



Microsoft

70-338

Lync 2013 Depth Support Engineer

```

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 (58:94:64:21:98)
  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: 719571959f4898110000000000000000
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 unable to share Microsoft PowerPoint presentations with users who are using certain mobile devices. They also report that they are unable to scroll through a PowerPoint presentation independent of the presentation itself. You need to ensure that while they are in conferences, users are able to share PowerPoint presentations with users who are using mobile devices. You also need to ensure that users are able to scroll through PowerPoint presentations. What should you do?

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

Answer: A

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:

```

FarmOU :
InternalURL : https://wac.contoso.com/
ExternalURL :
AllowHTTP : True
SSLOffloaded : False
CertificateName : WAC Cert
EditingEnabled : False
LogLocation : C:\ProgramData\Microsoft\OfficeWebApps\Data\Logs\ULS
LogRetentionInDays : 7
LogVerbosity :
Proxy :
CacheLocation : C:\ProgramData\Microsoft\OfficeWebApps\Working\d
MaxMemoryCacheSizeInMB : 75
DocumentInfoCacheSize : 5000
CacheSizeInGB : 15
ClipartEnabled : False
TranslationEnabled : False
MaxTranslationCharacterCount : 125000
TranslationServiceAppId :
TranslationServiceAddress :
RenderingLocalCacheLocation : C:\ProgramData\Microsoft\OfficeWebApps\Working\waccache
RecycleActiveProcessCount : 5
AllowCEIP : False
ExcelRequestDurationMax : 300
ExcelSessionTimeout : 450
ExcelWorkbookSizeMax : 10
ExcelPrivateBytesMax : -1
ExcelConnectionLifetime : 1800
ExcelExternalDataCacheLifetime : 300
ExcelAllowExternalData : True
ExcelWarnOnDataRefresh : True
OpenFromUrlEnabled : False
OpenFromDncEnabled : True
OpenFromUrlThrottlingEnabled : True
AllowHttpSecureStoreConnections : False
Machines : {WAC}

```

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. You 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

QUESTION: 109

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.contoso.com SRV priority 0, weight 100, port 389
dc1.contoso.com_kerberos._tcp.contoso.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[_sipinternaltls._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:
```

```
_sipinternaltls._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 Microphone Render device: Headset Earphone Microphone timestamp error: 0.02ms Echo percent microphone in: 15.21% Codec: SIRENAudio FEC: False Packet utilization: 32701 Avg. packet loss rate: 10.21% Avg. jitter: 23ms Avg. round trip: 62ms 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: -56dBov Which of the following values is outside acceptable limits?

- A. Receive noise level: -56dBov
- 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: _lyncdiscover._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: lyncdiscoverinternal.contoso.localA 192.168.10.10
- E. Modify the following DNS A record: admin.contoso.local to point 192.168.10.10

Answer: B, E

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: _Sipinternaltls._tcp.contoso.local SRV priority 0, weight 0, port 5061, lync2013pool.contoso.localDialin A 192.168.10.10FE2013 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: lyncdiscoverinternal.contoso.localA 192.168.10.10
- E. Create the following DNS A record: admin.contoso.localA 192.168.10.10

Answer: B, E

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