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Exam   :   D-CI-DS-23

**Title   :   Dell Cloud Infrastructure
Design 2023**

Version :   DEMO

1.An organization wants to deploy cloud applications using block storage. The architect has included a HCI solution in the cloud design.

Which requirements must have led to including this solution in the design?

A. Acquire additional storage array; Combine storage and application processing using a spine/leaf topology

B. No additional storage arrays to be acquired; Separate storage processing from application processing

C. No additional storage arrays to be acquired; Combine storage and application processing on each node

D. Acquire additional storage array; Combine storage and application processing using a full mesh topology

Answer: C

2.Refer to the exhibit.
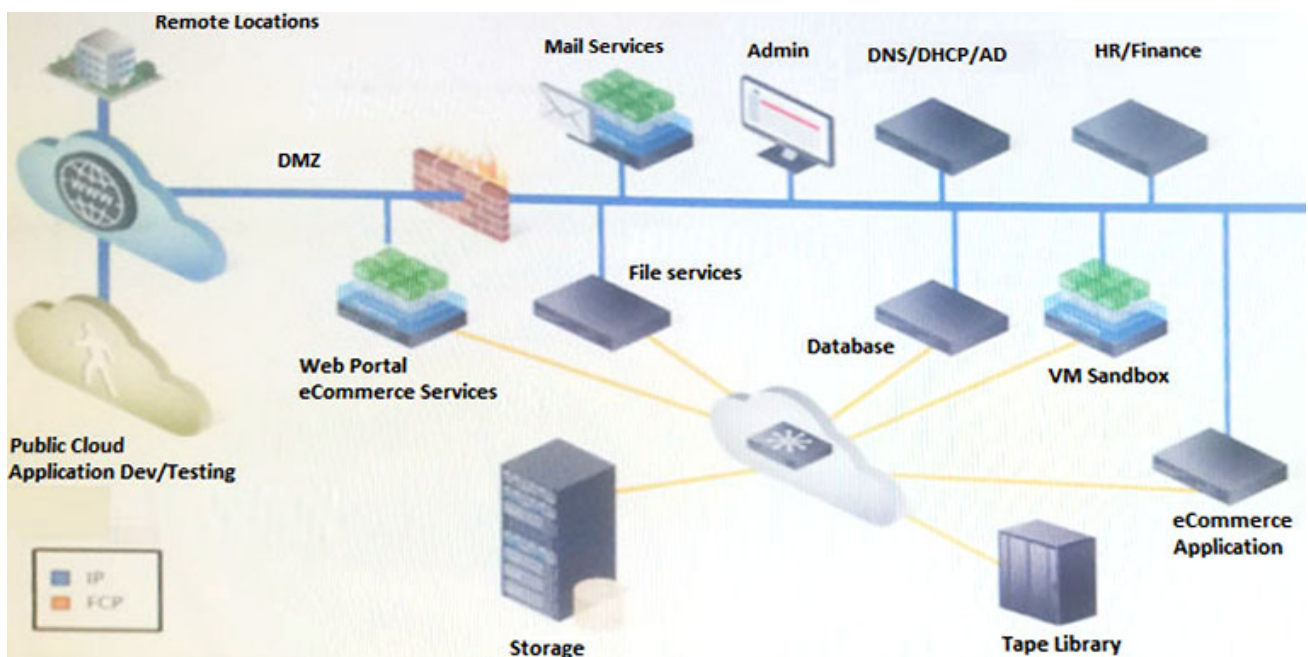
Your company recently negotiated several contracts with new customers to use its proprietary eCommerce system. As a result, the customer base has grown rapidly, which has introduced several challenges and requirements.

Business requirements:

- Applications need to scale quickly
- Metrics and reporting to anticipate business trends and efficient use of resources
- External customers are looking to license the eCommerce application

Other considerations:

- Applications need to be recorded for the public cloud
- Address security vulnerabilities for customer data in the cloud

Refer to Case 1.

You are designing a transformation from Platform 2.0 to cloud. You review the existing infrastructure and business requirements. You must define the method to connect the onpremises network directly to the public cloud provider.

Which technology should you select?

A. KMS
B. IDPS
C. MPLS
D. IPSec VPN
Answer: D

3.A cloud architect is designing a hybrid cloud for an organization. A requirement for this environment is that the private cloud user credential be trusted by both cloud provisioning APIs.
Which type of authentication will meet this requirement?
A. Multi-factor
B. Federated
C. Private-key
D. Shared-key
Answer: B

4.What should be used when sizing memory for nodes of a HCI deployment?
A. Host memory consumption
B. VM memory consumption
C. vCPU consumption
D. Total core count
Answer: B

5.You are designing a CI solution. You need to ensure maximum CPU utilization.
Which metric will tell you if you have met this goal?
A. Total IOPS
B. Percent idle time
C. I/O wait time
D. Average disk queue length
Answer: B