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Wonderful Certification Exam Guide and Exam Dumps- PassLeaderVCE

Exam : **74-335**

Title : Network Readiness and
Assessment for Lync

Vendor : Microsoft

Version : DEMO

NO.1 You need to configure the monitoring computers to support the deployment of watcher nodes to meet the technical requirements. What should you do?

- A. Deploy the Lync 2013 watcher nodes on the same computers as the Lync 2010 watcher nodes.
- B. Deploy Lync 2013 watcher nodes and remove the Lync 2010 watcher nodes.
- C. Run the Install-CsWatcherCollocate cmdlet on each computer that is running the Lync 2010 watcher nodes.
- D. Run the Install-CsLegacyWatcherNode cmdlet on each computer that is running the Lync 2010 watcher nodes.

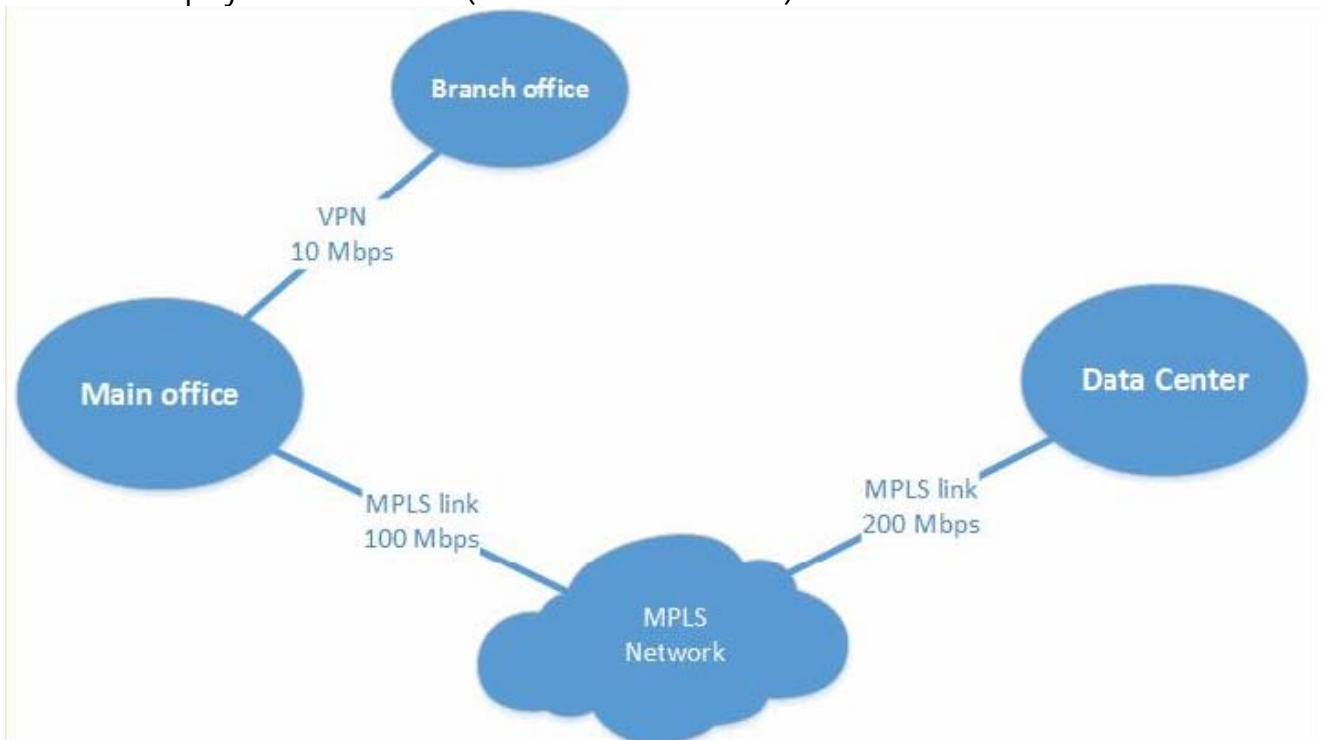
Answer: B

Explanation:

A legacy Microsoft Lync Server 2010 watcher node cannot be collocated on the same machine with a Lync Server 2013 watcher node. This is because the core system files for Lync Server 2010 and Lync Server 2013 cannot be installed on the same computer. However, Lync Server 2013 watcher nodes can simultaneously monitor both Lync Server 2013 and Lync Server 2010. The Default synthetic transactions are supported on both product versions.

NO.2 DRAG DROP

You analyze the results of Lync traffic modeling for a customer's network. Information about the network is displayed in the exhibit. (Click the Exhibit button.)



The model is based on all Lync modalities usage and assumes that all Lync servers are consolidated in the datacenter.

Your customer wants to dedicate no more than 30 percent of its Multiprotocol Label Switching (MPLS) links to Lync traffic. The branch office link must accommodate at least 50 simultaneous phone calls.

You need to recommend network changes to meet the customer's requirements.

Which change should you recommend for each link? (To answer, drag the appropriate change or

changes to the correct link or links in the answer area. Each change 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.)

Change	Link
Implement Quality of Service (QoS).	branch office VPN link
Implement Call Admission Control (CAC).	branch office VPN link
Replace the link with an MPLS link.	branch office VPN link
Replace the link with a virtual private network (VPN) link.	main office MPLS link
	main office MPLS link
	data center MPLS link
	data center MPLS link

Answer:

Change	Link
Implement Quality of Service (QoS).	branch office VPN link
Implement Call Admission Control (CAC).	branch office VPN link
Replace the link with an MPLS link.	branch office VPN link
Replace the link with a virtual private network (VPN) link.	main office MPLS link
	main office MPLS link
	data center MPLS link
	data center MPLS link

NO.3 DRAG DROP

You prepare a response to a client's request for proposal (RFP) for a Lync network readiness assessment.

The client's network includes a main office that houses 500 employees and 30 branch offices that house 20 to 100 employees each. All sites are connected by a Multiprotocol Label Switching (MPLS) network. The client plans to use Lync video and upload and share Microsoft PowerPoint presentations.

The client wants to perform a Lync network assessment.

You need to include the required tasks in the RFP response, in the correct order.

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

Calculate bandwidth for content sharing.	
Select sites for Lync traffic simulation.	
Identify asymmetric links.	
Document findings and recommendations.	
Estimate bandwidth required for Remote Desktop Protocol (RDP).	
Identify call flows.	

Answer:

Calculate bandwidth for content sharing.	Calculate bandwidth for content sharing.
Select sites for Lync traffic simulation.	Estimate bandwidth required for Remote Desktop Protocol (RDP).
Identify asymmetric links.	Select sites for Lync traffic simulation.
Document findings and recommendations.	Document findings and recommendations.
Estimate bandwidth required for Remote Desktop Protocol (RDP).	
Identify call flows.	

NO.4 Your customer's network includes three offices and two data centers that are connected by wide area network (WAN) links. Your customer has documented and modeled Lync usage within the current environment.

You review the customer's model and confirm that it is accurate.

You need to recommend the next step in the Lync network readiness assessment.

What should you recommend as the next step?

- A. Implement Quality of Service (QoS).
- B. Perform traffic simulation.

- C. Calculate audio capacity for a public switched telephone network (PSTN).
- D. Calculate bandwidth estimations over the WAN links.

Answer: B

Explanation:

Networking Guide Network Planning, Monitoring, and Troubleshooting with Lync Server

NO.5 You need to recommend a solution to test instant messaging (IM) communications with the federated company. Which synthetic transaction should you configure?

- A. Test-CsMcxPushNotification
- B. Test-CsMCXP2PIM
- C. Test-CsASConference
- D. Test-CsXmppIM

Answer: D

Explanation:

Note:

Humongous Insurance is federated with Trey Research Corporation, which uses a third-party IM. Users at both companies need to communicate with each other by using their respective IM client. A third party IM provider will use XMPP.

NO.6 You need to configure the Lync 2013 Bandwidth Calculator to provide a visual alert when the volume of Lync traffic at Contoso exceeds the maximum allowed threshold.

What should you do?

- A. For the Contoso office in Vancouver, update the value for WAN link BW allocated for RTC traffic to 5 Mbps.
- B. In the global definitions, update the value of the Flag in Red parameter to 50%.
- C. For the Contoso office in Seattle, update the value for WAN link BW allocated for RTC traffic to 5 Mbps.
- D. In the global definitions, update the value of the Flag in Red parameter to 25%.

Answer: D

Explanation:

/ Volume of Lync traffic does not exceed 25 percent of the WAN bandwidth You need to adjust modalities to define the custom usage model for Litware Inc by using the Lync Bandwidth Calculator.

NO.7 You need to deploy and enable Quality of Service (QoS) on all workstations to meet the planned changes and performance goals. Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

- A. Apply Service Pack 3 to all Windows XP workstations and Service Pack 2 to all Windows Vista workstations.
- B. Create Group Policy objects (GPOs) for Lync audio and video and configure them to use the same port ranges and Differentiated Services Code Point (DSCP) values for QoS.
- C. Create Group Policy objects (GPOs) for Lync audio and video and configure them to use different port ranges and Differentiated Services Code Point (DSCP) values for QoS.
- D. Configure the Group Policy object (GPO) configuring QoS and set it to Enforced.

E. Upgrade all Windows XP and Windows Vista workstations to Windows 7 or above.

Answer: C,D,E

Explanation:

Note that Microsoft Lync Server 2013 does not support QoS for other Windows operating systems, such as Windows Vista or Windows XP.

The port ranges and DSCPs must be different for audio and video. To create a Quality of Service audio policy for Windows 7 or Windows 8 computers, first log on to a computer where Group Policy Management has been installed. Open Group Policy Management (click Start, point to Administrative Tools, and then click Group Policy Management) and then complete the following procedure:

- In Group Policy Management, locate the container where the new policy should be created. For example, if all your client computers are located in an OU named Clients then the new policy should be created in the Client OU.
- Right-click the appropriate container and then click Create a GPO in this domain, and Link it here. - In the New GPO dialog box, type a name for the new Group Policy object in the Name box (for example, Lync Audio) and then click OK.
- Right-click the newly-created policy and then click Edit. - In the Group Policy Management Editor, expand Computer Configuration, expand Policies, expand Windows Settings, right-click Policy-based QoS, and then click Create new policy.
- In the Policy-based QoS dialog box, on the opening page, type a name for the new policy (e.g., Lync Audio) in the Name box. Select Specify DSCP Value and set the value to 46. Leave Specify Outbound Throttle Rate unselected, and then click Next.
- On the next page, make sure that All applications is selected and then click Next. This setting instructs the network to look for all packets with a DSCP marking of 46, not just packets created by a specific application.

Etc.

NO.8 HOTSPOT

You analyze the results of Lync traffic modeling for a customer's network. The relevant portion of the network topology diagram is shown in the answer area.

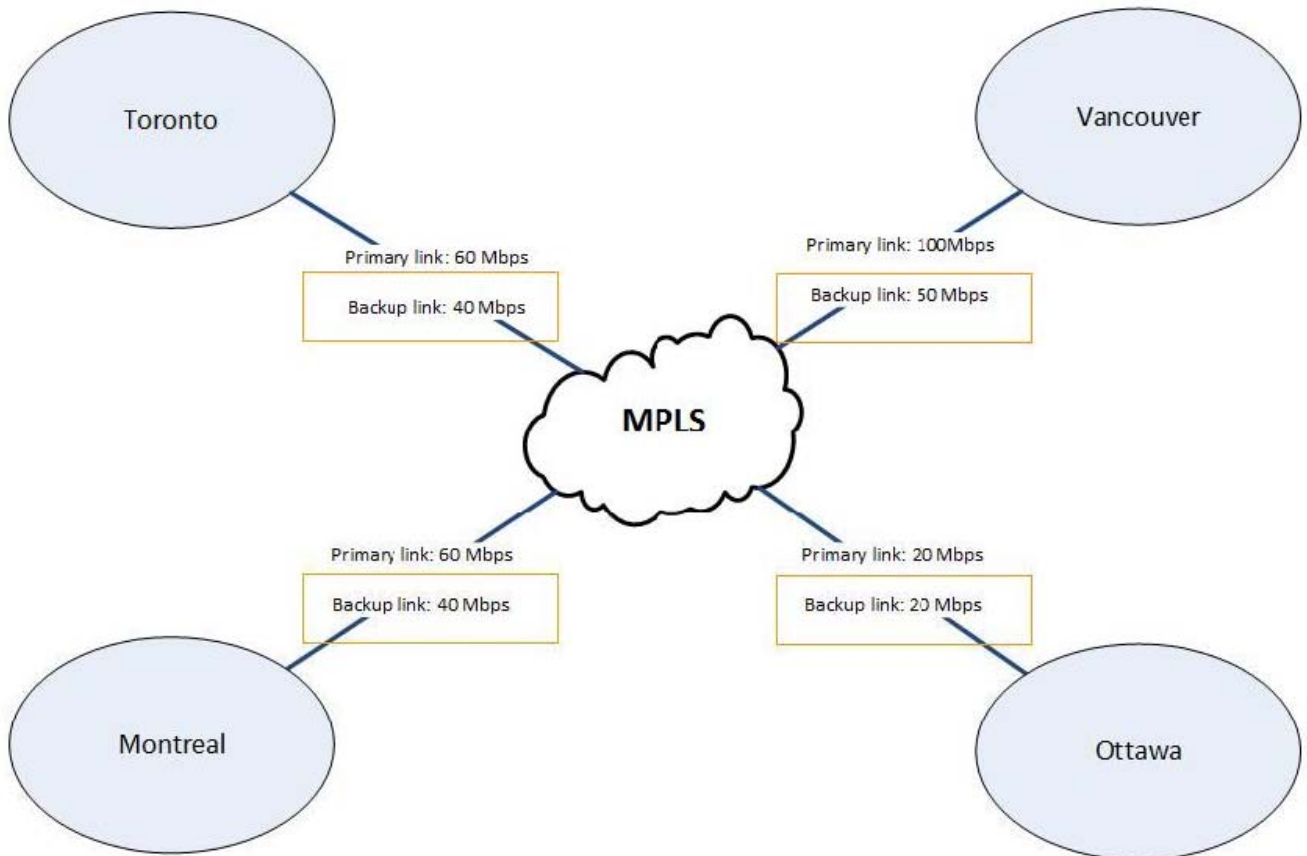
The estimated links workload is shown in the following table:

MPLS link	Available bandwidth for P2P traffic (Mbps)	Lync traffic estimation (Mbps)
Montreal	10	10
Ottawa	4	2
Vancouver	20	12
Toronto	20	15

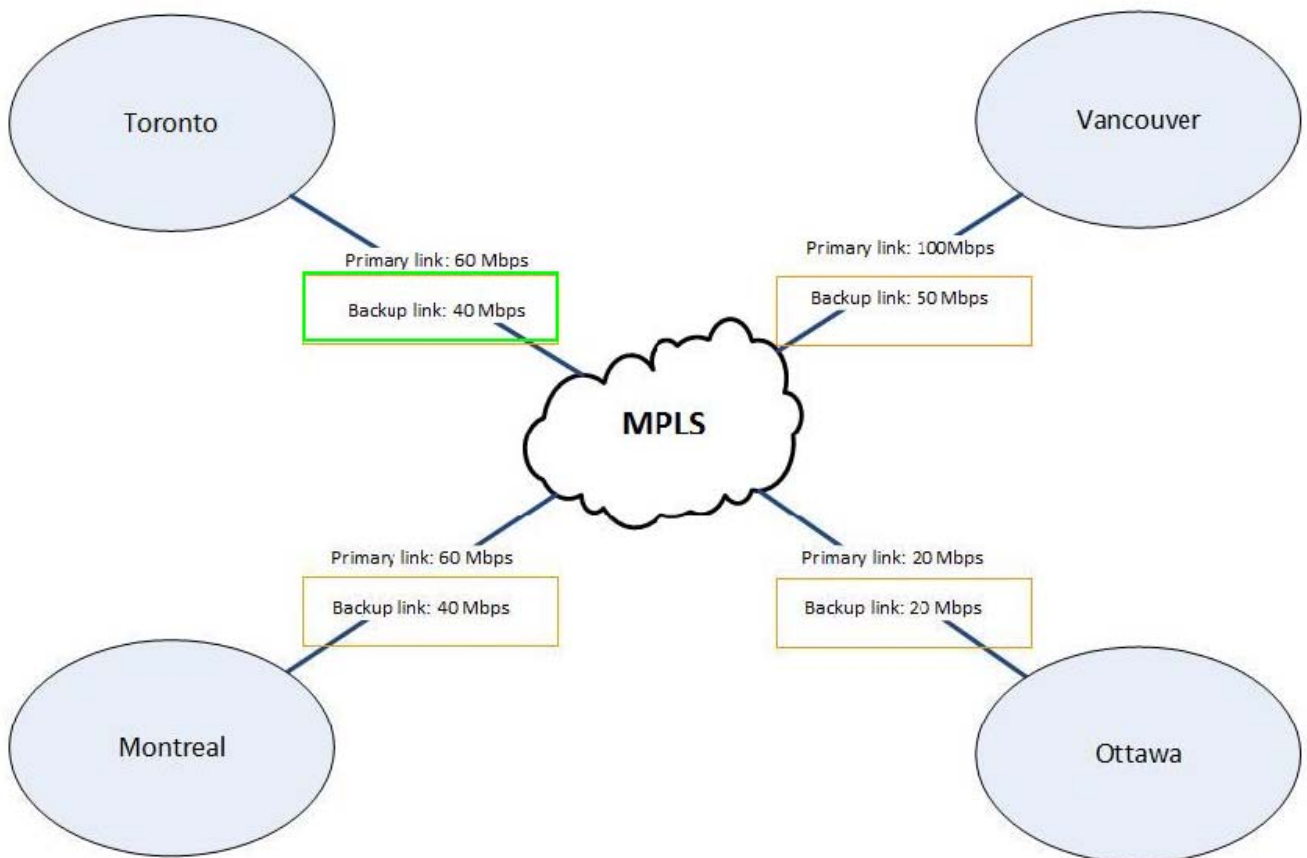
The customer wants to build a highly available Lync infrastructure.

You need to determine which link must be updated to support the customer's requirements.

Which link should you update? (To answer, select the appropriate link in the network topology diagram.)



Answer:



NO.9 Your company corporate telephony environment is a combination of Lync 2013 and traditional

Private Branch Exchange (PBX). The sites are connected by a Multiprotocol Label Switching (MPLS) topology. There are 750 users who are using Lync 2013 and 2,500 users who are using the PBX environment. On average, the company has 10 percent of its users in conferences. The company plans to add additional bandwidth for all sites.

The company is concerned about the number of dropped calls on the PBXs.

As part of a bandwidth upgrade process, you model real-time transport protocol (RTP) media call flows for audio communications. You have determined the average number of calls and estimated the bandwidth required for the audio portion of the calls.

You need to identify the additional bandwidth requirements when modeling real-time transport control protocol (RTCP) traffic.

Which bandwidth option should you choose?

- A. 5 kilobits per second (kbps) per stream
- B. 20 kilobits per second (kbps) per stream
- C. 5 kilobits per second (kbps) total
- D. 20 kilobits per second (kbps) total

Answer: A

Explanation:

RTCP Bandwidth Media RTCP maximum bandwidth (Kbps)

Audio 5

Video 10

An Introduction to Network Assessment Concepts: Microsoft Unified Communications

NO.10 You need to determine the minimum Asymmetric Digital Subscriber Line (ADSL) network service requirements for the branch locations.

Which bandwidth should you choose?

- A. 1 Mbps/512 Kbps
- B. 5 Mbps/1 Mbps
- C. 5 Mbps/1.5 Mbps
- D. 10 Mbps/3 Mbps

Answer: C

Explanation:

/ Branches should be able to support up to 24 simultaneous peer-to-peer (P2P) calls between sites / Fabrikam uses RTAudio Wideband (57Kbps)

$24 \times 57 = 1368$. For redundancy, the backup line must be at least 1368kbps, ie: 1.5Mbps.

NO.11 Your company corporate telephony environment is a combination of Lync 2013 and traditional Private Branch Exchange (PBX). The company has 3,500 users at three sites that use a Multiprotocol Label Switching (MPLS) topology. On average, the company has 3 percent of its users dialing in for conferences and 7 percent on a public switched telephone network (PSTN) call at any time.

The company plans to remove the PBXs and have all users use only Lync 2013. The company also plans to migrate from an existing content sharing platform.

You need to generate a persona by using IP-based unified communication (UC) scenarios.

Which three pieces of information should you collect when you are defining a persona for the existing communications? (Each correct answer presents part of the solution. Choose three.)

- A. conference sessions
- B. voice codec used
- C. PSTN-to-PSTN sessions
- D. peer-to-peer (P2P) sessions
- E. content sharing

Answer: A,D,E

Explanation:

User Guide Microsoft Lync Server 2010 and 2013 Bandwidth Calculator

NO.12 You need to determine whether the poor quality of Lync calls is related to inadequate network bandwidth. What should you do?

- A. Enable Jumbo Frames on all network switches.
- B. Calculate the current volume of Lync traffic in Litware, and then confirm that volume of Lync traffic does not exceed 50 percent of wide area network (WAN) bandwidth.
- C. Calculate the current volume of Lync traffic in Contoso, and then confirm that the volume of Lync traffic does not exceed 25 percent of wide area network (WAN) bandwidth.
- D. Disable Quality of Service (QoS) support on all network switches.

Answer: C