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EMC Storage and Information Infrastructure
Expert Exam for Technology Architects

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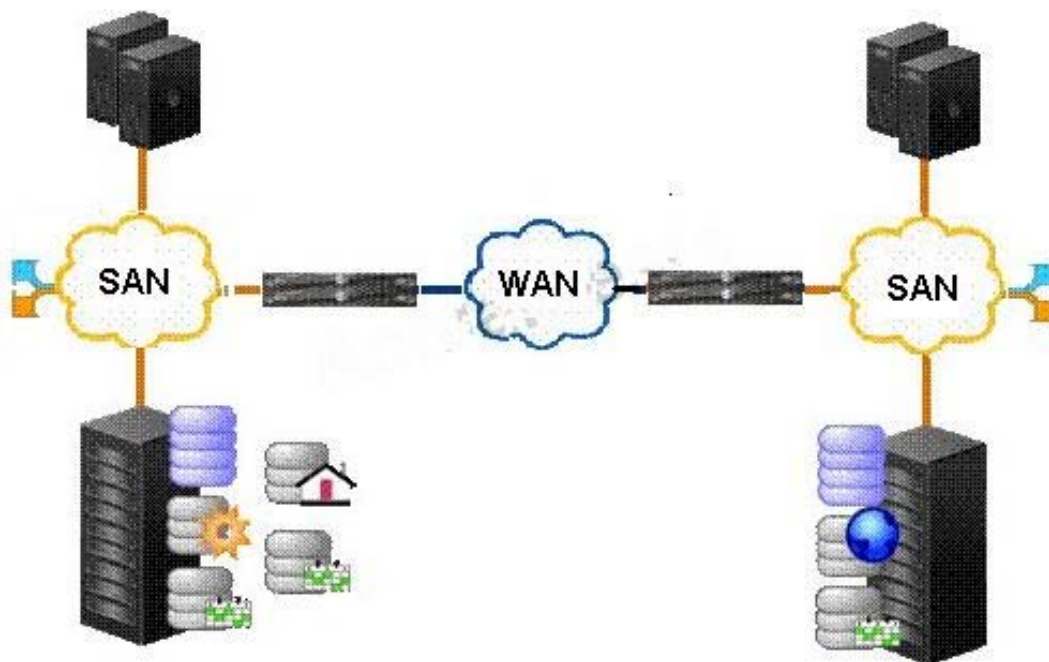
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Topic 1, Scenario 27

Refer to the Exhibit.



A financial institution is implementing a disaster recovery (DR) solution for their key Oracle databases and other critical data. RecoverPoint has been chosen as the replication technology to use for the DR solution. For maximum protection, the replication uses CLR for all Oracle systems; CRR is used for all other data.

The production site uses Sun servers for the Oracle servers and Microsoft Windows Server 2008 hosts for all other data repositories. Storage arrays for the Oracle servers are Symmetrix arrays. All other data and business departments store their data on CLARiiON CX4 arrays.

Recently, the human resources and finance departments were migrated to the DMX to enhance security and performance requirements.

This company also plans to bring in a new acquisition with AIX and VMware servers in the next six months. The AIX servers will be placed on DMX storage and the VMware servers will be placed on CLARiiON storage. Both are slated for CDP protection.

The DR site is located 2,500 km away from the production site. A dedicated T3 WAN link runs at 44 Mb/s. Management and replication traffic will use separate VLANs. Each site contains eight RecoverPoint appliances (RPAs) to maximize the performance and fault-tolerance business requirements. SANTap is used for all Oracle splitting, and CX splitters are used for all other data.

To support the actual replication needs, 12 group sets were created to support the consistency within the Oracle consistency groups. The policies on these sets include an RPO of 15 minutes.

The remainder of the data uses 54 consistency groups with an RPO of two hours.

QUESTION NO: 1

What should be done to improve the performance of the WAN link for replication?

- A. Enable QoS for the VLAN with RecoverPoint traffic
- B. Set the link speed on the RPA to "max throughput"
- C. Enable QoS on the Oracle consistency groups
- D. Configure EtherChannel Link Aggregation for use with the WAN link

Answer: A

Explanation:

QUESTION NO: 2

How would you justify the use of CLARiiON splitters in your design?

- A. To avoid an excessive number of ITLs created on the SANTap splitter
- B. To take advantage of the VMware vCenter integration for protected virtual machines
- C. To minimize the required hardware purchases if SANTap was used for all splitting
- D. To separate the splitter load to reduce the expected high load on the WAN link

Answer: A

Explanation:

QUESTION NO: 3

What should be done to throttle the amount of data being sent over the T3 line when new servers are brought under RecoverPoint control?

- A. Use the compression slider settings for best compression within the cluster
- B. Use the balance_load CLI commands to distribute the CGs across the RPAs in the cluster evenly
- C. Use the compression slider settings for best performance within the cluster
- D. Use a combination of Distributed Consistency Group and bandwidth limits on the Oracle CGs in the cluster

Answer: A

Explanation:

QUESTION NO: 4

The customer wants to create application-consistent copies of Exchange 2010 and SharePoint 2007 data in a CLR configuration.

What RecoverPoint features would help the customer meet this requirement?

- A. KVSS and VDI integration utilities
- B. KVSS and Oracle integration utilities
- C. SQLSNAP and VDI integration utilities
- D. SQLSNAP and TimeFinder integration utilities

Answer: A

Explanation:

QUESTION NO: 5

A new VMware customer would like to understand RecoverPoint's additional DR protection levels for their virtual machines.

What design alterations should you propose?

- A. Set up the ESX servers by using a CLR protection method and VMware's SRM functionality for automated DR response.
- B. Implement VMware SRM with the existing CDP configuration to provide automated local recovery.
- C. Implement RecoverPoint CDP protection and augment the CDP copy with CLARiiON SnapView technology.
- D. Implement VMware fault tolerance on each VM between the two sites.

Answer: A

Explanation:

Topic 2, Scenario 21

Refer to the Exhibit.