used for internal email and Unified Messaging. The email solution has been used within the company for an extended time without any issues. Unified Messaging has been configured and set up as part of the Lync 2013 implementation project. You plan to deploy Enterprise Voice for all users, including users who have Lync Phone Edition (LPE) devices that are connected by using a LAN cable and a USB cable. You begin migrating test accounts. When a test user signs into Outlook 2013 and Lync 2013, all communications appear to be working as expected. Outlook creates the user profile as expected and logs into the test user mailbox. The test user signs into Lync as expected and is able to communicate with Exchange by using Exchange Web Services (EWS). After the test user signs into Lync, a prompt is displayed requesting user credentials for the Lync Phone Edition device. The test user enters his credentials and the phone signs into Lync; however, after a short period of time, a yellow warning triangle appears on every test LPE device. In reviewing the LPE device for errors, you discover that Exchange integration is failing with the following error: "Connection to Microsoft Exchange is unavailable. Please contact your support team." Logs from the LPE Device are displayed in the Exhibit 1. (Click the Exhibit button.)

Internet Information Services (IIS) logs on the Exchange Client Access server (CAS) are displayed in Exhibit 2. (Click the Exhibit button.)

islog  
RPC\_OUT\_DATA /rpc/rpcproxy.dll 8813fe63-725c-4d22-86be-8d50c387f6b1@contoso.com:60048[Request Id=f6be5e30-5895-4856-bfa3-a2f4cb464af1] 443 - 192.168.64.150 MSRPC - 401 1 2148074254 0  
RPC\_IN\_DATA /rpc/rpcproxy.dll 8813fe63-725c-4d22-86be-8d50c387f6b1@contoso.com:60018[RequestId=53dc5724-e2a2-4e6e-9e72-88896cb35c38] 443 contoso\testuser1 192.168.64.150 MSRPC - 200 1  
RPC\_OUT\_DATA /rpc/rpcproxy.dll 8813fe63-725c-4d22-86be-8d50c387f6b1@contoso.com:60018[RequestId=29e16073-dea7-44f4-978e-2ae0c354ccc8] 443 contoso\testuser1 192.168.64.150 MSRPC - 200 1  
GET /autodiscover/autodiscover.xml - 80 - 192.168.65.101 OCPHONE/4.0.7577.4372+(Microsoft+Lync+Phone+Edition) - 403 4 51  
RPC\_IN\_DATA /rpc/rpcproxy.dll a9f27e2d-99bb-4f40-9b4a-7787d3d7c35d@contoso.com:60018[RequestId=a88b2b6e-c315-495d-9b59-2810d82d7070] 443 contoso\\$M\_6029493cc6524df48 fe80::bd5c:4a23:  
RPC\_OUT\_DATA /rpc/rpcproxy.dll a9f27e2d-99bb-4f40-9b4a-7787d3d7c35d@contoso.com:60018[RequestId=e6f66b11-9225-41e4-a6ae-d3af8daed1e] 443 contoso\\$M\_6029493cc6524df48 fe80::bd5c:4a23

You need to ensure that the LPE device can authenticate to EWS. What should you do?

- A. Remove the Lync Client certificates for the test user from the Lync server.
- B. Reissue the current Exchange CAS server certificate and bind to the IIS service.
- C. Update the certificate chain on the Exchange CAS.
- D. Update the Lync server internal web services certificate on each front-end pool server.

**Answer: C**

## Question: 84

### DRAG DROP

You are helping your customer perform a side-by-side migration from Microsoft Lync Server 2010 to Microsoft Lync Server 2013. Your customer's Lync environment currently includes the following:

- Lync Server 2010 Pool with two Enterprise Edition Front End servers
- Lync Server 2010 Mediation Server pool with one Mediation Server
- Lync Server 2010 Edge pool with one Edge Server
- Lync Server 2010 Audio/Video (A/V) pool with two A/V Servers
- Lync Server 2010 Monitoring and Archiving Server
- Lync Server 2013 Pool with three Enterprise Edition Front End servers and collocated Mediation Server pool
- Lync Server 2013 Persistent Chat server pool with two servers
- Lync Server 2013 Edge Server pool with two servers
- Two Session Initiation Protocol (SIP) trunks connected to Lync Server 2010 Mediation Server
- Two SIP trunks connected to Lync Server 2013 Front End Pool Mediation server pool

Your customer moves a batch of users to Lync Server 2013. One user reports that when she escalates the IM conversation to an Audio/ Video conference with her colleague who is on Lync Server 2010, audio and video quality become choppy. She also reports that the bars change from green to orange to red. Users who are on Lync Server 2010 do not report any problems with audio or video quality. The Lync Server 2013 user reports that after a few minutes, everything starts working fine. You discover that the Lync 2013 user is using a home Wi-Fi connection. You start a Lync 2010 client on a test computer and sign in with a Lync Server 2010 test user account. You start a Lync 2013 client on a second test computer and sign in with a Lync Server 2013 test user account. You re-create the problem by using two test user accounts and collect the following information:

- log file from each client
- Lync events from each client
- log files from both Front End Server pools
- Lync Server event from Lync Server 2013 pool
- Network Monitor data on Edge Server
- Network Monitor data on the test computer that has Lync 2013

You need to analyze the logs and packet data to diagnose the problem.

Which three steps should you perform 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.)

Answer Area
Locate calls that use the DSCP tag.
Open the Network Trace Log (PCAP) file by using NetMon.
Review the ms-client-diagnostic label.
Review the RTP packets from the Network Trace Log (PCAP) file.
Open the Lync Server 2013 log file by using Snooper.
Open the Lync 2010 client log file by using Snooper.
Locate the test call.
Locate calls that use port 5061.

**Answer:**

Answer Area
Locate calls that use the DSCP tag.
Open the Network Trace Log (PCAP) file by using NetMon.
Review the ms-client-diagnostic label.
Review the RTP packets from the Network Trace Log (PCAP) file.
Open the Lync Server 2013 log file by using Snooper.
Open the Lync 2010 client log file by using Snooper.
Locate the test call.
Locate calls that use port 5061.

### **Question: 85**

You support a customer who administers Microsoft Lync Server 2013 Enterprise servers in his company. The pool named lync.contoso.com is configured with the session initiation protocol (SIP) domain contoso.com.

```

_gc._tcpSRV priority 0, weight 100, port 3268 dc1.contoso.com
_ldap._tcpSRV priority 0, weight 100, port 389 dc1.contoso.com
_MergerForces._tcpSRV priority 0, weight 100, port 88 dc1.contoso.com
_sipinternal._tcpSRV priority 0, weight 0, port 5061, lync.contoso.com
_sip._tcpSRV priority 0, weight 0, port 5061, lync.contoso.com
EnterpriseCA A 192.168.10.5
Autodiscover A 192.168.10.10
Lyncdiscoverinternal A 192.168.10.10
Exchange2010 A 192.168.10.4
OWA A 192.168.10.3
DC1 A 192.168.10.3
Sip A 192.168.10.10

```

Users who are running Lync Mobile on their mobile devices report that when they attempt to retrieve calendar information, they receive an error that references a Microsoft Exchange Web Services connectivity issue. You need to ensure that users are able to receive calendar information from Lync Mobile devices. What should you do?

A. Create the following service record in DNS:

\_lyncdiscover.\_ccp.contoso.com SRV Priority 0, weight 0, port 5061, Lync.contoso.com

B. Create the following host record in DNS:

Autodiscover.contosc.com A 192.168.10.4

C. Reconfigure Dynamic Host Configuration Protocol (DHCP) option 43 to point to EnterpriseCA.contoso.local.

D. Reconfigure Dynamic Host Configuration Protocol (DHCP) option 120 to point to DC1.contoso.local.

---

**Answer: B**

---

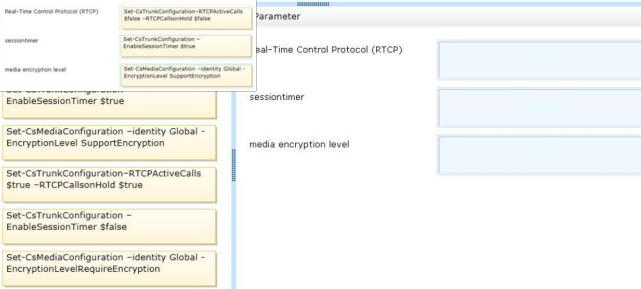
### **Question: 86**

---

**DRAG DROP**

You support a customer whose network environment includes Microsoft Lync Server 2013. Your environment is connected to a third-party network that is supported as a peer IP Private Branch Exchange (PBX) by using direct Session Initiation Protocol (SIP). Both environments are configured properly, and call routing is functional within the two domains. Media Bypass is configured.

Protocols used to specify quality of service (QoS) feedback, synchronization between media streams, and Secure Real-time Transport Protocol (SRTP) are not supported. Users report that they experience poor audio quality when calling public switched telephone network (PSTN) numbers. You need to improve call quality when calling PSTN numbers. Which PowerShell cmdlet should you use with each parameter? (To answer, drag the appropriate cmdlet to the correct parameter or parameters. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



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**Answer:**

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**Question: 87**

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You support Microsoft Lync Server 2013 servers in your customer's network. The network includes two branches connected with a 10Mbps network circuit. The circuit has 2 Mbps of dedicated bandwidth for Lync voice traffic. RT Audio WB codec with 50 simultaneous calls is used. Users report that calls between the branches are being dropped, and voice quality is degraded. You need to calculate a bandwidth for the RT Audio WB codec. What minimum required dedicated bandwidth should you allocate?

- A. 2.5 Mbps
- B. 3 Mbps
- C. 3.5 Mbps
- D. 34 Mbps

---

**Answer: B**

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**Question: 88**

---

You support a datacenter that runs Microsoft Lync Server 2013 with Enterprise Voice (EV). The company has opened two new satellite branches and configured one with a Survivable Branch Appliance (SBA) and the other with a Survivable Branch Server (SBS). Neither branch has a DNS server. A wide area network (WAN) outage occurs and EV stopped working for the branch users. You need to ensure that EV functionality continues in the event of WAN outages. What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Enable backup Registrar discovery by configuring the SBA or SBS to respond to Dynamic Host Configuration

Protocol (DHCP) 120 queries.

- B. Enable backup Registrar discovery by configuring Dynamic Host Configuration Protocol (DHCP) option 120 on the branch site's DHCP server to point to the fully qualified domain name (FQDN) of the SBA or SBS.
- C. Enable backup Registrar discovery by configuring Dynamic Host Configuration Protocol (DHCP) option 55 on the branch site's DHCP server.
- D. Enable backup Registrar discovery by configuring Dynamic Host Configuration Protocol (DHCP) option 60 on the branch site's DHCP server.

---

**Answer: A, B**

---

### Question: 89

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DRAG DROP

You support a Microsoft Lync Server 2013 environment that includes the following:

- Enterprise Edition pool with two Front End Servers named Lync2013FE1 and Lync2013FE2
- One Back End Server named Lync2013BE
- One Edge Server installed into a perimeter network named Lync2013Edge

Currently traffic between LAN networks and the perimeter network is blocked.

You discover that configuration changes are not replicated to the Edge Server. You run the Get-CsManagementStoreReplicationStatus cmdlet. You discover that on the Edge Server, UpToDate is shown as false. You need to replicate the latest configuration changes to the Edge Server and bring it up to date. Which three actions should you perform 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.)

Answer Area
From the Topology Builder, enable SQL Server mirroring.
From the Topology Builder, find the port that is configured on the Edge server for internal replication.
From PowerShell on the Front End Servers, run the <b>Invoke-CsManagementStoreReplication</b> cmdlet.
Create a firewall rule to open an internal replication port between the Front End and Edge servers.
From PowerShell, run the <b>Import-CsConfiguration</b> cmdlet.
Reissue the internal certificate on the Edge Server to include the fully qualified domain name (FQDN) of the Back End Server.
From PowerShell, run the <b>Export-CsConfiguration</b> cmdlet.
From Topology Builder, publish Topology.

---

**Answer:**

---

\_sipinternal.\_tcp.contoso.local SRV priority 0, weight 0, port 5061, lync2013pool.contoso.local  
\_tcp\_kerberos.contoso.local SRV priority 0, weight 100, port 88, DC.contoso.local  
DC A 192.168.10.20  
Dialin A 192.168.10.10  
Admin A 192.168.10.20  
FE2013 A 192.168.10.10  
BE2013 A 192.168.10.11

## Q No | 55

Answer Area	
From the Topology Builder, enable SQL Server mirroring.	From the Topology Builder, find the port that is configured on the Edge server for internal replication.
From PowerShell on the Front End Servers, run the <b>Invoke-CsManagementStoreReplication</b> cmdlet.	Reissue the internal certificate on the Edge Server to include the fully qualified domain name (FQDN) of the Back End Server.
Create a firewall rule to open an internal replication port between the Front End and Edge servers.	From PowerShell, run the <b>Export-CsConfiguration</b> cmdlet.
From PowerShell, run the <b>Import-CsConfiguration</b> cmdlet.	
From Topology Builder, publish Topology.	

## Question: 90

You deploy Microsoft Lync Server 2013 Enterprise Edition and create a pool named Lync2013pool.Contoso.local. You configure the Lync admin URL to be admin.contoso.local. The Front End and Back End roles are installed on servers named FE2013 and BE2013. Your DNS server hosts the following records:

You attempt to open the Lync Server Control Panel and you receive an error message. You need to be able to open the Lync Server Control Panel. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Create the following DNS A record:  
Meet.contoso.local A 192.168.10.10
- B. Modify the following DNS A record:  
admin.contoso.local to point 192.168.10.10
- C. Create the following DNS A record:  
lync2013pool.contoso.local A 192.168.10.10
- D. Create the following DNS A record:  
lyncdiscoverinternal.contoso.local A 192.168.10.10
- E. Create the following DNS SRV record:  
\_sipinternal.\_tcp.contoso.local SRV priority 0, weight 0, port 5061 lync2013pool.contoso.local

Answer: BE

## Question: 91

You support a Microsoft Lync Server 2013 datacenter that has:

- Two paired Front End pools named ConPool01 and ConPool02 running Microsoft Lync Server 2013.
- 65,000 users.

Meeting content is stored on ConPool01.

The servers that are running ConPool01 suffer a catastrophic failure. You take the following steps:

- Failover users to ConPool02.
- Correct the failure on ConPool01.
- Failback the users to ConPool01.

You need to restore meeting content for users.

Which cmdlet(s) should you run?

- A. Get-CsDatabaseMirrorState cmdlet and then Invoke-CSManagementServerFailover PowerShell
- B. Test-CsDatabase cmdlet, and then Get-CsUserDatabaseState
- C. Invoke-CsPoolFailover PowerShell
- D. Invoke-CsBackupServiceSync

---

**Answer: D**

---

### **Question: 92**

You administer Microsoft Lync Server 2013 Enterprise servers in your company network. Your network environment includes the following:

- A single Front End Server named Lync2013FE
- A single Back End Server named Lync2013BE
- An Edge Server named Lync2013Edge

You delegate the CsServerAdministrator role to User1. You want User1 to manage installation and deployment of device updates for Lync 2013 devices. User1 fails to import a device update package on the Lync 2013 server due to insufficient permissions. You need to ensure that User1 has the minimum permissions required to install and manage updates for Lync devices. What should you do?

- A. Assign User1 the CsVoiceAdministrator role.
- B. Grant User1 membership to the RTCUniversalServerAdmins group.
- C. Assign User1 the CsLocationAdministrator role.
- D. Grant User1 membership to the RTCUniversalUserAdmins group.

---

**Answer: B**

---

### **Question: 93**

You plan to deploy Microsoft Lync Server 2013 Enterprise with a side-by-side upgrade from Microsoft Lync Server 2010. You update the schemas, forest, and domain successfully. The Lync Server 2013 topology builder is now providing topology builder functionality for both Lync Server 2010 and Lync Server 2013 environment. The Central Management Store master is on the Lync Server 2010 pool. You recently deployed a Lync Server 2013 Edge Server, and all Lync services have been running. On Lync Server Management Shell at CMS master, you execute the Get-CsManagementStoreReplicationStatus command.

You discover that the Edge Server displays the value False in the UpToDate field, and the LastStatusReport field shows no date.

You need to determine the cause of the replication error.

What should you do?

- A. Start ClsController.exe on the Lync Server 2013 Front End Server and specify the UserReplicator scenario.
- B. Start OCSLogger on the Lync Server 2010 Front End Server and select the following components:
- XDS\_Master\_Replicator
  - XDS\_File\_Transfer\_Agent
  - XDS\_Replica\_Replicator
- C. Start OCSLogger on the Lync Server 2013 Edge Server and select the following components:
- S4
  - SIPStack component
- D. Start OCSLogger on the Lync Server 2010 Front End Server and select the following components:
- ServerTransportAdapter
  - Dlx

---

**Answer: B**

---

### **Question: 94**

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You are a member of the CsAdministrator group that supports the Microsoft Lync datacenter for the Contoso company. The datacenter consists of two pools:

- A Lync 2010 pool named ConPool01 hosts the Central Management Store.
- A Lync 2013 pool named ConPool02.

You are migrating from Microsoft Lync Server 2010 to Microsoft Lync Server 2013.

The servers that run ConPool01 suffer a catastrophic failure.

You need to ensure that the users that are hosted on ConPool02 are supported permanently on ConPool02.

What should you do?

- A. Run the Get-CsDatabaseMirrorState cmdlet, and then run the Invoke-CSManagementServerFailover PowerShell cmdlet.
- B. Run the Invoke-CsPoolFailover PowerShell cmdlet.
- C. Run the Set-CsConfigurationStoreLocation cmdlet.
- D. Run the Install-CsDatabase PowerShell cmdlet, and then run the Move-CsManagementServer cmdlet.

---

**Answer: D**

---

### **Question: 95**

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#### **DRAG DROP**

You support a customer whose network environment includes a Microsoft Lync Server 2013 Standard Edition deployed for instant messaging (IM), presence, voice, video, audio conferencing, video conferencing, and Enterprise Voice workloads. Your customer also has an IP Private Branch Exchange (PBX), which the company plans to decommission within the next three months. Your customer has deployed a session initiation protocol (SIP) trunk solution from a service provider with the Lync Server 2013 environment. You are also using a media gateway connecting the Lync Server 2013 and IP PBX for voice between the IP PBX phones and the Lync 2013 phones. You have eliminated the T1 connection to the IP PBX and you are using Lync 2013 Enterprise Voice services for all public switched telephone network (PSTN) calls for all users. IP PBX phone users connect to the company meeting by using Lync's dial-out capability. IP PBX phone users report the following issues:

- The name and number displayed for incoming calls are incorrect.
- When users make outgoing calls, call quality deteriorates over time to the point that they cannot hear the other participants.
- Outgoing calls to PSTN sometimes get re-order tones.
- Users who join the conference by using the Call Me feature report issues with incoming calls, affecting both

display and voice quality.

You are unable to reproduce the issues by using test phone lines on IP PBX and test Lync client accounts on Lync Server 2013.

You decide to use a user's telephone to try to reproduce the problem.

You need to capture troubleshooting details from the Lync Server 2013 environment of a test call that uses the executive IP PBX

Which four commands should you run 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.)

Answer Area
ClController.exe -start -scenario IncomingAndOutgoingCall -Pools lyncpool01.litware.biz,Lyncedge.litware.biz
ClController.exe -Flush -pools lyncpool01.litware.biz,lynchedge.litware.biz
ClController.exe -stop -scenario IncomingAndOutgoingCall -Pools lyncpool01.litware.biz,lynchedge.litware.biz
ClController.exe -Search -Pools lyncpool01.litware.biz,lynchedge.litware.biz -loglevel verbose > Lync.log
ClController.exe -Search - computers lyncfe1.litware.biz -loglevel verbose > Lync.log
ClController.exe -stop -scenario AlwaysOn -Pools lyncpool01.litware.biz,lynchedge.litware.biz
ClController.exe -Flush -Computers lyncfe1.litware.biz

**Answer:**

Answer Area
ClController.exe -Search -Pools lyncpool01.litware.biz,lynchedge.litware.biz -loglevel verbose > Lync.log
ClController.exe -start -scenario IncomingAndOutgoingCall -Pools lyncpool01.litware.biz,Lyncedge.litware.biz
ClController.exe -Search - computers lyncfe1.litware.biz -loglevel verbose > Lync.log
ClController.exe -stop -scenario AlwaysOn -Pools lyncpool01.litware.biz,lynchedge.litware.biz
ClController.exe -Flush -Computers lyncfe1.litware.biz

**Question: 96**

You administer Microsoft Lync Server 2013 Enterprise servers in your company network.

Your deployment includes the following:

- A single Front End Server named Lync2013FE
- A single Back End Server named Lync2013BE
- An Edge Server named Lync2013Edge

You plan to install a second Lync 2013 Front End Server. You want to delegate the installation task to User1.

You need to delegate the minimum level of Lync 2013 rights for User1 to be able to install a new Lync 2013 Front End Server.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. From PowerShell, run the Grant-CsSetupPermission -ComputerOU "ou=CsServers,dc=litwareinc,dc=com" cmdlet.
- B. Assign User1 the CsServerAdministrator role.
- C. Assign User1 the CsLocationAdministrator role.
- D. Grant User1 membership to the RTCUniversalServerAdmins group.
- E. From PowerShell, run the Update-CsAdminRole cmdlet.
- F. Grant User1 membership to the RTCUniversalUserAdmins group.

---

**Answer: AD**

---

### **Question: 97**

You support a Microsoft Lync Server 2013 on-premise environment that includes the following:

- An Enterprise Edition Front End Pool with three Front End Servers
- A mirrored back-end SQL database
- Both the Front End Pool and Edge Pool use hardware load balancers (HLBs)
- An Edge Server pool with two servers in perimeter network

The Lync environment supports 10,000 users in High Availability mode.

Some users report that they are unable to make outbound calls to specific public switched telephone network (PSTN) numbers. When they attempt to do so, the call appears to be connected but then drops with a reorder tone, and then they receive the following error message: "Due to network error your call cannot be completed at this time. Please try your call again."

You need to troubleshoot the issue. Which centralized logging scenario should you use?

- A. HybridVoice
- B. incomingAndOutgoingCall
- C. LYSSAndUCS
- D. MediaConnectivity

---

**Answer: B**

---

### **Question: 98**

You support a Microsoft Lync Server 2013 Enterprise pool deployed in a high availability configuration for Back End Servers. You execute the Get-CSDatabaseMirrorState cmdlet. You discover the disconnected state of SQL mirror databases as well as network connection errors pointed to the inaccessible SQL mirror server. You need to bring up the mirror databases to the synchronized state between the Back End Servers. What should you do?

- A. From the Front End Server, modify the inbound rule on the firewall.
- B. From the Lync 2013 Management Shell, run the Enable-CSComputer cmdlet.

- C. Reissue the internal Lync certificate to include the fully qualified domain name (FQDN) of the mirror Back End Server.
- D. From the mirror Back End Server, modify the inbound rule on the firewall.

---

**Answer: D**

---

**Question: 99**

You deploy a Microsoft Lync Server 2013 Enterprise Pool that is configured with Enterprise Voice and Dial-in Conferencing. All client computers run Windows 7 or Windows 8. All domain users report that they are unable to use application sharing while they are attending conferences. Voice and dial-in conferencing function as expected. You need to ensure that domain users are able to share applications while they are attending conferences. You need to achieve this goal with the least amount of administrative effort. What should you do?

- A. Create a user policy that enables participants to allow desktop and application sharing.
- B. Modify the global policy that enables participants to allow desktop and application sharing.
- C. Modify the global policy that allows federated and anonymous participant to download content.
- D. Modify the global policy and enable the Allow federated and anonymous participant to take control option.

---

**Answer: B**

---

**Question: 100**

**HOTSPOT**

Your customer supports a Microsoft Lync Server 2013 environment.

Users are unable to add a federated user to an AV conference. The affected users can view the federated user's presence, and the internal users' External Access Policy is configured to allow communication with federated users. You attempt to initiate a Telnet session to TCP port 5062 from your Lync Server 2013 Front End Server to your Lync Server 2013 Edge Server's internal interface, but you receive an error message that includes "Could not open a connection to the host, on port 5062:

Connect failed."

You decide to work with the network team to ensure that the Lync Server 2013 environment has the appropriate connectivity to ensure media path negotiation and media flow between the front end server and the Edge server.

You need to ensure that users are able to add federated users to an AV conference.

Which network ports should you confirm are open on the Lync Server 2013 Front End Server and on the Lync Server 2013 Edge Server? To answer, select the appropriate server or servers for each port in the answer area.

	Open on Front End server	Open on Edge server	Open on Edge server
TCP/443	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UDP/3478	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TCP/3478	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCP/80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCP/5061	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TCP/5062	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCP/5062	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

---

**Answer:**

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**Question: 101**

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You support Microsoft Lync Server 2013 Enterprise servers in your customer's organization. All client computers run Windows 7 or Windows 8. You configure dial-in conferencing. Users are dispersed in several locations. Users report that they cannot use dial-in conferencing for their conferences. You run the Get-CsDialPlan cmdlet and receive the output shown in the following exhibit. (Click the Exhibit button.)

```
Administrator:Lync Server Management Shell
PS C:\Users\administrator.CONTOSO> get-csdialplan

Identity          : Global
DialInConferencingRegion : 
NormalizationRules : {Description=Pattern=(\d{4});Translation=$1;Name=Re
ep All;InternalExtension=False}
CountryCode       : 
AreaCode          : 
City              : 
ExternalAccessPrefix : DefaultProfile
OptimizeDeviceDialing : False

PS C:\Users\administrator.CONTOSO>
```

You need to ensure that users can join conferences by using dial-in conferencing. What should you do?

- A. Associate a public switched telephone network (PSTN) usage record with a dial-in conferencing region.
- B. Associate a dial-in conferencing access number with a dial-in conferencing region.
- C. Associate a trunk route with a dial-in conferencing region.
- D. Create a user dial plan and associate the user dial plan with a dial-in conferencing access number.

---

**Answer: B**

---

## Question: 102

---

You support a customer whose Microsoft Lync Server 2013 environment includes a single Lync Server 2013 Standard Edition pool located in a main office and four branch offices that are connected by a 3MB dedicated wide area network (WAN) link, with 100 users in each office. The Lync client's IP address is 10.0.0.100. The Lync IP server's address is 192.168.255.2. Quality of Service (QoS) is configured in Lync server for voice to use the differentiated services code point (DSCP) with a value of 46. Users in the branch offices report poor audio quality during conferences that are hosted on Lync. The results of a network trace include the following information:

```
Frame 1646: 146 bytes on wire (1168 bits), 146 bytes captures (1168 bits) on interface 0
Ethernet II, Src: Sierrawi_19:df:9b (84:db:2f:19:df:9b), Dst: Intelcor_64:21:98 (58:94:6b:64:21:98)
  Destination: Intelcor_64:21:98 (58:94:6b:64:21:98)
  Source: Sierrawi_19:df:9b (84:db:2f:19:df:9b)
  Type: IP (0x0800)
Internet Protocol Version 4, Src: 24.249.188.164 (24.249.188.164), Dst: 192.168.255.2 (192.168.255.2)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x48 (DSCP 0x12: Assured Forwarding 21: ECN: 0x00: Not-ECT (Not ECN-Capable Transport))
  Total length: 132
  Identification: 0x3de5 (15845)
  Flags: 0x00
  Fragment offset: 0
  Time to live: 107
  Protocol: UDP (17)
  Header checksum: 0x7bf3 [correct]
  Source: 24.249.188.164 (24.249.188.164)
  Destination: 192.168.255.2 (192.168.255.2)
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: stun (3478), Dst port: 5396 (5396)
  Source port: stun (3478)
  Destination port: 5396 (5396)
  Length: 112
  Checksum: 0x3854 [validation disabled]
    [Good checksum: False]
    [Bad checksum: False]
Simple Traversal of UDP Through NAT
  Message Type: Data Indication (0x0115)
  Message Length: 0x0054
  Message Transaction ID: 719571959f489811000000000000000000000000
Attributes
  Attribute: MAGIC_COOKIE
  Attribute: REMOTE_ADDRESS
  Attribute: DATA
```

Based on the network trace, you need to identify the most likely cause of the call quality issues.  
Which setting should you modify?

- A. Geo IP
- B. MTU
- C. DSCP value
- D. STUN port

---

**Answer: C**

### **Question: 103**

You support a customer whose Microsoft Lync Server 2013 Enterprise Pool is configured with Enterprise Voice and Dial-in Conferencing. You specify a Session Initiation Protocol (SIP) Uniform Resource Identifier (URI) for the dial-in conferencing access number. You discover that the SIP URI was configured incorrectly. You need to change the SIP URI. What should you do?

- A. Run the Set-CsDialInConferencingAccessNumber cmdlet.
- B. Delete the object and recreate the access number.
- C. Run the Set-CsSipResponseCodeTranslationRule cmdlet.
- D. Run the New-CsDialInConferencingDtmfConfiguration cmdlet.

---

**Answer: B**

### **Question: 104**

You deploy a Microsoft Lync Server 2013 Enterprise Pool that is configured with Enterprise Voice and Dial-in Conferencing. All client computers run Windows 7 or Windows 8, and all use Lync 2013. Users report that they are

```

FarmOU :
InternalURL : https://wac.contoso.com/
ExternalURL :
AllowHTTP : True
SSLCertName : WAC Cert
EditingEnabled : False
LogLocation : C:\ProgramData\Microsoft\OfficeWebApps\Data\Logs\ULS
LogRetentionInDays : 7
LogVerbosity :
CacheLocation : C:\ProgramData\Microsoft\OfficeWebApps\Working\d
MaxMemoryCacheSizeInMB : 75
DocumentInfoCacheSize : 5000
CacheSizeInGB : 15
ClipartEnabled : False
TranslationEnabled : False
MaxTranslationCharacterCount : 125000
TranslationServiceAddress :
TranslationServiceAddressId :
RenderingLocalCacheLocation : C:\ProgramData\Microsoft\OfficeWebApps\Working\waccache
RecycleActiveProcessesCount : 5
AllowCEI : False
ExcelRequestDurationMax : 300
ExcelSessionTimeout : 450
ExcelWorkbookSizeMax : 10
ExcelPrivateBytesMax : -1
ExcelExternalDataCacheLifetime : 1800
ExcelExternalDataCacheLifetime : 300
ExcelAllowExternalData : True
ExcelWarnOnDataRefresh : True
OpenFromUrlEnabled : False
OpenFromUnEnabled : True
OpenFromUrlOctetStringEnabled : True
AllowHttpsSecureStoreConnections : False
Machines : (WAC)

```

t presentations with users who are using certain mobile devices. They also report h a PowerPoint presentation independent of the presentation itself. You need to ences, users are able to share PowerPoint presentations with users who are using ure that users are able to scroll through PowerPoint presentations. What should

r on a server and configure Lync Server 2013 to communicate with Office Web Apps.

- Install an Office Web Apps Server on a server that is running Office 2013 and configure Lync Server 2013 to communicate with Office Web Apps.
- Install Office 2013 for all users and instruct them to use PowerPoint 2013.
- Configure a new conferencing policy and enable the AllowMultiView.

---

**Answer: A**

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## Question: 105

---

You support a customer whose network environment includes Microsoft Lync Server 2013 Standard Edition deployed with an Edge Server that is connected to the Internet. A user reports that when he tries to share a Microsoft PowerPoint presentation in a Lync conference, external users receive the following error message: "Some sharing features are unavailable due to server connectivity issues." You ask the customer to run the Get-OfficeWebAppsFarm cmdlet on the Office Web Application Companion (WAC) server. He provides the following result:

You need to ensure that external users are able to share and view PowerPoint presentations in Lync meetings. What

should you do?

- A. Install WAC on the Edge Server.
- B. Set the ExternalUrl parameter on the WAC server and publish to the Internet by using a reverse proxy.
- C. Install WAC on the Front End pool.
- D. Set the InternalUrl parameter on the WAC server and publish to the Internet by using a reverse proxy.

---

**Answer: B**

---

### **Question: 106**

You support a customer whose company network includes Microsoft Lync Server 2013 with web conferencing deployed at a main site named Washington and a branch site named Redmond. All users have Lync 2013 and Microsoft Outlook 2013 installed. UserA and UserB are both Lync-enabled users at your customer's main site. UserA has the Global conferencing policy and the Washington meeting configuration assigned to his account. UserB has the Redmond conferencing policy and the Global meeting configuration assigned to his account. In online meetings that UserA schedules, users can collaborate using videoconferencing. In online meetings scheduled by UserB, videoconferencing is not available. You need to determine why videoconferencing is unavailable in UserB's meetings. Which cmdlet should you run from the Lync Server Management Shell?

- A. Get-CSConferencingPolicy -Identity Redmond
- B. Get-CSMeetingConfiguration -Identity Redmond
- C. Get-CSMeetingConfiguration -Identity Global
- D. Get-CSConferencingPolicy -Identity Global

---

**Answer: A**

---

### **Question: 107**

You support a customer whose Microsoft Lync Server 2013 environment includes:

- A single Standard Edition server,
  - A single consolidated Edge server, and
  - A single Forefront Threat Management Gateway 2010 server that is acting as an HTTP(S) reverse proxy.
- A user reports that his attempts to join an online meeting by clicking the Join Online Meeting link are unsuccessful. Your need to troubleshoot the Join Online Meeting functionality from this workstation without using the installed Lync 2013 client. You need to achieve this goal by using the least amount of administrative effort. What should you do?

- A. Open Internet Explorer, type the URL of the online meeting into the Address bar, and then append ?sl=1 to the URL.
- B. Open the Lync Options menu and select Join meeting audio from: Lync.
- C. Uninstall the Lync 2013 client, open Internet Explorer, and then enter the URL of the online meeting into the Address bar.
- D. Open the Lync Options menu and set the Logging in Lync option to Full.

---

**Answer: A**

---

### **Question: 108**

You support a customer whose network environment includes Microsoft Lync Server 2013 Standard deployed with an Edge Server that is connected to the Internet. Users are able to share screens remotely during conference calls.

However, when they attempt to upload a Microsoft PowerPoint presentation, the sharing attempt fails with an error. You need to ensure that users are able to share PowerPoint presentations during Lync conference calls. What should you do?

- A. Install and configure the Office Web Apps Server Components on the Lync Pool Server.
- B. Install and configure Silverlight on the user workstations.
- C. Install and configure an Office Web Apps Server in Lync Topology.
- D. Install and configure the PowerPoint 2013 Viewer on the Lync presenter workstations.

---

**Answer: C**

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New Questions

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**Question: 109**

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You support a Microsoft Lync Server 2013 Enterprise pool deployed in a high availability configuration for Back End Servers named Backend1 and Backend2. You execute the Get-CSDatabaseMirrorState cmdlet and discover the following errors. **WARNING: Cannot connect to database server "Backend2.contoso.com".Message: A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: Named Pipes Provider, error: 40 - Could not open a connection to SQL Server)DatabaseName : rtcabStateOnPrimary : PrincipalStateOnMirror : StatusUnavailableMirroringStatusOnPrimary :synchronizedMirroringStatusOnMirror :DatabaseName : rtcxdsStateOnPrimary : PrincipalStateOnMirror : StatusUnavailableMirroringStatusOnPrimary :synchronizedMirroringStatusOnMirror**  
You need to resolve the connectivity issue and bring up the mirror databases to the synchronized state between the Back End Servers. What should you do?

- A. From the Front End Server, create the inbound rule on the firewall.
- B. Run the Test-CsDatabase cmdlet.
- C. Run the Invoke-CsPoolFailOver cmdlet.
- D. From the mirror Back End Server, create the inbound rule on the firewall.

---

**Answer: D**

---

---

**Question: 110**

---

You support a customer whose network environment includes Microsoft Lync Server 2013 Enterprise, with two Front End Servers and two Back End Servers. The Back End Servers are deployed in a high availability configuration. You create a Front End pool named pool.contoso.com and implement DNS load balancing for client access to the Lync servers. Your internal DNS records have the following configuration:

\_gc.\_tcp.contoso.com SRV priority 0, weight 100, port 3268 dc1.contoso.com\_ldap.\_tcp.contos.com SRV priority 0, weight 100, port 389 dc1.contoso.com\_kerberos.\_tcp.contos.com SRV priority 0, weight 100, port 88 dc1.contoso.com\_sip.\_tls.contoso.com SRV priority 0, weight 0, port 5061, pool.contoso.com FrontEndServer1 A 192.168.1.10FrontEndServer2 A 192.168.1.11BackEndServer1 A 192.168.1.20BackEndServer2 A 192.168.1.21Pool01 A  
192.168.1.10Pool01

A

192.168.1.11 Your Lync 2013 clients fail to sign in automatically. The trace log of failed sign-in attempt is as follows:

INFO

```
:: QueryDNSSrv - DNS Name[_sipinternalts._tcp.contoso.com]ERROR :: HRESULT failed: 80072726 =  
HRESULT_FROM_WIN32(::ShimWSAGetLastError()) . Failed to convert string IP to SOCKADDRERROR ::  
ResolveHostNameUsingGetAddrInfo - getaddrinfo(pool.contoso.com) failed WARN  
:: ResolveHostName - getaddrinfo failed for pool.contoso.com ERROR :: ResolveHostNameUsingDnsQuery -  
DnsQuery(pool.contoso.com) failed WARN  
:: ResolveHostName - DNS lookup failed for pool.contoso.com ERROR :: ResolveHostName - Name resolution for  
pool.contoso.com failedERROR :: ResolveHostSyncResolveHostName failed ERROR :: GetDnsResults - did not get any  
resultERROR :: QueryDNSSrvGetDnsResults query: _sipinternalts._tcp.contoso.com failed ERROR ::  
DNS_RESOLUTION_WORKITEM::ProcessWorkItemResolveHostName failed
```

You need to ensure that internal Lync 2013 clients can sign in automatically. You also need to ensure that internal traffic is load balanced across the two Front End Servers. What should you do?

- A. Create the following host records: PoolA192.168.1.20PoolA192.168.1.21
- B. Create the following host records: PoolA192.168.1.10PoolA192.168.1.11
- C. Create the following service record: \_sip.\_tls.contoso.com SRVPriority 0, weight 0, port 5061, pool01.contoso.com
- D. Create the following host records: SipA 192.168.1.20SipA 192.168.1.21
- E. Create the following service record: \_sipinternal.\_tls.contoso.com SRVPriority 0, weight 0, port 5061, FrontEndServer1.contoso.com

---

**Answer: B**

---

### **Question: 111**

---

You support Microsoft Lync Server 2013 in your company network. Your company has four buildings on a single site. A user reports that when she calls users in another building, the call quality is poor.

You receive the Quality of Experience (QoE) report: Capture device:

Headset MicrophoneRender device: Headset EarphoneMicrophone timestamp error: 0.02msEcho percent  
microphone in: 15.21%Codec: SIRENAudio FEC: FalsePacket utilization: 32701Avg. packet loss rate: 10.21%Avg. jitter:  
23msAvg. round trip: 62msAvg. network MOS: 3.71Avg. network MOS degradation (jitter):0.00%Avg. sending MOS:  
2.97Avg. listening MOS: 3.17Receive noise level: -56dB

Which of the following values is outside acceptable limits?

- A. Receive noise level: -56dB
- B. Packet utilization: 32701
- C. Avg. round trip: 62ms
- D. Avg. packet loss rate: 10.21%
- E. Avg. jitter: 23ms

---

**Answer: D**

---

### **Question: 112**

---

You support a customer who administers Microsoft Lync Server 2013 Enterprise servers in his company. The pool named lync.contoso.com is configured with the session initiation protocol (SIP) domain contoso.com. The internal split-DNS domain contoso.com contains the following records:

\_gc.\_tcpSRV  
priority 0, weight 100, port 3268 dc1.contoso.com \_ldap.\_tcpSRV

priority 0, weight 100, port 389 dc1.contoso.com\_kerberos.\_tcpSRV  
priority 0, weight 100, port 88 dc1.contoso.com\_sipinternal.\_tcpSRV  
priority 0, weight 0, port 5061, lync.contoso.com\_sip.\_tlsSRV  
priority 0, weight 0, port 5061, lync.contoso.com\_EnterpriseCA  
A  
192.168.10.5Admin  
A  
192.168.10.10Lync A  
192.168.10.10Lyncdiscoverinternal  
A  
192.168.10.10Exchange2010  
A  
192.168.10.4OWA  
A  
192.168.10.4DC1  
A  
192.168.10.3Sip  
A  
192.168.10.10

Users who are running Lync Mobile on their mobile devices report that when they attempt to retrieve calendar information, they receive an error that references a Microsoft Exchange Web Services connectivity issue. You need to ensure that users are able to receive calendar information from Lync Mobile devices. What should you do?

- A. Reconfigure Dynamic Host Configuration Protocol (DHCP) option 120 to point to DC1.contoso.local.
- B. Create the following service record in DNS: \_lynccdiscover.\_tcp.contoso.com SRV Priority 0, weight 0, port 5061, Lync.contoso.com
- C. Reconfigure Dynamic Host Configuration Protocol (DHCP) option 43 to point to EnterpriseCA.contoso.local.
- D. Create the following host record in DNS: Autodiscover.contoso.com A 192.168.10.4

---

**Answer: D**

---

**Question: 113**

---

You deploy Microsoft Lync Server 2013 Enterprise Edition and create a pool named Lync2013pool.Contoso.local. You configure the Lync admin URL to be admin.contoso.local. The Front End and Back End roles are installed on servers named FE2013 and BE2013.

Your DNS server hosts the following records:

\_Sipinternaltls.\_tcp.contoso.local SRV priority 0, weight 0, port 5061,  
lync2013pool.contoso.local\_tcp.\_kerberos.contoso.local SRV priority 0, weight 100, port 88, DC.contoso.localDC  
A 192.168.10.20Dialin A 192.168.10.10Admin A 192.168.10.20FE2013 A 192.168.10.10BE2013 A 192.168.10.11

You attempt to open the Lync Server Control Panel and you receive an error message. You need to be able to open the Lync Server Control Panel. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Create the following DNS A record: Meet.contoso.local A 192.168.10.10
- B. Create the following DNS A record: lync2013pool.contoso.local A 192.168.10.10
- C. Create the following DNS SRV record: \_sipinternal.\_tcp.contoso.local SRV priority 0, weight 0, port 5061  
lync2013pool.contoso.local
- D. Create the following DNS A record: lynccdiscoverinternal.contoso.local A 192.168.10.10
- E. Modify the following DNS A record: admin.contoso.local to point 192.168.10.10

---

**Answer: BE**

---

**Question: 114**

---

You deploy Microsoft Lync Server 2013 Enterprise Edition and create a pool named Lync2013pool.Contoso.local. You configure the Lync admin URL to be admin.contoso.local. The Front End and Back End roles are installed on servers named FE2013 and BE2013.

You create the following DNS records: \_SipinternalLs.\_tcp.contoso.local SRV priority 0, weight 0, port 5061, lync2013pool.contoso.local Dialin A 192.168.10.10 FE2013 A 192.168.10.10 BE2013 A 192.168.10.11

You attempt to open the Lync Server Control Panel and you receive an error message. You need to be able to open the Lync Server Control Panel. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Create the following DNS A record: Meet.contoso.local A 192.168.10.10
- B. Create the following DNS A record: lync2013pool.contoso.local A 192.168.10.10
- C. Create the following DNS SRV record: \_sipinternal.\_tcp.contoso.local SRV priority 0, weight 0, port 5061 lync2013pool.contoso.local
- D. Create the following DNS A record: lyncdiscoverinternal.contoso.local A 192.168.10.10
- E. Create the following DNS A record: admin.contoso.local A 192.168.10.10

---

**Answer: B, E**

---