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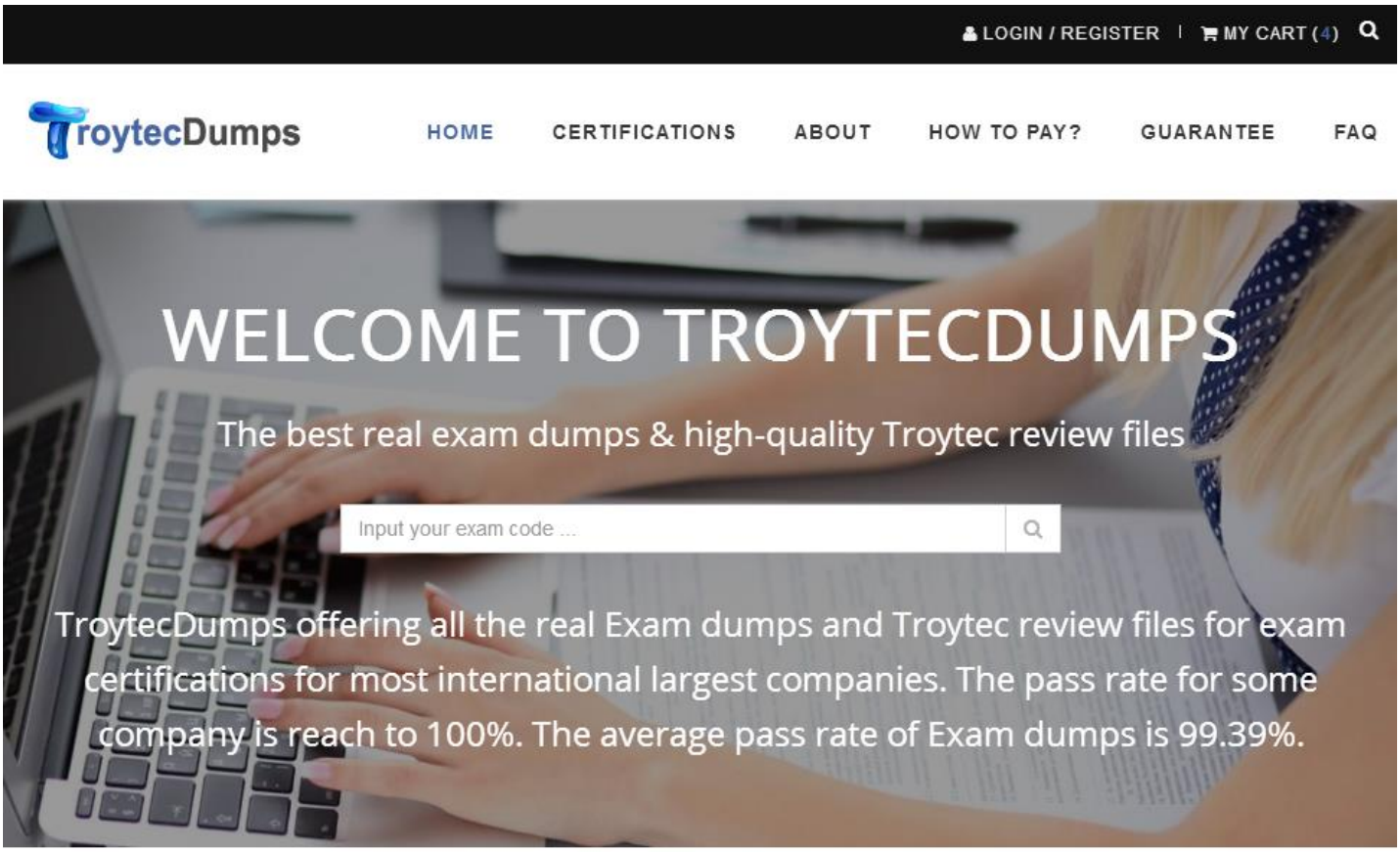

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Exam : 74-338

Title : Lync 2013 Depth Support Engineer Exam

Vendors : Microsoft

Version : DEMO

NO.1 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
Answer: C

NO.2 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.
Answer: A

NO.3 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.
Answer: D

NO.4 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              : rtcxds
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.

Answer: C

NO.5 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 Tl 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.)

Level	Date and Time	Source	Event ID	Task Category
Warning	1/29/2013 5:57:46 AM	LS Data Collection	56208	(2271)
Error	1/29/2013 5:40:02 AM	LS Outbound Routing	46009	(1036)
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	(1036)
Error	1/29/2013 5:38:02 AM	LS Outbound Routing	46026	(1036)
Error	1/29/2013 5:38:02 AM	LS Outbound Routing	46046	(1036)
Information	1/29/2013 5:31:24 AM	LS User Store Sync Agent	57004	(1061)

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

Answer: B,D
Explanation:
Investigate the first error related to LS Outbound Routing (Event ID 46009) and the next event related to LS Outbound Routing (information level event 46027).

NO.6 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 Severs, 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.
Answer: D

NO.7 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.
Answer: B

NO.8 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

NO.9 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
Answer: A

NO.10 You administer a Microsoft Lync Server 2010 Standard Edition server in your network environment.
You deploy a Microsoft Lync Server 2013 Standard Edition server.
You want to migrate users from Lync Server 2010 to Lync Server 2013. You migrate a test account from Lync Server 2010 to Lync Server 2013.
You start the Lync 2013 client on one of your test computers and start testing various modalities.
During testing, you decide to test the Meet Now functionality in Lync 2013 client. Meet Now starts a conference and fails to connect.
You start Clslogging.exe. You generate a log that includes the following information:

```
TL_INFO(TF_PROTOCOL) [0]1B6C.1D2C::01/24/2013-15:53:09.653.000e9f0e
(SIPStack, SIPAdminLog::ProtocolRecord::Flush:2387.idx(196))[1276691436] $$begin_record
Trace-Correlation-Id: 1276691436
Instance-Id: 100A6
Direction: outgoing;source="local"
Peer: xxx.com:61102
Message-Type: response
Start-Line: SIP/2.0 500 failedLookupForConferenceDirectoryOwner
From: xxx;spid=880AA80FE7;tag=6cfacaa471
To: xxx;gruu;opaque=app:conf:focusfactory>;tag=812FED173BA0CC9F4D1949C1B652DD0E
CALL-ID: 3861f3a4ecb84cad92b2a5e6e51e6971
CSEQ: 84 SERVICE
Via: SIP/2.0/TLS/xxx:6102;branch=z9hG4bK7392c;ms-received-port=61102;ms-received-cid=642E00
Content-Length: 262
Content-Type: application/cccp+xml
Ms-diagnostics: 9193;reason="Could not find a front end server that owns the given path meetind id.";source=xxx
Message-Body:
- <response xmlns="urn:ietf:params:xml:ns:cccp"
      requestid="32"
      CSPVersion="1"
      from="sip:xxx;gruu;opaque=app:conf:focusfactory"
      to="sip:xxx"
      code="failure">>\n</response>
   <addConference reason=otherFailure">

$$end_record
```

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

A. Open another log file from the Lync client in Snooper.

B. Right-click the error message and select Go to nearest entry in trace viewer.

C. Start WireShark and perform the Meet Now test again.

D. Click Show Call Flow Window.

Answer: B

NO.11 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:

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

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.

Answer: B,C

Explanation:
On supported Windows XP, Windows Vista, and Windows Server 2008 operating systems, computer-based voice and video are not available. Application viewing, application sharing, desktop viewing, and desktop sharing are available. A plug-in is required for certain Lync Web App features, including computer-based voice, video, sharing, and viewing of ongoing screen sharing. You can install the sharing plug-in either when you join the meeting or when you initiate one of these features.
Reference: Lync Web App Supported Platforms

NO.12 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.

```
_Sipinternaltls._tcp.contoso.local SRV priority 0, weight 0,
 port 5061, lync2013pool.contcso.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: 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
Answer: B,E

NO.13 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 Lync2013FEl, 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.
Answer: A,C
Explanation:
Lync Server 2013 uses certificates to provide communications
encryption and server identity authentication. In some cases, such as web publishing through the reverse proxy, strong subject alternative name (SAN) entry matching to the fully qualified domain name (FQDN) of the server presenting the service is not required. In these cases, you can use certificates with wildcard SAN entries (commonly known as "wildcard certificates") to reduce the cost of a certificate requested from a
public certification authority and to reduce the complexity of the planning process for certificates.

NO.14 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.
D. Run the Move-CsDatabase and Set-CsManagementServer cmdlets.
E. Create a Backup pool.
Answer: A,C,E
Explanation:
A: Invoke-CsPoolFailover
Invokes the failover process for a Lync Server 2013 pool. Failover refers to the process that occurs when a pool fails and the current users of that pool are then
signed on to a backup pool. The pool failover process provides a way for administrators to quickly restore service to users if the Registrar pool they have
logged on to should suddenly become unavailable. If a pool fails, users will automatically be signed off from Lync Server 2013; if they immediately try to log
back on, they will be redirected to their specified backup pool. C:
* The Move-CsManagementServer cmdlet enables administrators to move the Central Management Server (and the accompanying Central Management store) from one pool to another. Because there is always the potential for data loss, not to mention service interruption, any time you move the Central Management Server, it is recommended that you do not make such a transfer unless:
1.You need to decommission the existing management pool, and must transfer the Central

Management Server before doing so.
2.You've encountered a disaster recovery scenario in which the existing Central Management Server is no longer accessible.
Before you move the Central Management Server, you must do the following:
*1. Verify that you have created the new Central Management store.
This is done by running the Install-CsDatabase cmdlet and using the CentralManagementDatabase parameter.

NO.15 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.
Answer: D