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Microsoft

70-334 PRACTICE EXAM

Core Solutions of Microsoft Skype for Business

Product Questions: 114/6 Case Study

Version: 10.0

Case Study: 1

Litware, Inc.

Overview

Litware, Inc. is an international manufacturing company that has 10,000 users. The company has two offices. The offices are located in New York and Denver.

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

Existing Environment

Active Directory Infrastructure

The network contains an Active Directory Domain Services (AD DS) forest named litware.com. The forest contains a single domain. All domain controllers run Windows Server 2008 R2.

Lync Server 2013 Infrastructure

Litware has a Lync Server 2013 infrastructure in the New York office. The infrastructure contains servers and appliances. The call routing and distribution solution for the IT

Help Desk and Front Desk are dependent upon Response Groups. The servers and appliances are configured as shown in the following table.

Server name	Role	Pool name
Lync01	Front End Server	pool1
Lync02	Edge Server	pool2
Lync03	Mediation Server	pool3
Lync04	Group Chat Server	Not applicable

All of the servers that have Lync Server 2013 deployed are monitored by using Microsoft System Center Operations Manager. All client computers have either Microsoft Lync 2010 or Microsoft Lync 2013 installed. Administrators configure the following Lync Server 2013 features:

Problem Statements

Litware identifies the following issues:

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

Requirements

Planned Changes

Litware plans to upgrade to Skype for Business Server 2015 during the next six months. You must implement the following changes during the upgrade:

- Migrate the current Front End pool to an Enterprise Edition Front End pool named fepool1 that will contain two servers named Server13_01 and Server13_02.
- Migrate Group Chat to Persistent Chat.

You must minimize the costs associated with the purchase of hardware and software.

Technical Requirements

You have the following technical requirements for the planned changes:

- Users running previous client versions must be able to use chat features after the server is migrated to Persistent Chat.
- Users who have mobile devices must be able to receive notifications if the Skype for Business mobile app on Windows Phone is inactive.
- A client computer named Monitor01 must be used to monitor client connectivity by using synthetic transactions.
- All response groups must be migrated to Skype for Business Server 2015.
- External users must be able to expand distribution groups.
- External users must be able to download meeting content.
- The Lync Windows Store app must be supported.
- Non-federated external partners must be able to join and present during meetings that Litware hosts.

High Availability Requirements

The new Skype for Business Server 2015 infrastructure in the New Your office must be available if a single server fails. You must minimize the amount of administrative intervention that is required to recover from a single server failure. You must deploy an AlwaysOn Availability Group instance and a Distributed File System (DFS) file share in the environment.

Question: 1

You are planning to migrate the solution that the IT Help desk and front desk teams use.

You need to recommend an action to migrate the response groups to Skype for Business Server 2015.

What should you recommend?

- A. Recreate all response groups after you move the users to Skype for Business Server 2015.
- B. Migrate all unassigned number configurations in a single operation.
- C. Migrate all of the response groups in a single migration operation.
- D. Migrate all of the unassigned number configurations after you move the users to Skype for Business Server 2015.

Answer: C

Question: 2

You install System Center 2012 R2 Operations Manager on a server named SCOM01. You import the Skype for Business Server 2015 Management Pack to SCOM01.

You need to configure monitoring for the solution.

Which three actions should you perform? Each correct answer presents part of the solution.

- A. Install the SCOM agent on Monitor01.
- B. Run watchernode.msi on Monitor01.
- C. Run watchernode.msi on SCOM01.
- D. Install the Skype for Business Server 2015 core components on Monitor01.
- E. Install the Skype for Business Server 2015 core components on SCOM1

Answer: A, B, D

Question: 3

HOTSPOT

You need to move all users to the new Skype for Business Server 2015 infrastructure.

How should you configure the relevant Skype for Business Management Shell cmdlet? To answer, configure the appropriate command in the answer area.

Get-CsUser	<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>
-Identity all -OnlyLyncServer -UnassignedUser	Move-CsUser Set-CsUser Enable-CsUser	-Target -RegistrarPool -ProxyPool	fepool1.litware.com pool1.litware.com SfB13 01 litware.com

Answer:

<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>
-Identity all -OnlyLyncServer -UnassignedUser	Move-CsUser Set-CsUser Enable-CsUser	-Target -RegistrarPool -ProxyPool	fepool1.litware.com pool1.litware.com SfB13 01 litware.com

Question: 4

You need to recommend a solution to resolve the privacy issue that users report. What should you recommend?

- A. a conferencing policy
- B. a client version policy
- C. a client policy
- D. a presence policy

Answer: C**Case Study: 2, A. Datum****Overview****General Overview**

A.Datum is an international logistic company that has 12.000 employees. The company has a sales department, a marketing department, a human resources department, a finance department, and an operations department.

A.Datum has four offices located throughout the world.

A.Datum has two data centers. The data centers are located in New York and Toronto. All communications are routed through the New York and Toronto data centers.

The number of users in each office is shown in the following table:

Office location	Number of users
New York	8,000
Toronto	1,500
Stockholm	500
Sydney	2,000

Existing Environment**Active Directory environment**

A.Datum has an Active Directory Domain Services (AD DS) forest named adatum.com. The forest contains a single domain. All domain controllers run Windows Server 2012 R2.

Each office contains redundant domain controllers. Each office is configured as an AD DS site.

Lync Server environment

A.Datum has a Lync Server 2013 infrastructure that contains Two pools. There is one pool in the New York data center and one pool in the Toronto data center. These pools are in pairing relationship for site resiliency.

In preparation for the Skype for Business Server update, you install the required prerequisite components on all Lync Server 2013 servers.

There is a dedicated management computer named NYCMGMT1 in the New York office that has Lync Server 2013 administrative tools installed.

All company users are evenly distributed across the New York and Toronto pools.

The servers are configured as shown in the following tables:

New York data centers:

Server name	Role
NYCFE01	Enterprise Edition Front End server
NYCFE02	Enterprise Edition Front End server
NYCFE03	Enterprise Edition Front End server
NYCBE01	Enterprise Edition Back End server
NYCBE02	Enterprise Edition Back End server
NYCBE03	Enterprise Edition Back End witness server
NYCOWAS01	Office Web Apps server
NYCOWAS02	Office Web Apps server
NYCEDGE01	Edge Server
NYCEDGE02	Edge Server

Toronto data centers:

Server name	Role
TORFE01	Enterprise Edition Front End server
TORFE02	Enterprise Edition Front End server
TORFE03	Enterprise Edition Front End server
TORBE01	Enterprise Edition Back End server
TORBE02	Enterprise Edition Back End server
TORBE03	Enterprise Edition Back End witness server
TOROWAS01	Office Web Apps server
TOROWAS02	Office Web Apps server
TOREDGE01	Edge Server
TOREDGE02	Edge Server

Both data centers have a complete set of redundant load balancers and reverse proxies.

Internal and external URLs

The Lync Server 2013 Web Services and Office Web Apps Server 2013 farm for both New York and Toronto pools use the following internal and external URLs:

Location	Component	URL
New York	Internal Lync Server 2013 Web Services External Lync Server 2013 Web Services Internal Office Web Apps Server 2013 Farm External Office Web Apps Server 2013 Farm	https://nycpool01-WebInt.adatum.com https://nycpool01-WebExt.adatum.com https://nycowas-int.adatum.com https://nycowas-ext.adatum.com
Toronto	Internal Lync Server 2013 Web Services External Lync Server 2013 Web Services Internal Office Web Apps Server 2013 Farm External Office Web Apps Server 2013 Farm	https://torpool01-WebInt.adatum.com https://torpool01-WebExt.adatum.com https://torowas-int.adatum.com https://torowas-ext.adatum.com

ReverseProxy Rules

You use the following reverse proxy rules to publish external access for the New York pool:

URL	Listening Port	Target Port
nycpool01-webext.adatum.com	443	4443
nycowas-ext.adatum.com	443	4443
meet.adatum.com	443	4443
dalin.adatum.com	443	4443
lyncdiscover.adatum.com	443	4443

Unused servers

The Sydney and Stockholm offices each have a server room. The following is the list of unused servers in the server rooms:

Server name	Operating system
SYDSERVER01	Windows Server 2012 R2
SYDSERVER02	Windows Server 2012 R2
SYDSERVER03	Windows Server 2012 R2
SYDSERVER04	Windows Server 2012 R2
SYDSERVER05	Windows Server 2012 R2

Stockholm server room:

Server name	Operating system
SHSERVER01	Windows Server 2008 R2
SHSERVER02	Windows Server 2008 R2
SHSERVER03	Windows Server 2008 R2
SHSERVER04	Windows Server 2008 R2
SHSERVER05	Windows Server 2008 R2

SIPdomain and firewall

The SIP domain is adatum.com

A.Datum has a Microsoft Office 365 subscription. The company recently completed an upgrade to Exchange Server 2013. In-Place hold is not in use.

A.Datum is federated with Fabrikam, Inc. The configuration information is shown below:

SIP Domain	Federation Type	Access Edge FQDN	IP Address
Fabrikam.com	Direct	Access.fabrikam.com	209.10.15.15

Firewall configuration on the edge firewall facing to the Internet from both perimeter network in New York and Toronto allows connection to Any IP addresses in the Internet on port TCP/5061.

Problem statements

All external users that are homed in the New York pool reported that they have issues with uploading PowerPoint presentations during conferences.

The PowerPoint upload issue is affecting all internal users that are homed in the Toronto pool.

Users in the Sydney office report poor audio and video quality during conferences. Desktop sharing during conferences also exhibits poor performance.

Business requirements

The company has identified the following business requirements:

- 1) The Sales and marketing departments have the ability to interact with various suppliers and customers that use

Skype Consumer. To enhance the capability, users from sales and marketing departments would like to be able to look up additional Skype Consumer contact details.

- 2) The company wants to improve the conferencing experience for users in the Sydney office.
- 3) A.Datum recently acquired a local logistic company in Australia and is planning to rebrand the business in the Asia pacific market. The rebranded business will operate under the name Wide World Importer.
- 4) The acquired company has an existing video teleconferencing (VTC) solution from Cisco/Tandberg.
- 5) A.Datum wants to minimize the cost of any changes to the infrastructure.
- 6) A consultant that works from the Stockholm office will oversee the deployment of any new services.

Technical requirements

The company has identified the following technical requirements:

- 1) Any new infrastructure must be deployed to support high availability.
- 2) All users in Sydney will use the new email and SIP domain.
- 3) All federation traffic for the SIM domain wideworldimporters.com must route through the infrastructure in the Sydney office.
- 4) All conferencing capabilities must be available in the event of wide area network (WAN) link failure.
- 5) Only users in the sales and marketing departments must be able to federate with Skype consumer.
- 6) A.Datum uses third party identity providers to federate with Azure Active Directory.
- 7) You must integrate Microsoft Exchange with Skype for Business to archive Skype for Business data in user mailboxes.
- 8) You must use wideworldimporters.com as the email and SIP domain for rebranded business.
- 9) You must implement archiving for all skype for business users. You must not make changes to existing Microsoft exchange functionality.

Question: 1

Fabrikam, Inc, changes their Access Edge fully qualified domain name (FQDN). This resulted in a broken federation relationship. You need to correct the issue and reduce further administrative overhead. What should you do?

- A. Modify the SRV record_sipfederationtls._tcp.adatum.com to point to the new Fabrikam Access Edge FQDN on port TCP/5061.
- B. Modify the federation configuration to enable Open Federation.
- C. Allow outbound connection on port TCP/5061 from Edge Server to any IP address on the Internet.
- D. Modify the SRV record_sipfederationtls._tcp.wideworldimporters.com to point to the new Fabrikam Access Edge FQDN on port TCP/5061.

Answer: B

Question: 2

You need to identify the additional components that must be added to the Skype for Business Server 2015 topology. Which three additional components are required for the updated topology? Each correct answer presents a part of the solution.

- A. Skype for Business Server 2015 Standard Edition Front End Servers
- B. Skype for Business Server 2015 Video Interop Server pools
- C. Skype for Business Server 2015 Enterprise Edition Front End pools
- D. Shared Components - SQL Server stores
- E. Shared Components - Office Web Apps servers

Answer: B,C,D

Question: 3

HOTSPOT

You need to recommend the topology for the solution.

How many additional instances of each type of component should you deploy? To answer, select the appropriate number of additional Edge Servers, federation routes, SIP domains, and sites in the answer area.

Component	Number of Instances
------------------	----------------------------

Edge Servers

0	▼
1	▼
2	▼
3	▼

Federation routes

0	▼
1	▼
2	▼
3	▼

SIP Domains

0	▼
1	▼
2	▼
3	▼

Sites

0	▼
1	▼
2	▼
3	▼

Answer:

Edge Servers

0	▼
1	
2	
3	

Federation routes

0	▼
1	
2	
3	

SIP Domains

0	▼
1	
2	
3	

Sites

0	▼
1	
2	
3	

Question: 4

DRAG DROP

You need to upgrade the New York pool to Skype for Business Server 2015.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Steps to Perform in Sequence
Back up all databases and ensure that all services that need an upgrade are running.	
Install all prerequisite components on the existing servers.	
Update the Active Directory schema.	
Upgrade and publish the topology file by using the Topology Builder.	
Start an In-Place Upgrade on each Front End server.	 
Stop all services on each Front End server.	

Answer:

Steps to Perform in Sequence

Back up all databases and ensure that all services that need an upgrade are running.

Upgrade and publish the topology file by using the Topology Builder.

Stop all services on each Front End server.

 Start an In-Place Upgrade on each Front End server.



Question: 5

You need to correct the reverse proxy configuration to resolve the PowerPoint upload issue. What should you do?

- A. Add a reverse proxy rule for TORPOOLOI-WebExt.adatum.com that listens on port 443 and targets port 4443.
- B. Change the target port for reverse proxy rule meet.adatum.com to 443.
- C. Change the target port for reverse proxy rule NYCOWAS-Ext.adatum.com to 443.
- D. Add a reverse proxy rule for TOROWAS-Ext.adatum.com that listens on port 443 and targets port 4443.
- E. Change the target port for reverse proxy rule NYCPOOLOI-WebExt.adatum.com to 443.

Answer: C

Question: 6

You need to enable archiving for all Skype for Business users.
Which Skype for Business Management Shell cmdlet should you use?

- A. Set-CsClientPolicy
- B. Set-CsArchivingPolicy
- C. Set-CsUser
- D. Set-CsUserServicesPolicy
- E. Set-CsArchivingConfiguration

Answer: E

Explanation:
<https://technet.microsoft.com/en-us/library/dn951399.aspx>

Question: 7

You need to integrate Skype for Business with Microsoft Exchange.
Which two actions should you perform? Each correct response presents part of the solution.

- A. Run the following Skype for Business Management Shell cmdlet:New-CsPartnerApplication
- B. Run the following Skype for Business Management Shell cmdlet:New-CsTrustedApplicationPool
- C. Assign a certificate of type WsFedTokenTransfer.
- D. Assign a certificate of type OAuthTokenIssuer.

Answer: A,D

Explanation:
<https://technet.microsoft.com/en-us/library/jj204628.aspx>
<https://technet.microsoft.com/en-us/library/jj721919.aspx>

Question: 8

HOTSPOT

You need to configure federation for the Sydney office.

What should you do? To answer, select the appropriate action from each list in the answer area.

Answer Area

Create the following DNS SRV record:

_sipfederationtls._tcp.adatum.com
_sipfederationtls._tcp.wideworldimporters.com
_sip._tls.adatum.com
_sip._tls.wideworldimporters.com

Configure the topology - step one:

Define the Edge pool.
Define the federation route.

Configure the topology - step two:

Define the Edge pool.
Define the federation route.

Answer:

Answer Area

Create the following DNS SRV record:

_sipfederationtls._tcp.adatum.com
<u>_sipfederationtls._tcp.wideworldimporters.com</u>
_sip._tls.adatum.com
_sip._tls.wideworldimporters.com

Configure the topology - step one:

Define the Edge pool.
Define the federation route.

Configure the topology - step two:

Define the Edge pool.
Define the federation route.

References:[https://technet.microsoft.com/en-us/library/jj688121\(v=ocs.15\).aspx](https://technet.microsoft.com/en-us/library/jj688121(v=ocs.15).aspx)

Question: 9

You configure Skype Directory Search after you upgrade all pools to Skype for Business Server 2015.

Sales and marketing users report that they cannot search Skype consumer contact details.

You need to resolve the issue.

Which outbound connections should you allow?

- A. on port TCP/443 from the Front End Servers to any IP address on the internet
- B. on port TCP/80 from the Edge Server to any IP address on the internet

- C. on port TCP/4443 from the Front End Servers to any IP address on the internet
- D. on port TCP/443 from the Edge Server to any IP address on the internet

Answer: D

Explanation:

<https://ucmart.uk/tag/skype-directory-search/>

Question: 10

You need to identify the computers that you can use to upgrade the topology to support Skype for Business Server 2015.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

- A. On NYCMGMT1, uninstall the Lync Server administrative tools, and install Skype for Business Server 2015 administrative tools.
- B. On SYDSERVER01, install the Lync Server 2013 administrative tools and upgrade to the latest cumulative update.
- C. On SHSERVER01, install the Skype for Business Server 2015 administrative tools.
- D. On NYCMGMT1, upgrade the Administrative tools to the latest Lync Server 2013 cumulative update.

Answer: B,D

Case Study: 3, Alpine Skihouse

Overview

Background

Alpine Skihouse designs and manufactures skis and ski accessories. The corporate headquarters for the company is located in London. The company has a design office

in Rome and sales offices in Paris, Los Angeles, and Boston. The design team director works in the Rome office.

The company plans to implement Skype for Business Server 2015 to address their unified communications needs. The company currently has traditional PBX implementations in each office location and uses a dial-in conferencing system that is hosted on their internal PBX.

The number of users in each office is shown in the following table:

Region	Office	Users
Europe	London	6,000
Europe	Rome	2,000
Europe	Paris	500
Americas	Los Angeles	1,000
Americas	Boston	300

Remote connectivity to all corporate resources and services is provided by SSL virtual private network (VPN) only. The current VPN solution tunnels all traffic to the office. Internet facing services cannot be reached directly from users laptops when they are travelling.

Problem statements

During the requirements gathering process for the Skype for Business deployment project, users reported the following issues:

- Users based in the United States report that they experience poor audio and video quality when they conduct meetings with users that are not located in the United States.
- Users based in the United States report that they experience poor audio and video quality when they conduct meetings and calls while they remotely connected to the office.
- The design team director would like customers to be greeted in the Italian language when they use dial-in conferencing to join meetings.
- The sales team director organizes daily alignment meetings with local sales teams. He reports that there are issues with the quality of the audio and video.

Proposed solution

The following table shows the proposed London Skype for Business Server 2015 server architecture and IP addresses: London:

Skype for Business Server 2015 Component	IP Address
Front-End Server 1	192.168.10.21
Front-End Server 2	192.168.10.22
Front-End Server 3	192.168.10.23
Hardware Load Balancer	192.168.10.10
Internal Edge	192.168.10.100
External Access Edge	192.168.80.200
External Conference Edge	192.168.80.201
External A/V Edge	192.168.80.202
External A/V Edge NAT Enabled Public	64.4.6.100
Office Web App Server 1	192.168.10.31
Office Web App Server 2	192.168.10.32
SQL Back-End Server1	192.168.10.5
SQL Back-End Server2	192.168.10.6
Internal Reverse Proxy	192.168.10.15
External Reverse Proxy	65.55.39.10

Rome:

Skype for Business Server 2015 Component	IP Address
Front-End Server 1	192.168.20.21
Front-End Server 2	192.168.20.22
Front-End Server 3	192.168.20.23
Hardware Load Balancer	192.168.20.10
Internal Edge	192.168.20.100
External Access Edge	192.168.90.200
External Conference Edge	192.168.90.201
External A/V Edge	192.168.90.202
External A/V Edge NAT Enabled Public	64.4.6.100
Office Web App Server 1	192.168.20.31
Office Web App Server 2	192.168.20.32
SQL Back-End Server1	192.168.20.5
SQL Back-End Server2	192.168.20.6
Internal Reverse Proxy	192.168.20.15
External Reverse Proxy	65.55.39.10

Los Angeles

The Los Angeles office has a Standard Edition Skype for Business Server 2015 server. The server uses the IP address 192.168.30.21.

Requirements

Business Requirements

The company has identified the following business requirements:

- Users must be able to access all Skype for Business services when they work remotely.
- The solution must support meetings with up to 10,000 users.
- The solution must be highly available, and must withstand the loss of a single component at any point in time with as little interruption of service as possible.
- The language used by Skype for Business services must be localized wherever possible.
- The leadership team in the Americas region hosts an All Hands meeting for all employees four times per year. All employees are requested to join this meeting. You must not install any additional servers to support this requirement.

Technical Requirements

The company has identified the following technical requirements:

- The SQL team has completed an upgrade of the entire SQL Server to the latest version. They require every SQL Server to use a SQL AlwaysOn Availability Group as the high availability (HA) option.
- There is no data center within the Boston site.
- You must use the secondary data center in London to minimize the impact to users in the event of a single-site disaster.
- Media traffic must only be encrypted once.
- You must use the Skype for Business Management Shell **Invoke-CsComputerFailOver** and **Invoke-CsComputerFailBack** cmdlets to perform maintenance actions during daily operations.
- You must implement Domain Name System (DNS) load balancing wherever possible.

Question: 1

DRAG DROP

You need to configure the Domain Name System (DNS) records.

What should you do? To answer, drag the appropriate IP address or IP address range to the correct DNS record. Each IP address 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 Area

192.168.10.10
192.168.10.21-23
192.168.10.100
192.168.80.200
192.168.80.201
192.168.80.202
64.4.6.100

DNS Record

- discoverinternal.alpineskihouse.com
- londonpool.alpineskihouse.com
- meet.aplineskihouse.com
- webint.alpineskihouse.com
- admin.alpineskihouse.com

IP Address

Answer:**Answer Area**

192.168.10.10
192.168.10.21-23
192.168.10.100
192.168.80.200
192.168.80.201
192.168.80.202
64.4.6.100

DNS Record

- discoverinternal.alpineskihouse.com
- londonpool.alpineskihouse.com
- meet.aplineskihouse.com
- webint.alpineskihouse.com
- admin.alpineskihouse.com

IP Address

192.168.10.10
192.168.10.21-23
192.168.10.10
192.168.10.10
192.168.10.10

Question: 2

You are asked to architect the solution for the Paris office.

You need to select the most appropriate answers to satisfy the request.

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

- Deploy a Skype for Business Edge pool and a Reverse Proxy pool in Paris.
- Deploy a Skype for Business Enterprise Edition pool in Paris.
- Reserve A/V MCU resources on London pool for meetings scheduled by users located in Paris.

- D. Deploy a Survivable Branch appliance in Paris.
- E. Deploy a Skype for Business Standard Edition in Paris.

Answer: C, D

Question: 3

You need to deploy the Edge Servers in the Rome location. Which action should you suggest before publishing the topology?

- A. Enable DirectAccess on the Edge Server for users in the Americas region.
- B. Change the server locale to Italian.
- C. Change the server name of the Edge Server in Rome.
- D. Change the External A/V EdgeNAT-enabled public address.

Answer: D

Question: 4

The current proposed solution for the Los Angeles site does not meet the business requirements. You need to review, and if required, recommend changes to the planned implementation.

What should you do?

- A. Configure pool pairing between the servers in Los Angeles site and Rome site.
- B. Add another Standard Edition to Los Angeles site and configure pool pairing.
- C. Configure a backup registrar relationship between the servers in Los Angeles Site and Rome site.
- D. Implement the single Standard Edition on a highly available virtualization platform.
- E. Replace Standard Edition server with Enterprise Edition pool in Los Angeles site.

Answer: E

Question: 5

You need to recommend a solution to meet the audio quality requirement for remote workers of the Los Angeles office. Which two actions should you perform? Each correct answer presents part of the solution.

- A. upgrade the existing virtual private network (VPN) client.
- B. Configure the virtual private network (VPN) solution to respect Differentiated Services Code Point (DSCP) markings.
- C. Implement a split-tunnel virtual private network (VPN) setup.
- D. Enable IPv6 support in the Skype for Business topology.
- E. Install an Edge pool in the Los Angeles site.
- F. Replace the existing virtual private network (VPN) solution with DirectAccess.

Answer: C, E

Question: 6

You need to implement the dial-in conferencing request raised by the Design Director in Rome.

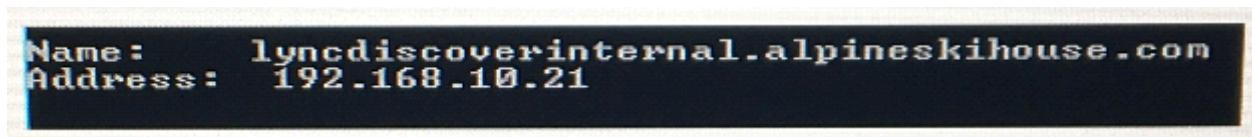
What should you do?

- A. Set the primary language of the global conferencing policy to Italian (Italy).
- B. Associate the global conferencing policy with the correct dial-in conferencing region.
- C. Set the primary language of the Italian trunk configuration to Italian (Italy).
- D. Associate the Italian dial plan with the correct dial-in conferencing region.

Answer: D

Question: 7

During a maintenance window, a user reports a logon issue. The user sent you the result of the command nslookup lyncdiscoverinternal.alpineskihouse.com ran on the computer during the issue.



How can you resolve the issue?

- A. Change the DNS record for lyncdiscoverinternal to point to 192.168.10.10.
- B. Instruct users to navigate to the %localappdata%\Microsoft\Office\16.0\Lync folder and delete their SIP profile folder.
- C. Instruct users to open a command prompt and run the following command:
ipconfig /flushdns
- D. Change the DNS record for lyncdiscoverinternal to point to 192.168.80.200.

Answer: A

Question: 8

The London site facilities had a power issue that prevented users from accessing any service in th.it data center. You need to review the proposed design so that Skype for Business will be resilient to this kind of issue. You need to plan the solution.

What should you do?

- A. Deploy an additional Front End pool in the London Site and pair it with the primary Front End pool.
- B. Deploy an additional Front End pool in the secondary site and pair it with the primary Front End pool. Split the users between the pools.
- C. Deploy a Standard Edition server in the London Site and pair it with the primary Front End pool.
- D. Deploy an additional Front End pool in the available secondary site and pair it with the primary Front End pool.
- E. Deploy an additional Front End server on the London Front End pool.

Answer: B

Case Study: 4, Contoso, Ltd

Overview

General Overview

Contoso Ltd. is an international manufacturing company that has 30 000 users.

Contoso has the following departments: sales, research, marketing, human resources, executive, manufacturing, and legal. The sales department has 2.000 users. All of the users in the sales department are located in the United States. The research department has 3.000 users. All of the users in the research department are located in Europe.

Physical Locations

Contoso has two main offices. The offices are located in Houston and Frankfurt. Each office has 15.000 users. The offices connect to each other by using an MPLS network. Each office connects directly to the Internet.

Existing Environment

Lync Server Infrastructure

Contoso has a Lync Server 2013 infrastructure that only uses internal instant messaging (IM) and presence. The infrastructure contains a single Enterprise Edition Front End pool that services all of the users.

Contoso uses a SIP domain ofcontoso.com for all of the users.

Client computers have either Microsoft Lync 2010 or Microsoft Lync 2013 installed.

Before deploying Skype for Business Server 2015 and migrating the users, you implement a small pilot project to test the functionality of Skype for Business Server 2015.

Problem Statements

The users in the pilot report that occasionally, they cannot sign in to Skype for Business 2015.

Requirements

Business goal

Contoso plans to upgrade to Skype for Business Server 2015 during the next six months. Contoso must deploy all of the conferencing and edge services. Contoso must also configure federation with its parent company, which is named Proseware Inc. Proseware is located in Europe and has a Lync Server 2010 infrastructure.

Contoso must minimize hardware and software purchasing costs, while guaranteeing performance levels for all Skype for Business Server 2015 workloads.

Planned Changes

Contoso plans to implement the following workloads in the Skype for Business Server 2015 deployment:

- Federation
- Dial-in conferencing
- External user access
- Audio, video, and web conferencing
- The ability to host Lync meetings that have external participants

The FQDNs of the edge services will be configured as shown in the following table.

Service	United States region	Europe region
Access Edge	us-ae.contoso.com	Eu-ae.contoso.com
Web Conferencing Edge	us-wc.contoso.com	Eu-wc.contoso.com
A/V Edge	us-av.contoso.com	Eu-av.contoso.com

Technical Requirements

Contoso identifies the following technical requirements for the planned deployment:

- Only federation to Proseware must be allowed.
- All of the edge services must use default ports.
- Wide area network (WAN) traffic and Internet traffic must be minimized.
- All of the user contacts stored in Skype for Business Server 2015 must be backed up.
- The sales department must have a dedicated dial-in conferencing number. All other users in both the United States and Europe must use a pool of regional dial-in conferencing numbers.
- If a single component fails, all Skype for Business services must remain available without the need for manual intervention. Performance degradation is acceptable during a component failure state.
- The conversations of all the sales department users must be archived for 30 days. The conversations of all the research department users must be archived for 90 days. No other conversations must be archived.
- After the migration to Skype for Business Server 2015, all client computers will have three months to upgrade to Skype for Business. After three months, legacy clients must be blocked from accessing the Skype for Business Server 2015 infrastructure.

Security Requirements

Contoso identifies the following security requirements for the planned deployment:

- All Skype for Business Server conferences must use a unique URL.
- Each Internet-facing service must have one or more dedicated public IP addresses.
- Only the users in the human resources department must be prevented from connecting to Skype for Business Server 2015 remotely.

Question: 1

You need to configure the Skype for Business Server 2015 infrastructure to meet the security requirements for the human resources department. The solution must minimize administrative effort.

What should you do?

- A. Modify the global external access policy.
- B. Create a new user-level client policy.
- C. Create a new user-level external access policy.
- D. Modify the Access Edge Configuration settings.

Answer: C

Question: 2

HOTSPOT

You need to configure the required Domain Name System (DNS) record to support federation.

How should you configure the DNS record? To answer, select the appropriate options for the DNS record in the answer area.

Record type:

Host (A)
Service Location (SRV)

Service:

_sip._tls.contoso.com
_sipfederationtls._tcp.contoso.com

Port number:

443
5061

Host offering service:

Eu-ae.contoso.com
Us-ae.contoso.com

Answer:

Record type:

Host (A)
Service Location (SRV)

Service:

_sip._tls.contoso.com
_sipfederationtls._tcp.contoso.com

Port number:

443
5061

Host offering service:

Eu-ae.contoso.com
Us-ae.contoso.com

Question: 3

HOTSPOT

You need to ensure that the Skype for Business Server 2015 infrastructure meets the security requirement for conferences.

In Skype for Business Control Panel, which setting should you modify? To answer, select the appropriate setting in the answer area.

Answer Area

		CONFERENCE POLICY	MEETING CONFIGURATION	DIAL-IN ACCESS NUMBER
Home				
Users				
Topology				
IM and Presence				
Persistent Chat				
Voice Routing				
Voice Features				
Response Groups				
Conferencing				
Clients				
Federation and External Access				
Monitoring and Archiving				
Security				
Network Configuration				

Edit Meeting Configuration - Global

Commit **Cancel**

Scope: Global

Name:

PSTN callers bypass lobby

Designate as presenter:

Assigned conference type by default

Admit anonymous users by default

Logo URL:

Help URL:

Legal text URL:

Custom footer text:

Answer:

Answer Area

		CONFERENCE POLICY	MEETING CONFIGURATION	DIAL-IN ACCESS NUMBER
Home				
Users				
Topology				
IM and Presence				
Persistent Chat				
Voice Routing				
Voice Features				
Response Groups				
Conferencing				
Clients				
Federation and External Access				
Monitoring and Archiving				
Security				
Network Configuration				

Edit Meeting Configuration - Global

Commit **Cancel**

Scope: Global

Name:

PSTN callers bypass lobby

Designate as presenter:

Assigned conference type by default

Admit anonymous users by default

Logo URL:

Help URL:

Legal text URL:

Custom footer text:

Question: 4

DRAG DROP

You need to identify the cause of the authentication issue for the pilot users.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Run the following Skype for Business Management Shell cmdlet:

Set-CsCISRegion

Open the log file by running **snooper.exe**

Run the following Skype for Business Management Shell cmdlet:

Start-CsCISLogging

Run the following Skype for Business Management Shell cmdlet:

Update-CsCISLogging

Run the following Skype for Business Management Shell cmdlets:

Stop-CsCISLogging

Search-CsCISLogging

**Answer:**

Run the following Skype for Business Management Shell cmdlet:

Start-CsCISLogging

Run the following Skype for Business Management Shell cmdlets:

Stop-CsCISLogging
Search-CsCISLogging

Open the log file by running **snooper.exe**

Question: 1

You need to identify the dial-in conferencing configurations for sales department users.

Which two configurations should you use? Each correct answer presents part of the solution

- A. Create a user-level conferencing policy. Assign the conferencing policy to the sales department users.
- B. Create a user-level dial plan. Assign the dial plan to the sales department users.
- C. Create a new dial-in access number. Assign the dial-in access number to a dial-in conferencing region.
- D. Create a user-level voice policy. Assign the voice policy to the sales department users.
- E. Create a new meeting configuration. Assign the meeting to a site.

Answer: BC

- A. Create a user-level conferencing policy. Assign the conferencing policy to the sales department users.
- B. Create a user-level dial plan. Assign the dial plan to the sales department users.
- C. Create a new dial-in access number. Assign the dial-in access number to a dial-in conferencing region.
- D. Create a user-level voice policy. Assign the voice policy to the sales department users.
- E. Create a new meeting configuration. Assign the meeting to a site.

Answer: BC

Question: 2

HOTSPOT

You need to identify the minimum number of required public IP addresses for each Skype for Business Server 2015 component.

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

Answer Area

Edge server:

	▼
0	
1	
2	
3	

Hardware load balancer:

	▼
0	
1	
2	
3	

Office Web Apps server:

	▼
0	
1	
2	
3	

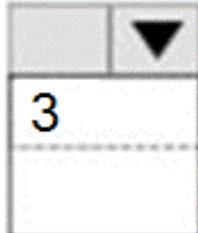
Answer:

Answer Area

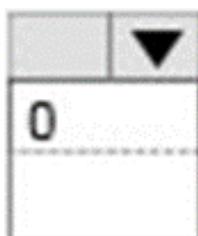
Edge server:



Hardware load balancer:



Office Web Apps server:



Question: 4

Three months after you deploy Skype for Business Server 2015, you must modify the configuration to meet the technical requirements.

Which Skype for Business Management Shell cmdlet should you run?

- A. Set-CsMobilityPolicy
- B. Set-CsClientVersionPolicy
- C. Set-CsDeviceUpdateConfiguration
- D. Set-CsClientPolicy
- E. Set-CsClientVersionConfiguration

Answer: B

Question: 5

HOTSPOT

You need to identify the minimum number of Skype for Business Server 2015 servers and supporting server roles

required in each Skype for Business site.

What is the minimum number of servers required? To answer, select the appropriate number of each server type in the answer area.

Answer Area

Edge Servers per site:

1
2
3
4

Front End Servers per site:

1
2
3
4

Office Web Apps servers per site:

1
2
3
4

Microsoft SQL Servers per site:

1
2
3
4

Answer:

Answer Area

Edge Servers per site:

1
2
3
4

Front End Servers per site:

1
2
3
4

Office Web Apps servers per site:

1
2
3
4

Microsoft SQL Servers per site:

1
2
3
4

References:

<https://technet.microsoft.com/en-us/library/gg615015.aspx>

<https://blogs.technet.microsoft.com/canitpro/2015/05/05/step-by-step-installation-of-skype-for-business-server-2015/>

Case Study: 5, Litware, Inc.

Overview

General Overview

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

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

Physical Locations

Litware has seven offices located throughout North America and Europe.

Litware has two data centers. The data centers are located in New York and London. All communications for the North American offices are routed through the New York data center. All communications for the European offices are routed through the London data center.

The number of users in each office is shown in the following table

Office location	Number of users
New York	1,500
Miami	50
Los Angeles	60
London	1,500
Frankfurt	50
Barcelona	75

Existing Environment Active Directory Environment

Litware has an Active Directory Domain Services (AD DS) forest named litwareinc.com. The forest contains a single domain. All domain controllers run Windows Server 2008 R2.

Each office contains five domain controllers. Each office is configured as an Active Directory site.

Lync Server Environment

Litware has a Lync Server 2013 infrastructure that contains two servers in the New York office. The servers are configured as shown in the following table.

Server name	Role
Lync1	Standard Edition Front End Server
Lync2	Edge Server

The SIP domain is litwareinc.com.

Litware has a Microsoft Exchange Server 2013 organization.

Problem Statements

Users in the London office report poor video quality during conferences.

Requirements

Business Goals

Litware wants to minimize the costs associated with purchasing hardware and software.

Planned Changes

Litware plans to migrate the Lync Server 2013 infrastructure to Skype for Business Server 2015. The migration will have a coexistence period of six months.

Litware plans to implement the following components as part of the planned migration:

- Persistent Chat
- Unified contact store
- Enterprise Voice for all users
- A central site in each data center
- A branch site in each branch office
- A Front End pool in each central site
- Skype for Business Phone Edition devices
- Pool pairing

Litware plans to create a federation relationship with Fabrikam.

Technical Requirements

Litware identifies the following technical requirements for the planned migration:

- Users must be able to use all Skype for Business Server features if a single server fails.
- Users must be able to connect to the Skype for Business Server infrastructure if a single central site fails.
- Members of a group named Temp_Contractors must be prevented from using Skype for Business when they connect remotely.
- Only users in the human resources department must be able to access and discover a persistent chat room named HRConfidential.

Security Requirements

Litware plans to deploy remote access. Some users work remotely from their customers' offices, which have firewall restrictions. All of the remote users must be able to connect to the Skype for Business Server 2015 infrastructure by

using TCP port 443.

Question: 1

DRAG DROP

You have a Skype for Business Server 2015 environment. You plan to deploy a Persistent Chat server.

You need to create the chat room for the Human Resources department.

Which three actions should you recommend? To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Set the privacy of the chat room to Secret.

Run the **New-CsPersistentChatRoom** Skype for Business Management Shell cmdlet.

Create a category and set the scope of the category.

Run the **New-CsPersistentChatPolicy** Skype for Business Management Shell cmdlet.

Set the privacy of the chat room to Closed.

Answer Area



Answer:

Actions

Set the privacy of the chat room to Secret.

Run the **New-CsPersistentChatRoom** Skype for Business Management Shell cmdlet.

Create a category and set the scope of the category.

Run the **New-CsPersistentChatPolicy** Skype for Business Management Shell cmdlet.

Set the privacy of the chat room to Closed.

Answer Area



Create a category and set the scope of the category.

Run the **New-CsPersistentChatRoom** Skype for Business Management Shell cmdlet.

Set the privacy of the chat room to Secret.

Question: 2

You are evaluating a disaster recovery solution for the Front End pools.

You need to recommend the solution for restoring access to the Central Management store if a Front End pool fails.

Which Skype for Business Server 2015 cmdlet should you run?

- A. Invoke-CsPoolFailover
- B. Invoke-CsManagementServerFailover
- C. Import-CsConfiguration
- D. Move-CsManagementServer

Answer: B

Question: 3

You need to plan for the implementation of the DHCP configurations for the Skype for Business Phone Edition devices. Which three configurations should be applied to the Skype for Business Phone Edition devices from DHCP? Each correct answer presents part of the solution. Choose three.

- A. the IP address of a time server
- B. the IP address of a Mediation Server
- C. the URL of the certificate provisioning service of the Skype for Business Server pool
- D. the SIP domain
- E. the FQDN of the Lync Server pool registrar

Answer: A, C, E

Question: 4

You need to implement the planned unified contact store.

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

- A. From a server that has Skype for Business Server 2015 deployed, run the New-CsPartnerApplication Skype for Business Management Shell cmdlet.
- B. From a server that has Exchange Server 2013 deployed, run the ExchUCUtil.ps 1 script.
- C. From a server that has Skype for Business Server 2015 deployed, run the Set-CsUserServicesPolicy Skype for Business Management Shell cmdlet.
- D. From a server that has Exchange Server 2013 deployed, run the Configure-EnterprisePartnerApplication.ps1 script.
- E. From a server that has Skype for Business Server 2015 deployed, run the Set-CsClientPolicy Skype for Business Management Shell cmdlet.

Answer: A, B, C

Question: 5

DRAG DROP

You need to move the Central Management store during the planned migration.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

From the Lync Server installation folder on Lync1, run **Setup.exe**.

From the installation folder for each Front End Server in the Skype for Business pool, run **Setup.exe**.

From Lync1, run the **Export-CsConfiguration** Lync Server 2013 Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Enable-CsTopology** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Install-CsDatabase** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Move-CsManagementServer** Skype for Business Management Shell cmdlet.

From Lync1, run the **Move-CsManagementServer** Lync Server 2013 Management Shell cmdlet.



Answer:

Actions

From the Lync Server installation folder on Lync1, run **Setup.exe**.

From the installation folder for each Front End Server in the Skype for Business pool, run **Setup.exe**.

From Lync1, run the **Export-CsConfiguration** Lync Server 2013 Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Enable-CsTopology** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Install-CsDatabase** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Move-CsManagementServer** Skype for Business Management Shell cmdlet.

From Lync1, run the **Move-CsManagementServer** Lync Server 2013 Management Shell cmdlet.

Answer Area

From Lync1, run the **Export-CsConfiguration** Lync Server 2013 Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Install-CsDatabase** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Enable-CsTopology** Skype for Business Management Shell cmdlet.

From a server that has Skype for Business Server 2015 deployed, run the **Move-CsManagementServer** Skype for Business Management Shell cmdlet.

From the installation folder for each Front End Server in the Skype for Business pool, run **Setup.exe**.

**References:**

<https://blogs.technet.microsoft.com/uctalks/2016/05/09/moving-the-cms-make-it-part-of-your-upgrade-action-plan-part-1/>

Question: 6**DRAG DROP**

You are planning the Skype for Business Server 2015 migration.

You need to identify the management tools that must be used to achieve the following migration tasks during the coexistence period:

- Move users to Skype for Business 2015.
- Add Skype for Business servers to the environment.
- Remove Lync Server 2013 servers from the environment.

Which tools should you use? To answer, drag the appropriate management tools to the correct migration task in the answer area

- a. Each tool may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Management Tools

Lync Server 2013 Topology Builder

Skype for Business Server Topology Builder

Microsoft Lync Server 2013 Control Panel

Skype for Business 2015 Control Panel



Answer Area

Move users to Skype for Business 2015

Management tool

Add Skype for Business 2015 servers to the environment

Management tool

Remove Lync Server 2013 servers from the environment

Management tool

Answer:

Management Tools

Lync Server 2013 Topology Builder

Skype for Business Server Topology Builder

Microsoft Lync Server 2013 Control Panel

Skype for Business 2015 Control Panel



Answer Area

Move users to Skype for Business 2015

Skype for Business 2015 Control Panel

Add Skype for Business 2015 servers to the environment

Skype for Business Server Topology Builder

Remove Lync Server 2013 servers from the environment

Skype for Business Server Topology Builder

Question: 7

HOTSPOT

You need to configure the DNS record for the planned federation relationship.

How should you configure the record? To answer, select the appropriate configurations for the DNS record in the answer area.

Answer Area

Type of DNS record

Service Location (SRV)
Text (TXT)

Name of DNS record

_xmpp-server._tcp.litwareinc.com
_sipfederationtls._tcp.litwareinc.com

Location

External DNS zone
Internal DNS zone

Answer:

Answer Area

Type of DNS record

Service Location (SRV)
Text (TXT)

Name of DNS record

_xmpp-server._tcp.litwareinc.com
_sipfederationtls._tcp.litwareinc.com

Location

External DNS zone
Internal DNS zone

References:[https://technet.microsoft.com/en-us/library/jj618369\(v=ocs.15\).aspx](https://technet.microsoft.com/en-us/library/jj618369(v=ocs.15).aspx)

Question: 8

HOTSPOT

You need to configure the firewall to support the planned federation relationship.

Which port should you open between the Internet and the Edge Server? To answer, configure the appropriate protocol and port in the answer area.

Answer Area

Protocol

TCP
UDP

Port

5060
5061
5066
5269

Answer:

Answer Area

Protocol

TCP
UDP

Port

5060
5061
5066
5269

References:[https://technet.microsoft.com/en-us/library/jj618369\(v=ocs.15\).aspx](https://technet.microsoft.com/en-us/library/jj618369(v=ocs.15).aspx)

Case Study: 6

Mix Questions

Question: 1

You have a Skype for Business Server 2015 infrastructure that contains an Enterprise Edition front end pool. You plan to add the following servers and roles to the existing infrastructure:

- Edge Server
- Archiving role
- Monitoring role
- Persistent Chat Server

You need to add Microsoft SQL Server servers to the existing Skype for Business Server 2015 infrastructure. The solution must not use the existing SQL Server Back End Server.

What is the minimum number of SQL Server servers that you should add?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

Question: 2

A company has a Skype for Business 2015 environment that consists of a single site. Client Version Configuration policies are disabled globally. Employees Some users report that they are missing some Skype for Business features and that they are not able to see multiple people in conferences. You must notify u You need to configure Skype for Business. What should you do?

- A. Enable the global Client Version Configuration policy.
- B. Create a client policy for the internal users. Run the New-CsEdgeAllowList Skype for Business Management Shell cmdlet to notify external users.
- C. Create a client Version Configuration policy for the internal users. Run the Set-CsAccessEdgeConfiguration Skype for Business Management Shell cmdlet to notify external users.
- D. Create a client policy for the site that enforces versions.

Answer: A

Question: 3

Your company has a main office and a branch office. The main office is located in Amsterdam. The branch office is located in New York. Each office has a data center.

The offices connect to each other by using a high-bandwidth, low-latency wide area network (WAN) link.

You have a Skype for Business Server 2015 infrastructure in both of the locations. The solution supports 5,000 users.

You plan to deploy a persistent chat infrastructure.

You need to ensure that persistent chat rooms remain available if a data center fails.

What should you do?

- A. Create one Persistent Chat Server pool that contains one active chat server and one standby chat server.
- B. Create one Persistent Chat Server pool that contains two active chat servers.
- C. Create two Persistent Chat Server pools that each contains one active chat server.
- D. Create two Persistent Chat Server pools that each contains one active chat server and one standby chat server.

Answer: B

Question: 4

A company plans to allow users to sign into Skype for Business by using either Skype for Business 2015 or the Skype for Business mobile app on various mobile platforms (iOS, Android, and Windows Phone).

Skype for Business mobile users must be able to access conversation history and scheduled meetings.

You need to enable mobility access for Skype for Business Server 2015 for external networks.

On the Reverse Proxy server, which two services should you publish? Each correct answer presents part of the solution.

- A. Exchange Web Services
- B. Skype for Business Internal Web Services
- C. Autodiscover
- D. Skype for Business Phone Access URL

Answer: C, D

Question: 5

DRAG DROP

You support Skype for Business 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 Skype for Business Server 2015 server is configured to support a Session Initiation Protocol (SIP) domain named contoso.com.

You configure Skype for Business to support users from a new SIP domain named proseware.net.

The users of the new SIP domain report that the Skype for Business client is able to connect to the Skype for Business server only after manual configuration. Users of the Contoso.com SIP domain are able to connect to Skype for Business 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) for each certificate? 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.

FQDN

- lyncdiscoverinternal.proseware.net
- lyncdiscoverinternal.contoso.local
- lyncdiscoverinternal.contoso.com
- lyncdiscover.contoso.local
- lyncdiscover.proseware.net
- lyncdiscover.contoso.com

SAN entries

SAN for internal
Autodiscover Service URL

SAN for external
Autodiscover Service URL

Answer:

FQDN	SAN entries
lyncdiscoverinternal.proseware.net	
lyncdiscoverinternal.contoso.local	SAN for internal Autodiscover Service URL
lyncdiscoverinternal.contoso.com	
lyncdiscover.contoso.local	SAN for external Autodiscover Service URL
lyncdiscover.proseware.net	
lyncdiscover.contoso.com	

References:

<https://technet.microsoft.com/en-gb/library/dn951397.aspx>

Question: 6

HOTSPOT

Fabrikam has a Skype for Business Server 2015 environment that is centralized in Melbourne, Australia.

- a. You deploy dial-in conferencing and local country numbers. The Singapore office has meeting rooms that are equipped with video teleconferencing (VIC) endpoints that interoperate with Skype for Business. These VTC endpoints are registered to a supported local IP-PBX system.

You have the following requirements:

- You must leverage the existing meeting room solution for joining Skype for Business meetings.
- You must provide Skype for Business services locally to protect against wide area network (WAN) outages.
- Financial traders in Hong Kong require high availability and persistent chat.

You need to deploy the additional Skype for Business Server 2015 roles.

In the table below, identify the server roles that must be deployed in each location.

NOTE: Make only one selection in each column. Each correct answer is worth one point.

Server Roles	Singapore	Hong Kong
Standard Edition Front End, Mediation, Persistent Chat	<input type="radio"/>	<input type="radio"/>
Enterprise Edition Front End, Mediation, Persistent Chat	<input type="radio"/>	<input type="radio"/>
Video Interop Server	<input type="radio"/>	<input type="radio"/>
Mediation	<input type="radio"/>	<input type="radio"/>
Persistent Chat	<input type="radio"/>	<input type="radio"/>

Answer:

Server Roles	Singapore	Hong Kong
Standard Edition Front End, Mediation, Persistent Chat	<input type="radio"/>	<input type="radio"/>
Enterprise Edition Front End, Mediation, Persistent Chat	<input type="radio"/>	<input checked="" type="radio"/>
Video Interop Server	<input checked="" type="radio"/>	<input type="radio"/>
Mediation	<input type="radio"/>	<input type="radio"/>
Persistent Chat	<input type="radio"/>	<input type="radio"/>

Question: 7

DRAG DROP

You have a Skype for Business Server 2015 infrastructure.

You need to configure Skype for Business Server 2015 to meet the following conferencing requirements:

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

Which Skype for Business Server 2015 cmdlets should you run? To answer, drag the appropriate cmdlet to the correct requirement in the answer area.

Each cmdlet may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Cmdlets	Requirement	Answer Area
Set-CsConferencingPolicy	Ensure that a legal disclaimer is added to all meeting invitations.	<input type="text"/> Cmdlet
Set-CsMeetingConfiguration	Ensure that only Skype for Business clients can be used to join conferences.	<input type="text"/> Cmdlet
Set-CsConferencingConfiguration	Ensure that meeting organizers manually admit remote meeting attendees who are users in your company.	<input type="text"/> Cmdlet
Set-CsExternalAccessPolicy		
Set-CSClientVersionPolicy		

Answer:

Answer Area

Requirement

Ensure that a legal disclaimer is added to all meeting invitations.

Ensure that only Skype for Business clients can be used to join conferences.

Ensure that meeting organizers manually admit remote meeting attendees who are users in your company.

Cmdlet to run

`Set-CsMeetingConfiguration`

`Set-CSClientVersionPolicy`

`Set-CsMeetingConfiguration`

Question: 8

HOTSPOT

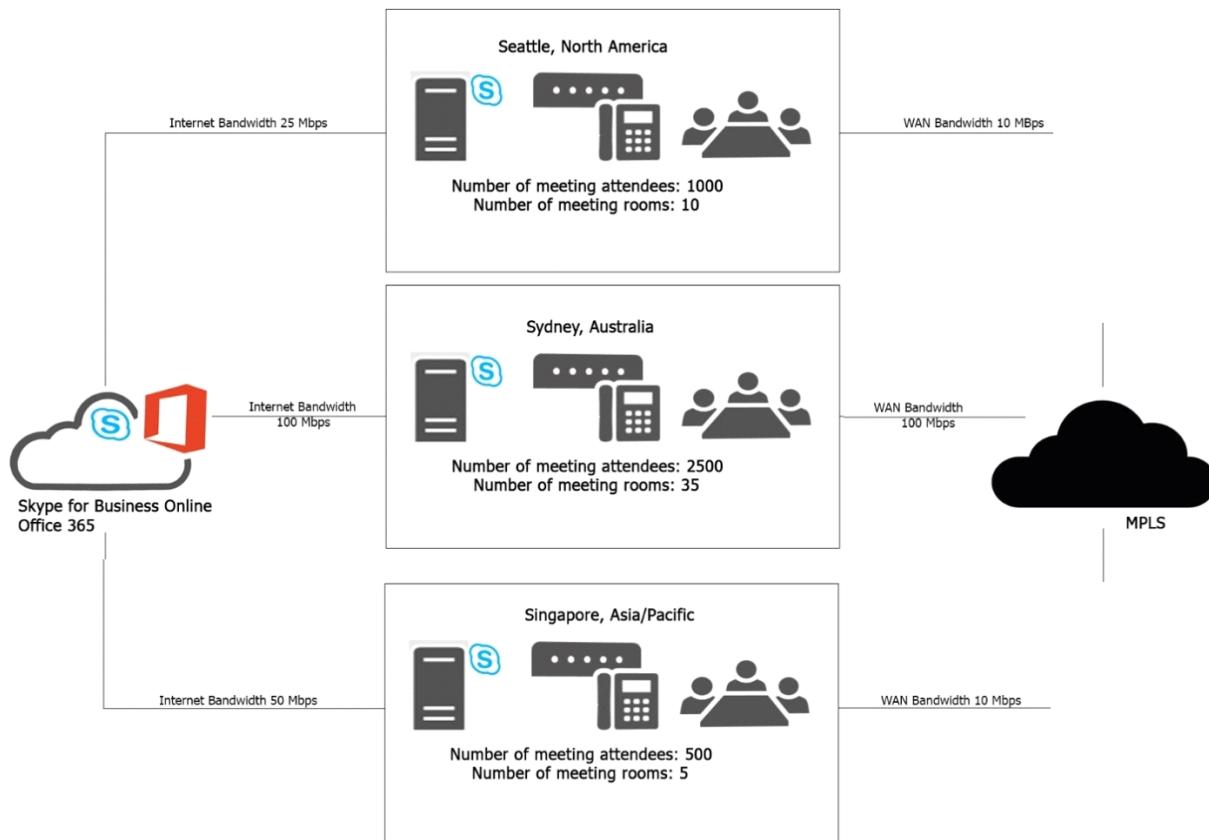
WingTip Toys is an Australian company based in Sydney. They are planning to integrate a legacy video teleconferencing (VTC) solution with Skype for Business Server 2015.

Existing VTCs in Sydney and Seattle are compatible with the Video Interoperability Server (VIS).

All VTCs are associated with a supported IP-PBX in each location.

The VIS solution will need to achieve high availability and site resiliency requirements.

The following is the information provided to facilitate the design of the VIS implementation.



NOTE: Each correct answer is worth one point.

Answer Area

Where should you deploy the VIS pools for WingTip Toys?

VIS pool in Sydney, 1 VIS pool in Singapore, 1 VIS pool in Seattle
2 VIS pools in Sydney, 2 VIS pools in Singapore, 2 VIS pools in Seattle
1 VIS pool in Sydney, no VIS pool in Singapore, 1 VIS pool in Seattle
2 VIS pools in Sydney, no VIS pool in Singapore and no VIS pool in Seattle

How should you achieve site resiliency for the VIS solution?

Step 1: Implement the following SIP trunk:

Sydney IP-PBX to the VIS pool in Sydney
Sydney IP-PBX to the VIS pools in Sydney and Seattle

Step 2: Implement the following SIP trunk:

Singapore IP-PBX to the VIS pool in Singapore, and the Seattle IP-PBX to the VIS pool in Seattle
Seattle IP-PBX to the VIS pool in Seattle
Singapore IP-PBX to the VIS pools in Sydney
Seattle IP-PBX to the VIS pools in Seattle and Sydney

Answer: _____

Answer Area

Where should you deploy the VIS pools for WingTip Toys?

VIS pool in Sydney, 1 VIS pool in Singapore, 1 VIS pool in Seattle
2 VIS pools in Sydney, 2 VIS pools in Singapore, 2 VIS pools in Seattle
1 VIS pool in Sydney, no VIS pool in Singapore, 1 VIS pool in Seattle
2 VIS pools in Sydney, no VIS pool in Singapore and no VIS pool in Seattle

How should you achieve site resiliency for the VIS solution?

Step 1: Implement the following SIP trunk:

Sydney IP-PBX to the VIS pool in Sydney
Sydney IP-PBX to the VIS pools in Sydney and Seattle

Step 2: Implement the following SIP trunk:

Singapore IP-PBX to the VIS pool in Singapore, and the Seattle IP-PBX to the VIS pool in Seattle
Seattle IP-PBX to the VIS pool in Seattle
Singapore IP-PBX to the VIS pools in Sydney
Seattle IP-PBX to the VIS pools in Seattle and Sydney

Question: 9

You support a customer whose Skype for Business Server 2015 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 phone number.

You discover that the dial-in conference phone number is configured incorrectly.

You need to change the phone number.

Which two actions will achieve the goal? Each correct answer presents a complete solution.

- Run the Set-CsDialInConferencingAccessNumber Skype for Business Management Shell cmdlet.
- Delete the object and recreate the access number.
- Run the New-CsDialInConferencingDtmfConfiguration Skype for Business Management Shell cmdlet.
- Run the Set-CsSipResponseCodeTranslationRule Skype for Business Management Shell cmdlet.

Answer: A, B

Question: 10

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 Skype for Business Server 2015.

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

Answer: D

Question: 11

You support Skype for Business Server 2015 servers in your customer's company network. You enable federation with Skype for Consumers.

Users of Skype for consumers are unable to participate in instant messaging (IM) conversations in your customer's organization.

You need to ensure that the users of Skype for Consumers clients are able to participate in IM conversations.

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

- A. Create a SIP federated provider.
- B. Enable an archiving disclaimer to federated partners.
- C. Enable partner domain discovery.
- D. Create an external access policy.

Answer: A,D

Question: 12

A company has a Skype for Business 2015 infrastructure with 65,000 users. There are two Front End pools, named Pooh and Pool2, respectively. The Central Management Store is hosted on Pool1.

Pool1 suffers a catastrophic failure. You must permanently move users from Pool1 to Pool2.

You need to fail over Pool1.

Which Skype for Business Management Shell cmdlet or cmdlets should you run?

- A. Invoke-CsPoolFailover
- B. Get-CsDatabaseMirrorState and Invoke-CSManagementServerFailover
- C. Install-CsDatabase and Move-CsManagementServer
- D. Set-CsConfigurationStoreLocation

Answer: B

Question: 13

HOTSPOT

Wide World Importers has a headquarters office in New York and a sales office in Los Angeles. The company implements Skype for Business Server 2015.

- All executive staff are based out of the New York office.
- All sales staff are based out of the Los Angeles office.
- All users use Exchange Online for email.

The sales staff reports that their presence state does not reflect the changes they make to their calendars. You must not store Instant Messages for executives in Outlook.

You need to configure a separate client policy for each location that will enforce the functionality required by the local users.

In the table below, identify the client policy parameter that will be used to configure the client policy in each location.

NOTE: Make only one selection in each column. Each correct answer is worth one point

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input type="radio"/>	<input type="radio"/>
MAPIPollInterval	<input type="radio"/>	<input type="radio"/>
EnableMAutoArchiving	<input type="radio"/>	<input type="radio"/>
EnableServerConversationHistory	<input type="radio"/>	<input type="radio"/>
WebServicePollInterval	<input type="radio"/>	<input type="radio"/>

Answer:

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input checked="" type="checkbox"/>	<input type="radio"/>
MAPIPollInterval	<input checked="" type="checkbox"/>	<input type="radio"/>
EnableMAutoArchiving	<input type="radio"/>	<input checked="" type="checkbox"/>
EnableServerConversationHistory	<input type="radio"/>	<input checked="" type="checkbox"/>
WebServicePollInterval	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 14

DRAG DROP

You have a Skype for Business Server 2015 infrastructure that contains four Front End Pools. The pools are configured as shown in the following table.

Pool name	Location	Users
Pool1	Site1	Users in the sales department
Pool2	Site2	Users in the research department
Pool3	Site1	Users in the marketing department
Pool4	Site2	Users in the sales department

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

Policy name	Archive setting	Applies to
Policy1	Archive internal instant messaging (IM)	Sales users
Policy2	Archive external instant messaging (IM)	Site1
Policy3	Archive external and internal IM instant messaging (IM)	Site2

You need to identify which archiving setting will apply each group of users.

Which archiving setting will be applied? To answer, drag the appropriate archiving setting to the correct user group in the answer area.

- a. Each archiving setting may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Archiving Settings	Answer Area
Archive internal IM only	Sales users in Site1
Archive external IM only	Sales users in Site2
Archive external and internal IM	Research users in Site2
	Marketing users in Site1

Answer:

Answer Area	
Sales users in Site1	Archive internal IM only
Sales users in Site2	Archive internal IM only
Research users in Site2	Archive external and internal IM
Marketing users in Site1	Archive external IM only

Question: 15

HOTSPOT

Your network contains an Active Directory Domain Services domain named contoso.com. The domain contains a Skype for Business Server 2015 infrastructure that has the Persistent Chat feature configured.

Persistent Chat is hosted by a Front End pool named pcpool.

You need to configure a chat room named Announcements to meet the following requirements:

- Allow only the user named user1@contoso.com to post messages to Announcements.
- Users from a group named group1 must be able to view the messages in Announcements.

How should you configure the relevant Skype for Business Management Shell command? To answer, configure the appropriate parameters for the command in the answer area.

Set-CsPersistentChatRoom -Identity pcpool.contoso.com\Announcements

-Managers
-Presenters

@{Add="sip:user1@contoso.com"} ▼ -Members @{Add="CN=group1,DC=contoso,DC=com"}

-Type Auditorium
-Type Normal
-Privacy Closed
-Privacy Open

Answer:

Set-CsPersistentChatRoom -Identity pcpool.contoso.com\Announcements

-Managers
-Presenters

@{Add="sip:user1@contoso.com"} ▼ -Members @{Add="CN=group1,DC=contoso,DC=com"}

-Type Auditorium
-Type Normal
-Privacy Closed
-Privacy Open

Question: 16

HOTSPOT

You support Skype for Business Server 2015 servers in your customer's company network. You plan to configure Extensible Messaging and Presence Protocol (XMPP) federation with an instant messaging partner.

XMPP users must not be able to communicate with Skype for Business users without direct authorization. The XMPP federated partner supports only:

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

On the configuration options page for XMPP Federated Partners, what should you do? To answer, select 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

New XMPP Federated Partners

Primary domain: *

Description:

Additional domains:
Type a valid domain name, and then click Add.

Partner type:
Federated
Public Verified
Public Unverified

Connection type:

TLS negotiation:
Required
Optional
Not Supported

SASL negotiation:
Required
Optional
Not Supported

Support server dialback negotiation:
True
False

Answer:

Partner type:

Federated
 Public Verified
 Public Unverified

Connection type:

TLS negotiation:

Required
 Optional
 Not Supported

SASL negotiation:

Required
 Optional
 Not Supported

Support server dialback negotiation:

True
 False

Question: 17

HOTSPOT

You have a Skype for Business Server 2015 environment that contains four Standard Edition Front End Servers and an Edge Server. You run the following Skype for Business Management Shell command:

```
Get-CsManagementStoreReplicationStatus | ft ReplicaFQDN, UpToDate
```

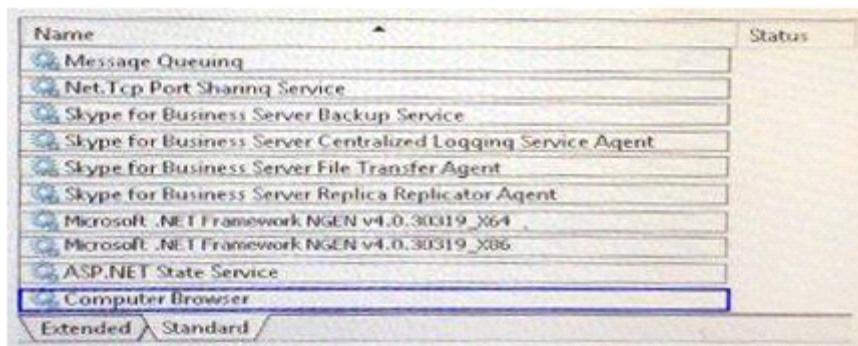
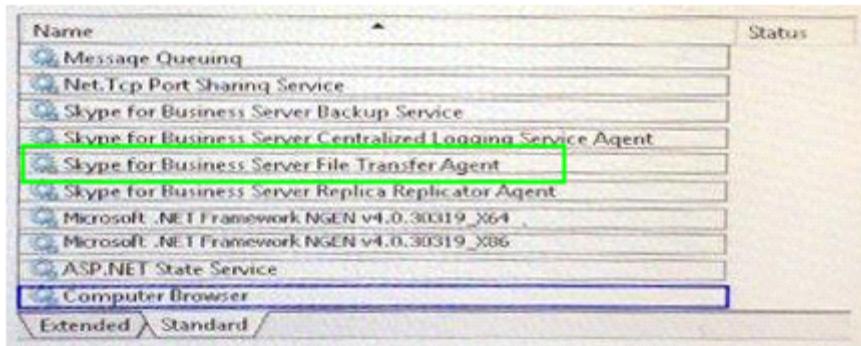
The following output is displayed:

ReplicaFqdn	UpToDate
edge1.contoso.com	False
feserver1.contoso.com	False
feserver2.contoso.com	False
feserver3.contoso.com	False
feserver4.contoso.com	False

On the server responsible for the replication of the Central Management store, you discover that several services have stopped.

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

In the Microsoft Management Console Services applet, which service should you start? To answer, select the appropriate service in the answer area.

**Answer:****Question: 18**

You have a Skype for Business Server 2015 infrastructure that contains four servers. The servers are configured as shown in the following table.

Server name	Role
Server1.contoso.com	Standard Edition
Server2.contoso.com	Standard Edition
Server3.contoso.com	Edge Server
SQL1.contoso.com	Microsoft SQL Server SQL Server Reporting Services (SSRS)

After a network failure, you restore Server3.

You need to force replication between the servers.

Which Skype for Business Management Shell cmdlet should you run?

- A. On Server3, run the following cmdlet `Invoke-CsBackupServiceSync`
- B. On ServeM, run the following cmdlet `Invoke-CsManagementStoreReplication`
- C. On ServeM, run the following cmdlet `Invoke-CsBackupServiceSync`
- D. On Server3, run the following cmdlet `Invoke-CsManagementStoreReplication`

Answer: B**Question: 19**

The company plans to implement a conferencing solution to meet the following requirements:

- 1) The company's executives must be able to create conferences that contain up to 250 participants.
- 2) The company's managers must be able to create conferences that contain up to 50 participants.

3) All other users must be prevented from creating conferences that contain more than 15 users.
You need to configure the conferencing settings to support the conferencing requirements and the business requirements.
What should you do?

- A. Create a site-level conferencing policy for all users, a site-level conferencing policy for the managers, and a per-user conferencing policy for the executives.
- B. Modify the global conferencing policy. Create a per-user conferencing policy for the managers and a per-user conferencing policy for the executives.
- C. Create a per-user conferencing policy for all users, a per-user conferencing policy for the managers, and a per-user conferencing policy for the executives.
- D. Modify the global conferencing policy. Create a site-level conferencing policy for the managers and a site-level conferencing policy for the executives.

Answer: B

Question: 20

You support a customer whose network environment includes Skype for Business Server 2015 Standard Edition. Your customer plans to enable sharing of Microsoft PowerPoint content in Skype for Business meetings.
You enable the Office Web Apps Server discovery URL in the Skype for Business topology.
You need to verify that Skype for Business enables PowerPoint content. What should you do?

- A. Check the Event Log of the Front End pool server.
- B. in a web browser, verify the Office Web Apps Discovery URL.
- C. Check the Event Log of the Office Web Apps server.
- D. Check the Skype for Business Server 2015 Control Panel.

Answer: A

Question: 21

You support a customer whose network environment includes Microsoft Lync Server 2010 Group Chat. You plan to deploy Skype for Business Server 2015 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.

- A. Run the following Skype for Business Management Shell cmdlet: Set-CsPersistentChatActiveServer
- B. Back up the mgc from the Group Chat server and restore it to the Persistent Chat server.
- C. Ensure that legacy clients can connect to the new Persistent Chat pool. Shut down Persistent Chat services, and then run the following Skype for Business Management Shell cmdlet: Import-CsPersistentChatData
- D. Deploy Skype for Business Server 2015 and then deploy a Persistent Chat pool. Shut down Lync Server 2010 Group Chat services, and then run the following Skype for Business Management Shell cmdlet: Export-CsPersistentChatData

Answer: C,D

Explanation:

References:<https://technet.microsoft.com/en-us/library/jj204709.aspx>

Question: 22**DRAG DROP**

You need to troubleshoot a login issue reported by a user.

No logging services scenarios are currently running and you need to stop any running logging scenarios after retrieving the troubleshooting information.

Which three actions should you perform in sequence? To answer, move the appropriate actions or Skype for Business Management Shell cmdlets from the list of actions and cmdlets to the answer area and arrange them in the correct order.

Actions	Answer Area	
Run the following Skype for Business Management Shell cmdlets: Search-CsCIsLogging Stop-CsCIsLogging		
Run the following Skype for Business Management Shell cmdlet: New-CsCIsScenario		
Run the following Skype for Business Management Shell cmdlet: New-CsCIsRegion	▶	◀
Run the following Skype for Business Management Shell cmdlet: New-CsCIsProvider		
Sign in to Skype for Business 2015 from the client computer experiencing login issues.		
Run the following Skype for Business Management Shell cmdlet: Start-CsCIsLogging	▶	◀
Run the following Skype for Business Management Shell cmdlet: New-CsCIsSecurityGroup		

Answer:

Run the following Skype for Business Management Shell cmdlet:

Start-CsCISLogging

Sign in to Skype for Business 2015 from the client computer experiencing login issues.

Run the following Skype for Business Management Shell cmdlets:

Search-CsCISLogging
Stop-CsCISLogging

Question: 23

HOTSPOT

WingtipToys is currently migrating from an existing IP-PBX solution to Skype for Business Server 2015. They have their headquarters located in New York and 10 sales offices spread throughout North America.

Users who have been moved to Skype for Business complain that they cannot find users who are still on the existing IP-PBX. Wingtip Toys is using a 5-digit dial plan for all their IP-PBX users.

The following image shows the properties for a user that is still on the IP-PBX.

General		Address	Telephones	Organization	Member Of
	Justin Thorp				
First name:	Justin	Initials:			
Last name:	Thorp				
Display name:	Justin Thorp				
Description:					
Office:					
Telephone number:	34565	Other...			
E-mail:					
Web page:					

Use the drop-down menus to select the answer choice that answers each question. Each correct answer is worth one point.

What must you do to ensure that users who have been migrated to Skype for Business can find the users who are still on the IP-PBX within the Skype for Business client?

After you add the new normalization rule, what must you do in order to force an update of the Address Book?

Run the New-CsAddressBookNormalizationRule PowerShell command and add a new normalization rule.
Edit the Company_Phone_Number_Normalization_Rules.txt file and add a new normalization rule.
Edit each of the Skype for Business dial plans and add a new normalization rule to each dial plan.
Run the set-CsAddressBookConfiguration PowerShell command and add a new normalization rule.

Run the Update-CsAddressBook PowerShell command to force an update of the Address Book.
Run the Update-CsUserData PowerShell command to force an update of the Address Book.
Run the Get-CsAddressBookNormalizationRule PowerShell command and force and update of the Address Book.

Answer:

Run the New-CsAddressBookNormalizationRule PowerShell command and add a new normalization rule.
Edit the Company_Phone_Number_Normalization_Rules.txt file and add a new normalization rule.
Edit each of the Skype for Business dial plans and add a new normalization rule to each dial plan.
Run the set-CsAddressBookConfiguration PowerShell command and add a new normalization rule.

Run the Update-CsAddressBook PowerShell command to force an update of the Address Book.
Run the Update-CsUserData PowerShell command to force an update of the Address Book.
Run the Get-CsAddressBookNormalizationRule PowerShell command and force and update of the Address Book.

Question: 24

You have a Skype for Business 2015 infrastructure that contains two servers. The servers are configured as shown in the following table.

Server name	Pool name	Role
ServerFE1	ServerFE1.contoso.com	Standard Front End Server
ServerFE2	ServerFE2.contoso.com	Standard Front End Server

Pool pairing is configured between ServerFE1 and ServerFE02. Currently, the Central Management store is hosted on ServerFE1

A hardware failure occurs on ServerFE1

You manually perform a failover of all the user services and the Central Management store to ServerFE2.

You resolve the hardware issue on ServerFE1

You need to restore all of the user services and the Central Management store to ServerFE1

Which three Skype for Business Server 2015 commands should you run? Each correct answer presents part of the solution.

- A. Install-CSDatabase -CentralManagementDatabase -SqlServerFqdn ServerFE1 .contoso.com -SQLInstanceName RTC-Clean D
- B. Invoke-CsPoolFallback -PoolFQDN ServerFE2.contoso.com
- C. Invoke-CsPoolFallback -PoolFQDN ServerFE1 .contoso.com
- D. Invoke-CsManagementServerFailover-BackupSqlServerFQDN ServerFE1 contoso.com -BackupSqlInstanceName RTC - Force
- E. Move-CsManagementServer

Answer: A, C, E

Question: 25

You administer a Skype for Business Server 2015 environment. You delegate the CsServerAdministratorroleto User! User I must manage the installation and deployment of device updates. User I fails to import a device update package on the server due to insufficient permissions.

You need to ensure that User I has the minimum permissions required to install and manage updates for devices. What should you do?

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

Answer: C

Question: 26

You support a customer who is upgrading from Lync2010 Group Chat to Skype for Business 2015 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 Skype for Business 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 Skype for Business 2015 Persistent Chat to support legacy Group Chat clients. Which Skype for Business Management Shell commands should you run?

- A. New-CsPersistentChatEndpoint -SipAddress sip:ocschat@litwareinc.com -PersistentChatPoolFqdn pchatpool.litware.com
- B. \$cred1 = Get-Credential 1itwareinc\pilar;\$cred2 = Get-Credential 1itwareinc\ocschatTest-CsPersistentChatMessage -TargetFqdn pchatpool.litwareinc.com -SenderSipAddress "sip:pilar@litwareinc.com" -SenderCredential \$cred1 -ReceiverSipAddress "sip:ocschat@litwareinc.com" -ReceiverCredential \$cred2
- C. Set-CsPersistentChatRoom -Identity IT-Presenters @{Add="sip:ocschat@litwareinc.com"}
- D. New-CsTrustedApplicationEndpoint -Application pchat -TrustedApplicationPoolFqdn pchatpool.litware.com -SipAddress sip:ocschat@litwareinc.com

Answer: A

Question: 27

HOTSPOT

A company deploys Office Web Apps Server 2013 to support Microsoft Exchange and SharePoint. You have a physical instance of SQL Server in an AlwaysOn Availability group configuration. The company plans to deploy a Skype for Business Server 2015 solution that supports 10,000 users.

You have the following requirements:

- Existing meeting rooms must be able to join Skype meetings that use video.
- All new servers must be deployed in the existing virtual environment when possible.
- Video interoperability must use a Skype for Business solution.

You need to deploy the Skype for Business Server 2015 roles. In the table below, identify the server role to be deployed.

NOTE: Make only one selection in each column. Each correct answer is worth one point.

Answer Area

Server Roles	Physical	Virtual
Standard Edition server	<input type="radio"/>	<input type="radio"/>
Enterprise Edition Front End servers	<input type="radio"/>	<input type="radio"/>
Video Interop Server	<input type="radio"/>	<input type="radio"/>
Office Web Apps Server	<input type="radio"/>	<input type="radio"/>
Enterprise Edition Back End servers	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Server Roles	Physical	Virtual
Standard Edition server	<input type="radio"/>	<input checked="" type="radio"/>
Enterprise Edition Front End servers	<input type="radio"/>	<input type="radio"/>
Video Interop Server	<input checked="" type="radio"/>	<input type="radio"/>
Office Web Apps Server	<input type="radio"/>	<input type="radio"/>
Enterprise Edition Back End servers	<input type="radio"/>	<input type="radio"/>

Question: 2

HOTSPOT

You plan to deploy a Skype for Business Server 2015 Edge Server infrastructure. The Edge Server deployment will be configured as shown in the following table.

Server name	FQDN	Component	IP address
Server1	Sip.contoso.com	Access Edge service	131.107.1.1
Server1	Wc.contoso.com	Web Conferencing Edge service	131.107.1.2
Server1	Av.contoso.com	A/V Edge service	131.107.1.3

You need to configure the DNS records for Server1 to support the following features:

- Automatic client sign-in

- Discovery of federated partners

Which DNS records should you configure?

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

Answer Area

Service	Domain	Protocol	Port	Host
<input type="button" value="▼"/>	Contoso.com	<input type="button" value="▼"/>	5061	<input type="button" value="▼"/>
<input type="button" value="▼"/>	Contoso.com	<input type="button" value="▼"/>	443	<input type="button" value="▼"/>

Answer Area

Service	Domain	Protocol	Port	Host
<input type="button" value="▼"/> _sip _sipfederationtls _sipfederationtcp	Contoso.com	<input type="button" value="▼"/> _tcp _tls	5061	<input type="button" value="▼"/> Av.contoso.com Sip.contoso.com Wc.contoso.com
<input type="button" value="▼"/> _sip _sipfederationtls _sipfederationtcp	Contoso.com	<input type="button" value="▼"/> _tcp _tls	443	<input type="button" value="▼"/> Av.contoso.com Sip.contoso.com Wc.contoso.com

Answer:

Answer Area

Service	Domain	Protocol	Port	Host
<input type="button" value="▼"/> _sip _sipfederationtls _sipfederationtcp	Contoso.com	<input type="button" value="▼"/> tcp _tls	5061	<input type="button" value="▼"/> Av.contoso.com Sip.contoso.com Wc.contoso.com
<input type="button" value="▼"/> sip _sipfederationtls _sipfederationtcp	Contoso.com	<input type="button" value="▼"/> tcp _tls	443	<input type="button" value="▼"/> Av.contoso.com Sip.contoso.com Wc.contoso.com

Note:

* the Edge generally only listens on port 5061 if you have Federation enabled

* Port, protocol and firewall requirements for federation with Microsoft Lync Server 2013, Lync Server 2010 and Office Communications Server are similar to those for the deployed Edge Server. Clients initiate communication with the Access Edge service over TLS/SIP/TCP 443. Federated partners however, will initiate communications to the Access Edge service over MTLS/SIP/TCP 5061.

Reference: Port Summary - Lync Server and Office Communications Server Federation

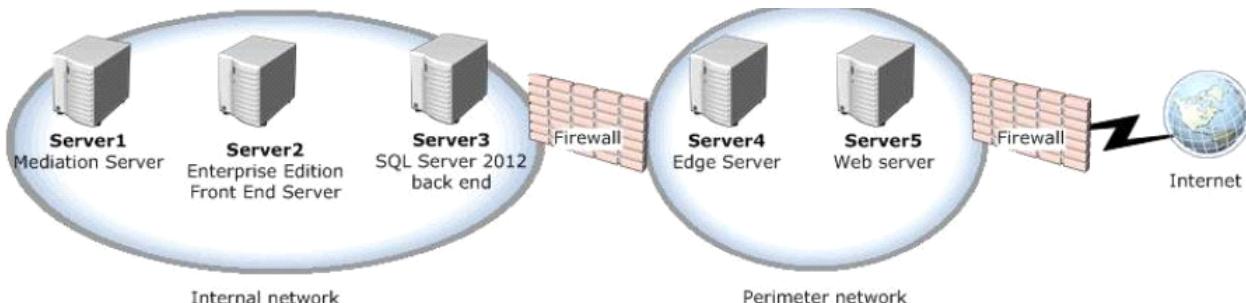
Question: 3

HOTSPOT

You have a Skype for Business Server 2015 infrastructure as shown in the exhibit. Click the Exhibit button.

The infrastructure contains an Enterprise Edition Front End pool.

You plan to deploy Persistent Chat.



The solution must minimize the deployment of additional servers whenever possible.

You need to identify the placement of the components required for Persistent Chat.

Where should you deploy the Persistent Chat components? To answer, select the appropriate server to deploy each component in the answer area.

Persistent Chat Front End Server:

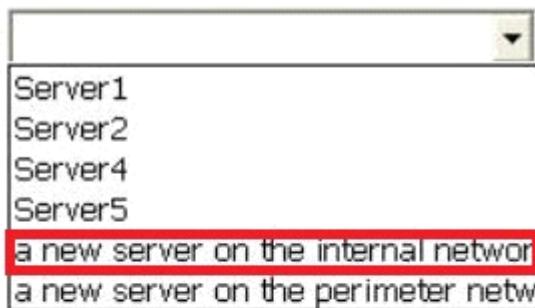
Server1
Server2
Server4
Server5
a new server on the internal network
a new server on the perimeter network

Persistent Chat Server Store:

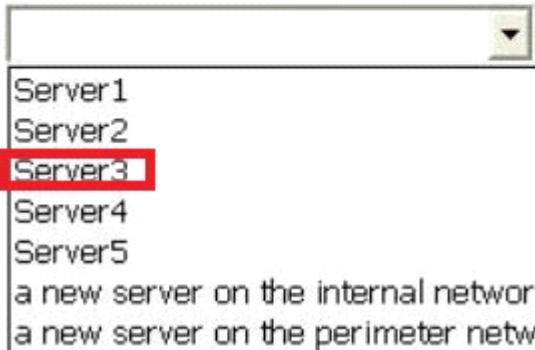
Server1
Server2
Server3
Server4
Server5
a new server on the internal network
a new server on the perimeter network

Answer:

Persistent Chat Front End Server:



Persistent Chat Server Store:



Question: 4

A company has a Skype for Business 2015 environment that consists of a single site. Client Version Configuration policies are disabled globally- Employees and external partners join Skype for Business meetings to discuss projects. Some users report that they are missing some Skype for Business features and that they are not able see multiple people conferences. You must notify users that have older versions of the client software installed so that they may upgrade to the version.

You need to configure Skype for Business.

What should you do?

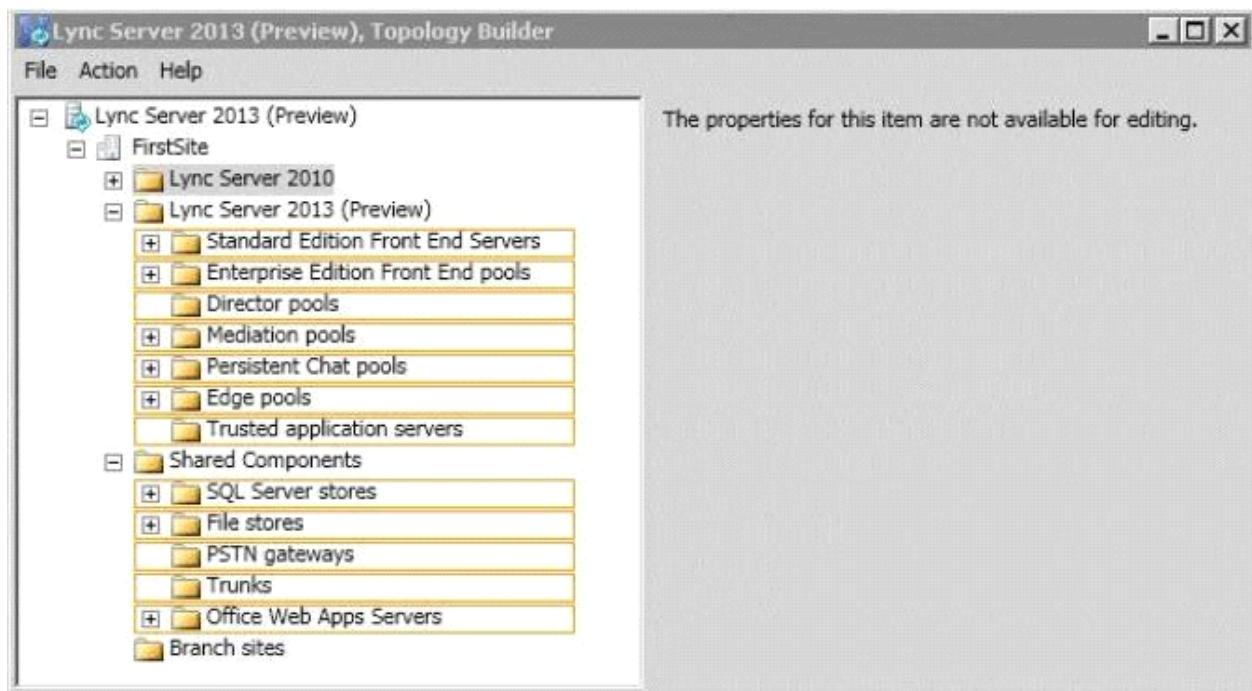
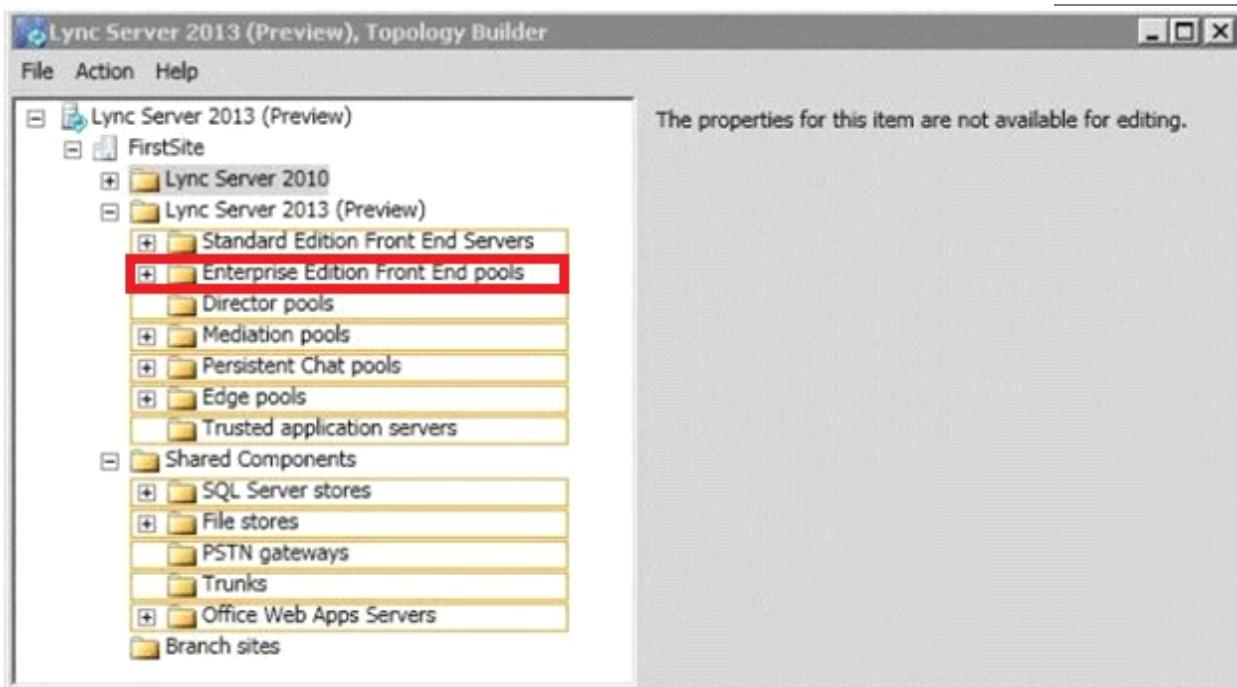
- A. Create a Client Version Configuration policy for the internal users. Run the Set-CsAccessEdgeConfiguration Skype for Business Management Shell cmdlet to notify external users.
- B. Create a Client Version Configuration policy for the internal users. Run the New-CsEdgcAllowList Skype for Business Management Shell cmdlet to notify external users.
- C. Create a Client Version Configuration policy for the internal users. Run the New-CsEdgeAllowList Skype for Business Management Shell cmdlet to notify external users.
- D. Create a site specific Client Version Configuration policy and enable the global Client Version Configuration policy.

Answer: D

Question: 2

HOTSPOT

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

**Answer:**

Configure Web Services

Log on to the computer where Topology Builder is installed as a member of the Domain Admins group and the RTCUniversalServerAdmins group.

Start Topology Builder: Click Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Topology Builder.

In Topology Builder, in the console tree under Standard Edition Front End Servers, Enterprise Edition Front End pools, and Director pools, select the pool name. Right-click the name, click Edit Properties, and then click Web Services.

Add or edit the External Web Services FQDN, and then click OK.

Question: 6

You deploy a Skype for Business Server 2015 Enterprise Pool that is configured with Enterprise Voice and Dial-in

Conferencing. All client computers run Windows 10 and Skype for Business. Users report that they are unable to share Microsoft PowerPoint presentations. You need to ensure that while they are in conferences, users are able to share PowerPoint presentations. You also need to ensure that users are able to scroll through PowerPoint presentations. What should you do?

- A. Install Office 2013 for all users and instruct them to use PowerPoint 2013.
- B. Install an Office Web Apps Server on a server and configure Skype for Business Server 2015 to communicate with Office Web Apps.
- C. Install an Office Web Apps Server on a server that is running Office 2013 and configure Skype for Business Server 2015 to communicate with Office Web Apps.
- D. Configure a new conferencing policy that enables theAllowMultiViewproperty.
- E. Configure a new conferencing policy that enables the application and desktop sharing option.

Answer: B

Question: 7

You deploy a Skype for Business Server 2015 Persistent Chat server named atl-cs-001.litwareinc.com. You need to remove all messages prior to March 1, 2015 from a chat room named LegalChatRoom. Which two Skype for Business Server 2015 Management Shell commands will achieve the goal? Each correct answer presents a complete solution.

- A. Set-CsPersistentChatRoom –Identity LegalChatRoom –Managers @{Add="sip:complianceofficer@litwareinc.com"}
- B. Remove-CsPersistentChatRoom –Identity "atl-cs-001.litwareinc.com\LegalChatRoom"
- C. Clear-CsPersistentChatRoom -Identity "atl-cs-001.litwareinc.com\LegalChatRoom" –EndDate "3/1/2015"
- D. Remove-CsPersistentChatMessage –Identity "atl-cs-001.litwareinc.com\LegalChatRoom" –EndDate "3/1/2015"

Answer: C,D

Explanation:

References:

<https://technet.microsoft.com/en-us/library/jj204976.aspx>

Question: 8

Contoso is evaluating the implementation of push notifications for Windows Phone devices. You need to identify which tasks must be performed to enable the push notifications. Which three Skype for Business Management Shell cmdlets should you identify? Each correct answer presents part of the solution. Choose three.

- A. New-CsAllowedDomain
- B. Set-CsPublicProvider
- C. New-CsHostingProvider
- D. Set-CsPushNotificationConfiguration
- E. Enable-CsPublicProvider

Answer: A, C, D

<http://technet.microsoft.com/en-us/library/hh690047.aspx>

Question: 9

You support the Skype for Business 2015 infrastructure for a company. The company has four buildings that are connected using-speed networks.

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: 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: -56dBov
```

Which of the following values is outside acceptable limits?

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

Answer: B

Question: 10

A customer has a network environment that includes Skype for Business Server 2015. 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 domain users, you change the attributes that relate to title and department. You discover that these attributes are not reflected in the users' contact cards in Skype for Business.

You need to update the Skype for Business address book immediately to reflect the changes you made.

What should you do?

- A. Change the Global Client Policy to use WebSearchandFileDownload.
- B. Run the following Skype for Business Management Shell command: Set-CsClientPolicy –Identity Global –EnableExchangeContactSync \$true
- C. Run the following Skype for Business Management Shell cmdlet: Update-CsUserDatabase

D. Run the following Skype for Business Management Shell cmdlet:Update-CsAddressBook

Answer: D

Explanation:

References:

<https://technet.microsoft.com/en-us/library/gg398194.aspx>

Question: 11

HOTSPOT

You upgrade an environment that includes Lync Server 2013 Standard Edition to Skype for Business Server 2015. An administrator modifies the global client policy. After this modification, users with Lync 2013 clients are unable to sign in. The following error message is displayed:



You need to ensure that users with Lync 2013 clients can sign in.

In the Skype for Business Control Pane, which user agent should you modify? To answer, select the appropriate user agent rule in the answer area.

Edit Client Version Policy - Global

		Commit	Cancel	?																																				
Scope:	Global																																							
Name:	Global																																							
Description:																																								
+ New Show details... Remove ↑ ↓ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>User agent</th> <th>Version</th> <th>Operation</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>RTC</td> <td>13.*.*</td> <td>Older than or same as</td> <td>Block</td> </tr> <tr> <td>WM</td> <td>5.*.*</td> <td>Older than or same as</td> <td>Block</td> </tr> <tr> <td>OC</td> <td>3.5.6907.233</td> <td>Older than</td> <td>Block</td> </tr> <tr> <td>OC</td> <td>3.9999.9999.9999</td> <td>Older than or same as</td> <td>Allow</td> </tr> <tr> <td>OC</td> <td>4.0.7577.314</td> <td>Older than</td> <td>Block</td> </tr> <tr> <td>OC</td> <td>4.9999.9999.9999</td> <td>Older than or same as</td> <td>Allow</td> </tr> <tr> <td>OC</td> <td>15.0.3612.1010</td> <td>Newer than</td> <td>Block</td> </tr> <tr> <td>UCCP</td> <td>2.0.5999.*</td> <td>Older than or same as</td> <td>Block</td> </tr> </tbody> </table>					User agent	Version	Operation	Action	RTC	13.*.*	Older than or same as	Block	WM	5.*.*	Older than or same as	Block	OC	3.5.6907.233	Older than	Block	OC	3.9999.9999.9999	Older than or same as	Allow	OC	4.0.7577.314	Older than	Block	OC	4.9999.9999.9999	Older than or same as	Allow	OC	15.0.3612.1010	Newer than	Block	UCCP	2.0.5999.*	Older than or same as	Block
User agent	Version	Operation	Action																																					
RTC	13.*.*	Older than or same as	Block																																					
WM	5.*.*	Older than or same as	Block																																					
OC	3.5.6907.233	Older than	Block																																					
OC	3.9999.9999.9999	Older than or same as	Allow																																					
OC	4.0.7577.314	Older than	Block																																					
OC	4.9999.9999.9999	Older than or same as	Allow																																					
OC	15.0.3612.1010	Newer than	Block																																					
UCCP	2.0.5999.*	Older than or same as	Block																																					

Answer:

The screenshot shows the 'Edit Client Version Policy - Global' dialog box. At the top, there are 'Commit' and 'Cancel' buttons. Below that, the 'Scope' is set to 'Global' and the 'Name' is 'Global'. There is a 'Description' field which is empty. The main area is a table with columns: User agent, Version, Operation, and Action. The rows are:

User agent	Version	Operation	Action
RTC	1.3.*.*	Older than or same as	Block
WM	5.*.*	Older than or same as	Block
OC	3.5.6907.233	Older than	Block
OC	3.9999.9999.9999	Older than or same as	Allow
OC	4.0.7577.314	Older than	Block
OC	4.9999.9999.9999	Older than or same as	Allow
OC	15.0.3612.1010	Newer than	Block
UCCP	2.0.5999.*	Older than or same as	Block

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

Question: 12

DRAG DROP

You are helping your customer perform a side-by migration from Microsoft Lync server 2010 to Skype for Business Server 2015.

The customer moves a batch of users to Skype for Business Server 2015. One user reports that when she escalates an instant messaging conversation to an Audio/Video conference with her colleague who is on Lync Server 2010, audio and video quality become irregular. She also reports that the network signal strength display 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 Skype for Business user reports that after a few minutes, everything starts working fine. You discover that user is connected to 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 Skype for Business Server client on a second test computer and sign in with a Skype for Business Server 2015 test user account.

You collect the following information:

- log files from each client
- events from each client
- log files from both Front End Server pools
- events from the Skype for Business Server 2015 pool
- Network analyzer data from the Edge Server
- Network analyzer data from the test computer that has Skype for Business Server

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.

Actions

Open the output file from the network analyzer.

Locate the test call.

Open the Lync 2010 client log file by using Snooper.

Locate calls that use the DSCP tag.

Locate calls that use port 5061.

Review the RTP packets in the network analyzer file.

Answer Area

Answer:

Actions

Open the output file from the network analyzer.

Locate the test call.

Open the Lync 2010 client log file by using Snooper.

Locate calls that use the DSCP tag.

Locate calls that use port 5061.

Review the RTP packets in the network analyzer file.

Answer Area

Open the output file from the network analyzer.

Locate the test call.

Review the RTP packets in the network analyzer file.



Question: 13

You have two Skype for Business Server 2015 Front End servers.

You plan to install a third Front End server. User1 must be able to install a new Skype for Business Server 2015 Front You need to delegate the minimum level of Skype for Business Server permissions to User1. Which two actions should you perform? Each correct answer presents part of the solution. Choose two.

- A. From Skype for Business Management Shell, run the following cmdlet:Grant-CsSetupPermission –ComputerOU “ou=CsServers,dc=litwareinc,dc=com”
- B. Assign User1 the CsServerAdministrator role.
- C. Grant User1 membership to the RTCUniversalServerAdmins group.
- D. Grant User1 membership to the RTCUniversalUserAdmins group.
- E. Assign User1 the CsLocationAdministrator role.
- F. From Skype for Business Management Shell, run the following cmdlet:Update-CsAdminRole

Answer: A,C

Question: 14

You have a Skype for Business Server 2015 infrastructure that is configured for audio/video conferencing and Enterprise Voice.

Users report that they cannot connect to audio conferences from a branch office. The branch office is secured and has limited connectivity to other offices.

The users can connect to audio conferences from other offices.

You need to configure the port range used by Skype for Business clients for audio conferencing.

Which Skype for Business Management shell cmdlet should you run?

- A. Set-CsExternalAccessPolicy
- B. Set-CsNetworkConfiguration
- C. Set-CsConferencingConfiguration
- D. Set-CsMediaConfiguration

Answer: C

<http://technet.microsoft.com/en-us/library/gg412969.aspx>

Question: 15

You support a customer whose network environment includes Skype for Business Server 2015 deployed in a datacenter that has two pools, named PoolA and PoolB . Both PoolA and PoolB have Skype for Business Server 2015 installed. You use the Skype for Business 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.

Which Skype for Business Management Shell cmdlet or cmdlets should you run?

- A. Get-CsDatabaseMirrorState and Itwoke-CSManagementServerFailover
- B. Set-CsEdgeServer
- C. Set-CsAccessEdgeConfiguration
- D. Set-CsAVEdgeConfiguration

Answer: B

Question: 16**DRAG DROP**

You have a Skype for Business Server 2015 infrastructure.

You plan to provide remote users with the ability to establish the following:

Peer-to-peer calls between themselves and users on the internal network

Chat sessions from mobile devices

You need to recommend which components you must configure to provide the required access to the remote users.

Which components should you recommend?

To answer, drag the appropriate component to the correct requirement in the answer area.

a. Each component may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Components	Answer Area
the Access Edge service	Peer-to-peer calls between themselves and users on the internal network
the A/V Edge service	Component
a reverse proxy	Component
the Web Conferencing Edge service	Chat sessions from mobile devices
an XMPP Gateway	Component

Answer:

Box 1: the Access Edge service

Box 2: the A/V Edge Service

Box 3: a reverse proxy

Note:

* The Edge Servers send and receive network traffic for the services offered by internal deployment by external users.

The Edge Server runs the following services:

/Access Edge service The Access Edge service provides a single, trusted connection point for both outbound and inbound Session Initiation Protocol (SIP) traffic.

/Web Conferencing Edge service The Web Conferencing Edge service enables external users to join meetings that are hosted on your internal Lync Server 2013 deployment.

/A/V Edge service The A/V Edge service makes audio, video, application sharing, and file transfer available to external users. Your users can add audio and video to meetings that include external participants, and they can communicate using audio and/or video directly with an external user in point-to-point sessions. The A/V Edge service also provides support for desktop sharing and file transfer.

Authorized external users can access the Edge Servers in order to connect to your internal Lync Server 2013 deployment, but the Edge Servers do not provide a means for any other access to the internal network.

* the A/V Edge servers are able to accept connections for peer-to-peer calls and conference calls.

* The Reverse Proxy server is an optional, external component that is not a Lync Server role and is not defined in the Lync Topology. The reason this component is considered optional is because without it deployed an external Lync client can still connect to Lync and most features will function (IM, Presence, Calls, Desktop Sharing, etc) as will federated communications.

The reverse proxy is required for the following:

To allow users to connect to meetings or dial-in conferences using simple URLs

To enable external users to download meeting content

- To enable external users to expand distribution groups
- To allow the user to obtain a user-based certificate for client certificate based authentication
- To enable remote users to download files from the Address Book Server or to submit queries to the Address Book Web Query service
- To enable remote users to obtain updates to client and device software
- To enable mobile devices to automatically discover Front End Servers offering mobility services
- To enable push notifications to mobile devices from the Office 365 or Apple push notification services

Question: 17

You support Skype for Business Server 2015 servers for a customer's company network. The network includes an Active Directory Domain Services (AD DS) domain and an Exchange 2010 organization.

The company deploys a pilot Microsoft Exchange 2013 installation at one of its branches and moves the branch users' mailboxes to Exchange 2013. Skype for Business users from the branch were configured to use the Unified Contact Store.

Due to budget limitations, the company decides to move the users' mailboxes back to Exchange 2010.

Before you move the mailboxes, you need to change the properties for the users.

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

- A. Run theTest-CsUnifiedContactStoreSkype for Business Management Shell cmdlet once.
- B. Run theMove-CsUserSkype for Business Management Shell cmdlet for every user account.
- C. Run theSet-CsUserServicesPolicySkype for Business Management Shell cmdlet once.
- D. Run theInvoke-CsUcsRollbackSkype for Business Management Shell cmdlet for every migrated user account.

Answer: C,D

Explanation:

References:

<https://technet.microsoft.com/en-gb/library/jj688083.aspx>

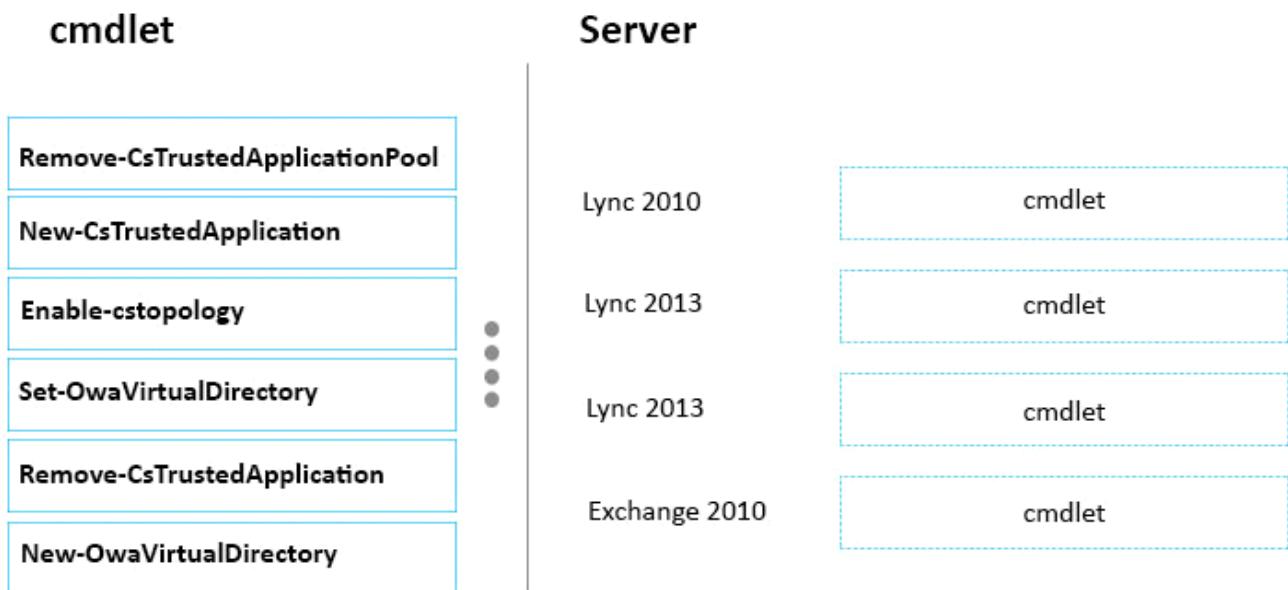
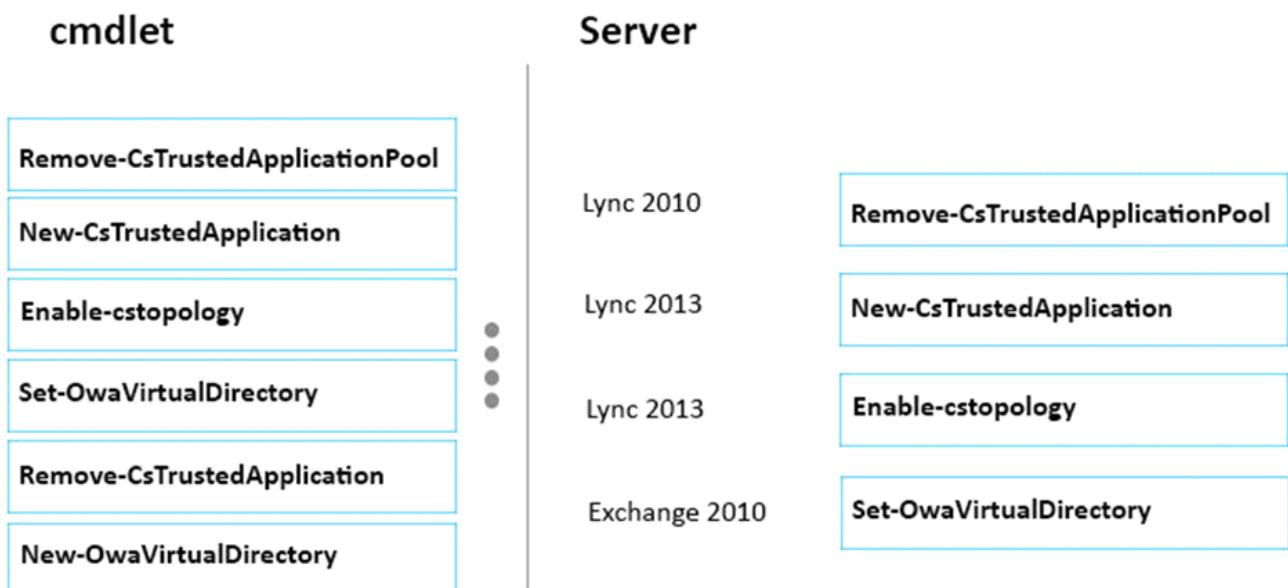
Question: 18

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 has recently implemented Skype for Business Server 2015 and has migrated all users to the new environment. The customer reports that presence is no longer available in OWA.

You need to restore presence in OWA.

Which Skype for Business Management Shell cmdlet should you run? 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.

**Answer:****Question: 19****DRAG DROP**

You have a Skype for Business Server 2015 infrastructure. You must troubleshoot issues related to the following:

- Routing calls between internal users
- Routing outbound calls handled by Skype for Business Server 2015

Which tools should you recommend? To answer, drag the appropriate tool to the correct location in the answer area.

Which tools should you recommend? To answer, drag the appropriate tool to the correct location in the answer area.

- a. Each tool may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Tools

CLS Logger
Enterprise Voice Route Helper
Snooper

Answer Area

Routing calls between internal users
Rooting outbound calls handled by Skype for Business Server 2015

Tool

Tool

Answer:

Tools

CLS Logger
Enterprise Voice Route Helper
Snooper

Answer Area

Routing calls between internal users
Rooting outbound calls handled by Skype for Business Server 2015

CLS Logger

CLS Logger

Question: 19

You have a Skype for Business Server 2015 environment with Enterprise Voice.

You must implement call quality monitoring. The solution must save call quality data for 180 days. Which Skype for Business Management Shell cmdlet should you run?

Wide World Importers has implemented Skype for Business Server 2015. They have their headquarters in New York and a sales office in Los Angeles.

- All executive staff are based out of the New York office. Each member uses multiple mobile devices as well as a laptop computer.
- All sales staff are based out of the Los Angeles office.
- All users use Exchange Online for email.

Users in Los Angeles often report that it can take a while before they can search for the new staff within their Skype for Business clients. Executives must be able to see previous instant messaging conversations across all of their devices.

You need to configure a separate client policy for each location that will enable the functionality required by the local users.

In the table below, identify the client policy parameter that will be used to configure the client policy in each location.

NOTE: Make only one selection in each column. Each correct answer is worth one point.

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input type="radio"/>	<input type="radio"/>
MAPIPollInterval	<input type="radio"/>	<input type="radio"/>
EnableMAutoArchiving	<input type="radio"/>	<input type="radio"/>
EnableServerConversationHistory	<input type="radio"/>	<input type="radio"/>
WebServicePollInterval	<input type="radio"/>	<input type="radio"/>

Answer:

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input type="radio"/>	<input type="radio"/>
MAPIPollInterval	<input type="radio"/>	<input type="radio"/>
EnableMAutoArchiving	<input type="radio"/>	<input checked="" type="radio"/>
EnableServerConversationHistory	<input type="radio"/>	<input type="radio"/>
WebServicePollInterval	<input checked="" type="radio"/>	<input type="radio"/>

Question: 20**HOTSPOT**

Wide World Importers has implemented Skype for Business Server 2015. They have their headquarters in New York and a sales office in Los Angeles.

- All executive staff are based out of the New York office. Each member uses multiple mobile devices as well as a laptop computer.
- All sales staff are based out of the Los Angeles office.
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In the table below, identify the client policy parameter that will be used to configure the client policy in each location.

NOTE: Make only one selection in each column. Each correct answer is worth one point.

Answer Area

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input type="radio"/>	<input type="radio"/>
WebServicePollInterval	<input type="radio"/>	<input type="radio"/>
EnableIMAutoArchiving	<input type="radio"/>	<input type="radio"/>
EnableServerConversationHistory	<input type="radio"/>	<input type="radio"/>
CalendarStatePublicationInterval	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Client Policy Parameter	Los Angeles	New York
AddressBookAvailability	<input type="radio"/>	<input type="radio"/>
WebServicePollInterval	<input checked="" type="radio"/>	<input type="radio"/>
EnableIMAutoArchiving	<input type="radio"/>	<input type="radio"/>
EnableServerConversationHistory	<input type="radio"/>	<input checked="" type="radio"/>
CalendarStatePublicationInterval	<input type="radio"/>	<input type="radio"/>

Question: 43

DRAG DROP

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

Server name	Role
Lync1.contoso.com	Front End Server
Lync2.contoso.com	Mediation Server

You deploy a new server named lync3.contoso.com.

You plan to install the Edge Server role on Lync3.

You need to identify which tasks must be performed to install the Edge Server role on Lync3.

Which four actions should you identify?

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

Actions	Answer Area
On Lync3, install Lync Server 2013.	
From Lync1, modify the topology by using the Topology Builder.	
From Lync3, run the Import-CsConfiguration cmdlet.	
From Lync1, publish the topology by using the Topology Builder.	
From Lync1, run the Export-CsConfiguration cmdlet.	

Answer:

Box 1:

From Lync1, modify the topology by using the Topology Builder.

Box 2:

From Lync1, publish the topology by using the Topology Builder.

Box 3:

From Lync1, run the **Export-CsConfiguration** cmdlet.

Box 4:

On Lync3, install Lync Server 2013.

Note:

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

To install an Edge Server

Log on to the computer on which you want to install your Edge Server as a member of the local Administrators group or an account with equivalent user rights and permissions.

Ensure that the topology configuration file you created using Topology Builder, and then exported and copied to external media, is available on the Edge Server (for example, access to the USB drive onto which you copied the topology configuration file, or verify access to the network share where you copied the file).

Start the Deployment Wizard.

In the Deployment Wizard, click Install or Update Lync Server System.

After the wizard determines the deployment state, for Step 1. Install Local Configuration Store, click Run and then do the following:

- * In the Configure Local Replica of Central Management Store dialog box, click Import from a file (Recommended for Edge Servers), go to the location of the exported topology configuration file, select the .zip file, click Open, and then click Next.

- * The Deployment Wizard reads the configuration information from the configuration file and writes the XML

configuration file to the local computer.

* After the Executing Commands process is finished, click Finish.

Etc.

Note 2: To define the topology for a single Edge Server

Start Topology Builder: Click Start, click All Programs, click Microsoft Lync Server 2013, and then click Lync Server Topology Builder.

In the console tree, expand the site in which you want to deploy an Edge Server.

Right-click Edge pools, and then click New Edge Pool.

In Define the New Edge Pool, click Next.

In Define the Edge pool FQDN,

Note 3: Export-CsConfiguration

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

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

Question: 22

You support Skype for Business Server 2015 servers in your customer's company network. You enable federation with Skype for consumers.

Users of Skype for consumers are unable to participate in instant messaging (IM) conversations in your customer's organization. You need to ensure that the users of Skype for consumers clients are able to participate in IM conversations. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Create a SIP federated provider.
- B. Enable an archiving disclaimer to federated partners.
- C. Enable partner domain discovery.
- D. Create an external access policy.

Answer: D

Question: 23

You have a Skype for Business Server 2015 infrastructure that consists of two sites. The sites are located in New York and Rome. Each site is deployed and contains separate dial plans and voice policies.

You plan to deploy dial-in conferencing to both sites. In each site, you create a dedicated conferencing policy. You assign the respective users in each site. You create a dial-in conferencing access number.

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

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

What should you modify?

- A. the meeting configuration settings
- B. the dial plans
- C. the conferencing policies
- D. the voice policies

Answer: B

Question: 24

You support Skype for Business Server 2015 Enterprise servers in your customer's organization. You configure dial-in conferencing. Users are dispersed in several locations. All client computers run Windows 10. 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 Master Management Shell
PS C:\Users\administrator.CONTOSO> get-csdialplan
Identity : Global
Description :
DialInConferencingRegion :
NormalizationRules : <Description=>;Pattern=^<\d+>$;Translation=$1;Name=Keep All;IsInternalExtension=False>
CountryCode :
State :
City :
ExternalAccessPrefix :
SimpleName : 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 trunk route with a dial-in conferencing region.
- B. Create a user dial plan and associate the user dial plan with a dial-in conferencing access number.
- C. Associate a public switched telephone network (PSTN) usage record with a dial-in conferencing region
- D. Associate a dial-in conferencing access number with a dial-in conferencing region.

Answer: D

Question: 26

A company has a Skype for Business 2015 infrastructure with 65,000 users. There are two Front End pools, named Pool1 and Pool2 respectively. Pool pairing is enabled.

The Central Management Store is hosted on Pool1.

Pool1 suffers a catastrophic failure. You must permanently move users from Pool1 to Pool2.

You need to fail over Pool1.

Which Skype for Business Management Shell cmdlet or cmdlets should you run?

- A. Get-CsDatabaseMirrorState and Invoke-CSManagementServerFailover
- B. Set-CsConfigurationStoreLocation
- C. Invoke-CsPoolFailover
- D. Install-CsDatabase and Move-CsManagementServer

Answer: A

Question: 27

You deploy a Skype for Business Server 2015 infrastructure that contains four servers. The servers are configured as shown in the following table.

Server name	Role
Server1	Enterprise Edition Front End Server
Server2	Standard Edition Front End Server
Server3	Mediation Server
Server4	Office Web Apps Server

You need to deploy a Persistent Chat pool. The solution must use the least amount of servers. On which server should you install the Persistent Chat Server role?

- A. Server1
- B. Server2
- C. Server3
- D. Server4
- E. a new server

Answer: B

Question: 28

Trey Research has a Lync 2013 environment that consists of a single Enterprise Edition pool with five Front End Servers, and two SQL Servers in a mirroring relationship.

The company plans to upgrade to Skype for Business Server 2015. You install the Skype for Business Server 2015 Administrative tools on a management workstation. You install all server prerequisites. There can be downtime during the migration. You must minimize the risk of upgrade failure due to services restarting during the upgrade process.

You need to upgrade the Enterprise Edition pool.

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

- A. Run Setup.exe on each computer in the pool. Run theStart-CsPoolSkype for Business Management Shell cmdlet on one Front End server in the pool.
- B. Upgrade and publish the topology. Run theStop-CsWindowsServiceLync Management Shell cmdlet on all computers in the pool.
- C. Run Setup.exe on each computer in the pool. Run theStart-CsWindowsServiceSkype for Business Management Shell cmdlet on all Front servers in the pool.
- D. Upgrade and publish the topology. Run theDisable-CsComputer –ScorchLync Management Shell cmdlet on all computers in the pool.

Answer: A,D

Question: 13

A company plans to allow users to sign in to Skype for Business by using either Skype for Business 2015 or the Skype for Business mobile app on various mobile platforms (iOS, Android, and Windows Phone).

Skype for Business mobile users must be able to access conversation history and scheduled meetings.

You need to enable mobility access for Skype for Business 2015 for external networks.

On the Reverse Proxy server, which three services must you publish? Each correct answer presents part of the solution.

- A. Skype for Business External Web Services
- B. Skype for Business Internal Web Services
- C. Lyncdiscover
- D. Skype for Business Phone Access URL
- E. Skype for Business Meeting URL

Answer: A,C,D

Question: 34

DRAG DROP

You have a Skype for Business Server 2015 infrastructure that contains two servers. The servers are configured as shown in the following table.

Server name	Role
Server1.contoso.com	Front End Server
Server2.contoso.com	Mediation Server

You deploy a new server named Server3.contoso.com.

You need to install the Edge Server role on Server3.contoso.com.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- From Server1, modify the topology by using the Topology Builder.
- On Server3, install Skype for Business Server 2015.
- From Server3, run the **Import-CsConfiguration** Skype for Business Management Shell cmdlet.
- From Server1, publish the topology by using the Topology Builder.
- From Server1, run the **Export-CsConfiguration** Skype for Business Management Shell cmdlet.

Answer Area



Answer:

Actions

- From Server1, modify the topology by using the Topology Builder.
- On Server3, install Skype for Business Server 2015.
- From Server3, run the **Import-CsConfiguration** Skype for Business Management Shell cmdlet.
- From Server1, publish the topology by using the Topology Builder.
- From Server1, run the **Export-CsConfiguration** Skype for Business Management Shell cmdlet.

Answer Area

- From Server1, modify the topology by using the Topology Builder.
- From Server1, publish the topology by using the Topology Builder.
-  From Server1, run the **Export-CsConfiguration** Skype for Business Management Shell cmdlet.
-  On Server3, install Skype for Business Server 2015.
- From Server3, run the **Import-CsConfiguration** Skype for Business Management Shell cmdlet.



References:

<http://www.sherweb.com/blog/installing-lync-2013-edge-server/>

Question: 36

You support a customer whose Skype for Business Server 2015 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 phone number.

You discover that the SIP URI is configured incorrectly.

You need to change the SIP URI.

What should you do?

- A. Run the **Set-CsDialInConferencingAccessNumber** Skype for Business Management Shell cmdlet.
- B. Run the **Set-CsSipResponseCodeTranslationRule** Skype for Business Management Shell cmdlet.
- C. Run the **New-CsDialInConferencingDtmfConfiguration** Skype for Business Management Shell cmdlet.
- D. Delete the object and recreate the access number.

Answer: D

Question: 37

You have a Lync Server 2013 and Skype for Business Server 2015 infrastructure. You migrate all users to the Skype for Business Server 2015 Front End pool.

After the migration, users are unable to access the whiteboards, attachments, poll data, and the Microsoft PowerPoint presentations that were uploaded to meetings before the migration.

You need to ensure that users can access the PowerPoint presentations, whiteboards, attachments, and the poll data.

What should you do?

- A. Run the **Move-CsConferenceDirectory** Skype for Business Management cmdlet.
- B. Run the **Move-CsUser** Skype for Business Management cmdlet and specify a value for the **-ProxyPool** parameter.
- C. Run the **Move-CsUser** Skype for Business Management cmdlet and specify a value for the **-MoveConferenceData** parameter.
- D. Run the **Move-CsLegacyUser** Skype for Business Management shell cmdlet.

Answer: C

Question: 87

You have a Skype for Business Server 2015 infrastructure.

You plan to deploy an archiving solution.

Your company has a compliance policy that has the following requirements:

- Instant messaging (IM) conversations between external users and the members of a group named Traders must be archived.
- IM conversations between external users and the members of a group named HR must be archived.
- Only the internal IM conversations of all other users must be archived.

You need to configure archiving policies to meet the compliance policy requirements.

Which three actions should you perform? Each correct answer presents part of the solution.

- A. Create a user-level archiving policy that is configured to archive external IM traffic. Assign the policy to the Traders group.
- B. Configure the global archiving policy to archive internal IM conversations.
- C. Create a site-level archiving policy that is configured to archive internal and external IM conversations.
- D. Create a user-level archiving policy that is configured to archive internal and external IM traffic. Assign the policy to the HR group.

Answer: A,B,D

Explanation:

<https://technet.microsoft.com/en-us/library/dn951419.aspx>

Question: 88

You have two servers named Server1 and Server2 that have Skype for Business Server 2015 Standard Edition deployed. The servers are located in different buildings. Server1 hosts response groups.

You need to ensure that Server1 can host the response groups if Server1 fails.

Which Skype for Business Management Shell cmdlet should you run first?

- A. Backup-CsPool
- B. Move-CsRgsConfiguration
- C. Export-CsRgsConfiguration
- D. Export-CsConfiguration

Answer: C

Explanation:

<https://technet.microsoft.com/en-us/library/jj205011.aspx>

Question: 89

DRAG DROP

You support a Skype for Business Server 2015 environment that includes the following:

Current traffic between LAN networks and the perimeter network is blocked. You run the Get-CsManagementStoreReplicationStatus Skype for Business Management Shell 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.

Actions

From the Topology Builder, find the port that is configured on the Edge Server for internal replication.

Reissue the internal certificate on the Edge Server to include the fully qualified domain name (FQDN) of the back end server.

On the front end servers, run the **Invoke-CsManagementStoreReplication** Skype for Business Management Shell cmdlet.

Run the **Import-CsConfiguration** Skype for Business Management Shell cmdlet.

Create a firewall rule to open an internal replication port between the front end and Edge server.

From Topology Builder, publish Topology.

From the Topology Builder, enable SQL Server mirroring.

Run the **Export-CsConfiguration** Skype for Business Management Shell cmdlet.

Answer Area



Answer:

Actions

Run the **Import-CsConfiguration** Skype for Business Management Shell cmdlet.

Create a firewall rule to open an internal replication port between the front end and Edge server.

From Topology Builder, publish Topology.

From the Topology Builder, enable SQL Server mirroring.

Run the **Export-CsConfiguration** Skype for Business Management Shell cmdlet.

References:<http://www.uc-guru.com/author/thomeee/>

Question: 90

You deploy Skype for Business 2015 Enterprise Edition pool named pool1.contoso.local. You configure the administrative access URL to be admin.contoso.local. The Front End and Back roles are installed on servers named FE1 and BE1, respectively.

You create the following DNS records:

```
_Sipinternal._tcp.contoso.local SRV priority 0, weight 0, port 5061, pool1.contoso.local
Dialin A 192.168.10.10
FE1 A 192.168.10.10
BE1 A 192.168.10.11
```

You attempt to open the Skype for Business Server 2015 Control Panel and you receive an error message. You need to be able to open the control panel.

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

- Create the following DNS A record:Meet.contoso.local A 192.168.10.10
- Create the following DNS SRV record:_sipinternal._tcp.contoso.local SRV priority 0, weight 0, port 5061

Answer Area

From the Topology Builder, find the port that is configured on the Edge Server for internal replication.

Reissue the internal certificate on the Edge Server to include the fully qualified domain name (FQDN) of the back end server.

On the front end servers, run the **Invoke-CsManagementStoreReplication** Skype for Business Management Shell cmdlet.



- pool1.contoso.local
C. Create the following DNS A record:admin.contoso.local A 192.168.10.10
D. Create the following DNS A record:pool1.contoso.local A 192.168.10.10
E. Create the following DNS A record:lyncdiscoverinteral.contoso.local A 192.168.10.10

Answer: B,D

Explanation:
<https://technet.microsoft.com/en-us/library/dn951397.aspx>

Question: 91

You support a Skype for Business Server 2015 environment that includes:

- a single Standard Edition server
- a single Edge Server
- a single reverse proxy that is acting as an HTTP(s) reverse proxy

Remote users report that the company logo is not 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 part of the solution.

- A. Run the following Skype for Business Server 2015 Management Shell command:Get-CsWebServiceConfiguration | FL Identity,LogoURL
- B. Using the Skype for Business Server 2015 Logging Tool, debug traffic on the Skype for Business Server 2015 Edge Server.
- C. Using a test client inside the corporate network, run an HTTP tracing tool to debug the traffic.
- D. Run the following Skype for Business Server 2015 Management Shell command:Get-CsMeetingConfiguration | FL Identity,LogoURL
- E. Using a test client outside the corporate network, run an HTTP tracing tool to debug the traffic.

Answer: A,C

Question: 92

A company has offices in New York and Santiago. Each office has a Skype for Business Server 2015 Standard Edition server.

Every office has a dedicated help desk that maintains a web site and provides users with localized help and training resources.

You need to ensure that when the users sign in to Skype for Business, a link to the help desk in the respective office appears on the Help menu.

What should you use?

- A. location policies
- B. client policies
- C. user policies
- D. client version policies

Answer: B

Explanation:
<https://technet.microsoft.com/en-us/library/gg398300.aspx>

Question: 93

You support a customer whose Skype for Business Server 2015 Enterprise environment is configured with Enterprise Voice and Dial-in Conferencing. You 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.

- A. Restart the Conferencing Announcement application.
- B. Run the `Set-CsDialInConferencingConfiguration` Skype for Business Management Shell cmdlet.
- C. Run the `Test-CsDialInConferencing` Skype for Business Management Shell cmdlet.
- D. Restart the Conferencing Attendant application.

Answer: B,C

Explanation:

<https://technet.microsoft.com/en-us/library/mt422830.aspx>

<https://technet.microsoft.com/en-us/library/mt422821.aspx>

Question: 94

You have a Skype for Business Server 2015 infrastructure.

You deploy mobility features.

You need to ensure that mobile clients can establish IP video calls only when they connect to a wireless access point.

Which Skype for Business Management Shell cmdlet should you run?

- A. `Set-CsNetworkBandwidthPolicyProfile`
- B. `Set-CsLocationPolicy`
- C. `Set-CsMobilityPolicy`
- D. `Set-CsConferencingPolicy`
- E. `Set-CsClientPolicy`

Answer: C

Explanation:

<https://technet.microsoft.com/en-us/library/hh690021.aspx>

Question: 95

HOTSPOT

You are migrating from Lync Server 2013 to Skype for Business Server 2015. During the migration, users may be registered on either Lync or Skype for Business.

Clients that do not use WebSearch must be able to search for new address book entries.

You need to create the required incremental normalization rules.

In the table below, identify the actions that you must perform for each server version.

NOTE: Make only one selection in each column. Each correct answer is worth one point.

Answer Area

Option	Lync Server 2013	Skype for Business Server 2015
Manually edit the Company_Phone_Number_Normalization_Rules.txt file. Then, run the Import-CsCompanyPhoneNormalizationRules Skype for Business Management Shell cmdlet for each change.	<input type="radio"/>	<input type="radio"/>
Run the Import-CsCompanyPhoneNormalizationRules Skype for Business Management Shell cmdlet for every change.	<input type="radio"/>	<input type="radio"/>
Run the New-CsAddressBookNormalizationConfiguration Skype for Business Management Shell cmdlet for every change.	<input type="radio"/>	<input type="radio"/>
Manually edit Company_Phone_Number_Normalization_Rules.txt file.	<input type="radio"/>	<input type="radio"/>
Run the Set-CsAddressBookNormalizationConfiguration Skype for Business Management Shell cmdlet for every change.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Option	Lync Server 2013	Skype for Business Server 2015
Manually edit the Company_Phone_Number_Normalization_Rules.txt file. Then, run the Import-CsCompanyPhoneNormalizationRules Skype for Business Management Shell cmdlet for each change.	<input checked="" type="radio"/>	<input type="radio"/>
Run the Import-CsCompanyPhoneNormalizationRules Skype for Business Management Shell cmdlet for every change.	<input checked="" type="radio"/>	<input type="radio"/>
Run the New-CsAddressBookNormalizationConfiguration Skype for Business Management Shell cmdlet for every change.	<input type="radio"/>	<input checked="" type="radio"/>
Manually edit Company_Phone_Number_Normalization_Rules.txt file.	<input checked="" type="radio"/>	<input type="radio"/>
Run the Set-CsAddressBookNormalizationConfiguration Skype for Business Management Shell cmdlet for every change.	<input type="radio"/>	<input checked="" type="radio"/>

References:

<https://blogs.msdn.microsoft.com/mvpawardprogram/2015/12/22/upgrading-from-lync-2013-to-skype-for-business-server-2015-what-you-need-to-know/>

<https://uccorey.com/2015/05/05/skype-for-business-server-2015-in-place-upgrade/>

Question: 96

HOTSPOT

Your network contains an internal network and a perimeter network.

You have a Skype for Business Server 2015 infrastructure. The infrastructure contains four servers. The servers are configured as shown in the following table.

Server name	Role	Network
Server1	Front End Server	Internal
Server2	Front End Server	Internal
Server3	Edge Server	Perimeter
Server4	Edge Server	Perimeter

You plan to implement end-to-end logging by using the Centralized Logging Service.

You need to configure the firewall rule required for the Centralized Logging Service.

How should you configure the firewall rule? To answer, configure the appropriate options in the answer area.

Answer Area

Protocol:

TCP
UDP

Port:

443
3478
5061
5350 to 5389
50001 to 50003

Direction:

Inbound to the internal network
Outbound to the perimeter network

Answer:

Answer Area

Protocol:

TCP
UDP

Port:

443
3478
5061
5350 to 5389
50001 to 50003

Direction:

Inbound to the internal network
Outbound to the perimeter network

Protocol:TCP

Port:50001 to 50003

Direction:Outbound to the perimeter network.

References:<https://technet.microsoft.com/en-us/library/jj688145.aspx>

Question: 97

You have a Skype for Business Server 2015 environment that contains four servers. The servers are configured as shown in the following table.

Server name	Role
Server1.contoso.com	Standard Edition Front End
Server2.contoso.com	Standard Edition Front End
Server3.contoso.com	Edge Server
Sq1.contoso.com	Database Reporting services

You run the Get-CsManagementStoreReplicationStatus Skype for Business Management Shell cmdlet and discover the following replication issue:

```
UpToDate : True
ReplicaFqdn : Server1
LastStatusReport : 9/12/2015 12:09:09 PM
LastUpdateCreation : 9/12/2015 12:09:03 PM
ProductVersion :

UpToDate : True
ReplicaFqdn : Server2
LastStatusReport : 9/12/2015 12:09:09 PM
LastUpdateCreation : 9/12/2015 12:09:03 PM
ProductVersion :

UpToDate : False
ReplicaFqdn : Server3
LastStatusReport :
LastUpdateCreation : 9/9/2015 12:09:03 PM
ProductVersion :
```

From Telnet, you verify that you can connect to Server3 over TCP ports 443, 5061, and 5062. You republish the topology successfully and restart Server3.

You need to identify what is causing the replication issue.

What should you investigate?

- A. a certificate issue
- B. a routing issue
- C. a firewall issue
- D. a failed service

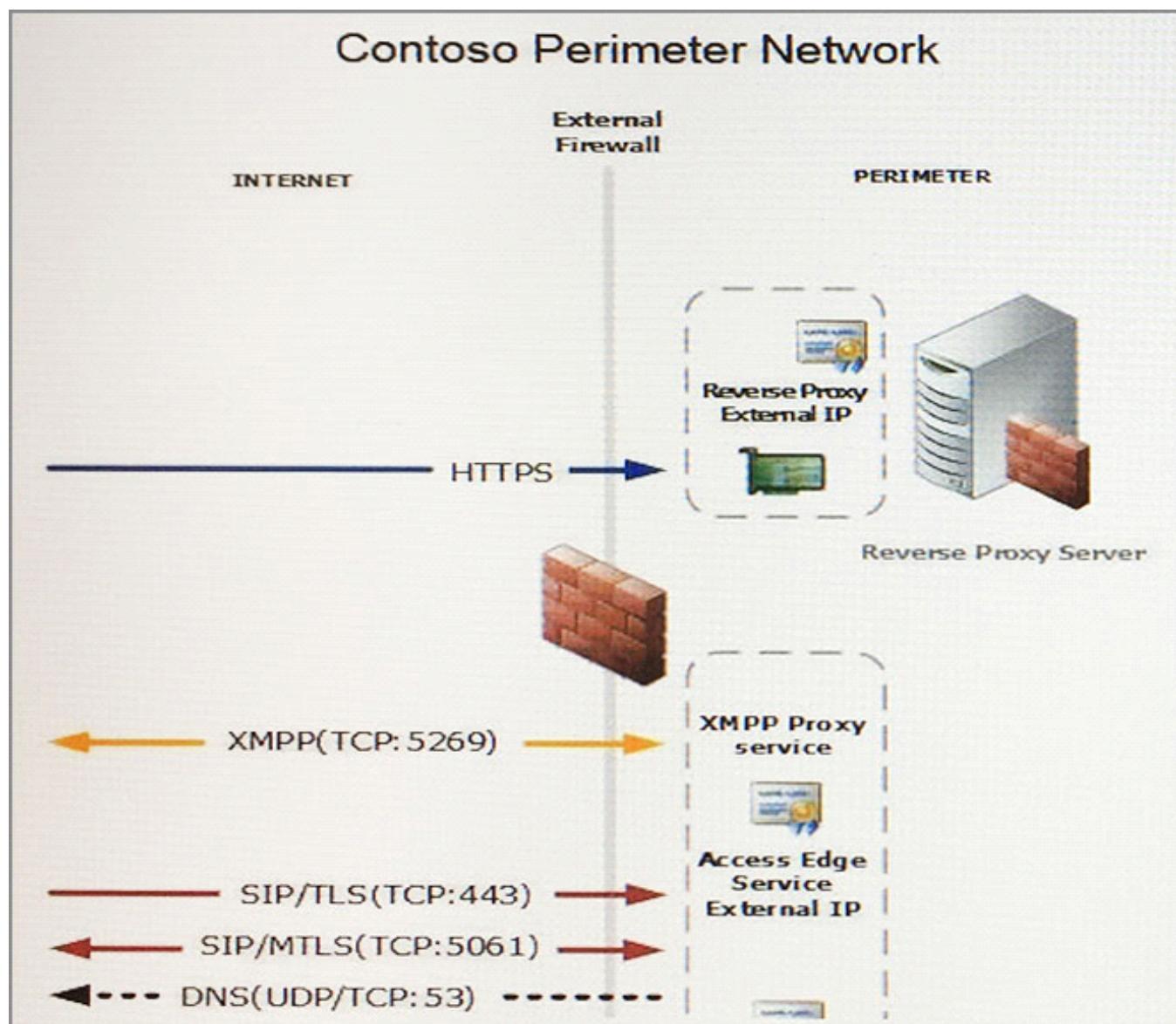
Answer: A

Explanation:

<http://www.uc-guru.com/author/thomeee/>

Question: 99

Contoso, Ltd. has a Skype for Business Server 2015 environment that uses open federation. The perimeter network topology is shown in the exhibit. Click the Exhibit button.



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

Skype for Business Edge

Subject Name:

sip.contoso.com

Subject Alternative Names:

sip.contoso.com

webconf.contoso.com

av.contoso.com

Reverse Proxy

Subject Name:

lyncweb.contoso.com

Subject Alternative Names:

lyncweb.contoso.com

meet.contoso.com

dialin.contoso.com

Audio calls to federated partners that also use Skype for Business Server 2015 are not working.

You need to correct the issue of the failed audio calls.

What should you do?

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

Answer: E

Explanation:

[https://technet.microsoft.com/en-us/library/jj945616\(v=ocs.15\).aspx](https://technet.microsoft.com/en-us/library/jj945616(v=ocs.15).aspx)

Question: 100

HOTSPOT

You plan to deploy a Skype for Business Server 2015 infrastructure that will include the following features:

The network administrator requests that new technologies use IPv6 whenever possible.

In the table below, identify which features support IPv6 and which features only support IPv4. Make only one

selection in each row.

Answer Area

Actions	Supports IPv6	Only supports IPv4
E911	<input type="radio"/>	<input type="radio"/>
Persistent Chat	<input type="radio"/>	<input type="radio"/>
Monitoring Reports	<input type="radio"/>	<input type="radio"/>
Call Admission Control (CAC)	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Actions	Supports IPv6	Only supports IPv4
E911	<input type="radio"/>	<input checked="" type="radio"/>
Persistent Chat	<input checked="" type="radio"/>	<input type="radio"/>
Monitoring Reports	<input checked="" type="radio"/>	<input type="radio"/>
Call Admission Control (CAC)	<input type="radio"/>	<input checked="" type="radio"/>

E911Only supports IPv4

Persistent ChatSupports IPv6

Monitoring ReportsSupports IPv6

Call Admission Control (CAC)Only supports IPv4

References:<https://technet.microsoft.com/en-us/library/jj204624.aspx>

Question: 101

HOTSPOT

You have a Skype for Business Server 2015 infrastructure.

You plan to deploy Persistent Chat features to meet the following requirements:

You need to determine the minimum number of Front End Server and Microsoft SQL Server Back End Servers that are required for the planned deployment.

How many servers should you deploy? To answer, select the appropriate number of each type of server in the answer area.

Answer Area

Persistent Chat Front End Servers

4
5
6
7
8

SQL Server Back End Servers

1
2
3
4

Answer:

Answer Area

Persistent Chat Front End Servers

4
5
6
7
8

SQL Server Back End Servers

1
2
3
4

References:

<https://technet.microsoft.com/en-us/library/gg398495.aspx>
<https://technet.microsoft.com/en-us/library/dn951379.aspx>

Question: 102

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

You have a Skype for Business Server 2015 infrastructure. The main office has a pool named Pool1 that contains three

Enterprise Edition Front End servers. The branch office only contains an Active Directory domain controller and a file server.

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

The solution must minimize deployment and maintenance costs.

What should you recommend?

- A. In the branch office, deploy an SBA named SBA1. Configure SBA1 to use Pool1 as a backup registrar. Configure two trunks in Pool1. Configure one trunk in SBA1.
- B. In the main office, deploy a second Enterprise Edition pool named Pool2. In the branch office, deploy an SBA named SBA1. Configure SBA1 to use Pool2 as a backup registrar. Configure two trunks in Pool1. Configure two trunks in SBA1.
- C. In the branch office, deploy a second Enterprise Edition pool named Pool2. Configure Pool1 to use Pool2 as a backup pool. Configure one trunk in Pool1. Configure one trunk in Pool2.
- D. In the branch office, deploy a second Enterprise Edition pool named Pool2. Configure Pool1 to use Pool2 as a backup pool. Configure two trunks in Pool1. Configure two trunks in Pool2.

Answer: A

Explanation:

<https://technet.microsoft.com/en-us/library/dn951413.aspx>

Question: 103

Your company has a main office and a branch office. The main office is located in Amsterdam. The branch office is located in New York. Each office has a data center.

The offices connect to each other by using a high-bandwidth, low-latency wide area network (WAN) link.

You have a Skype for Business Server 2015 infrastructure that contains 5,000 users.

You plan to deploy a persistent chat infrastructure.

You need to ensure that persistent chat rooms remain available if a Persistent Chat Server fails.

What should you do?

- A. Create two Persistent Chat Server pools that each contains one active chat server.
- B. Create one Persistent Chat Server pool that contains two active chat servers.
- C. Create one Persistent Chat Server pool that contains one active chat server and one standby chat server.
- D. Create two Persistent Chat Server pools that each contains one active chat server and one standby chat server.

Answer: A
