

# DUMPS ARENA

## Specialist – Cloud Architect, Cloud Infrastructure Exam

EMC DES-2T13

Version Demo

Total Demo Questions: 10

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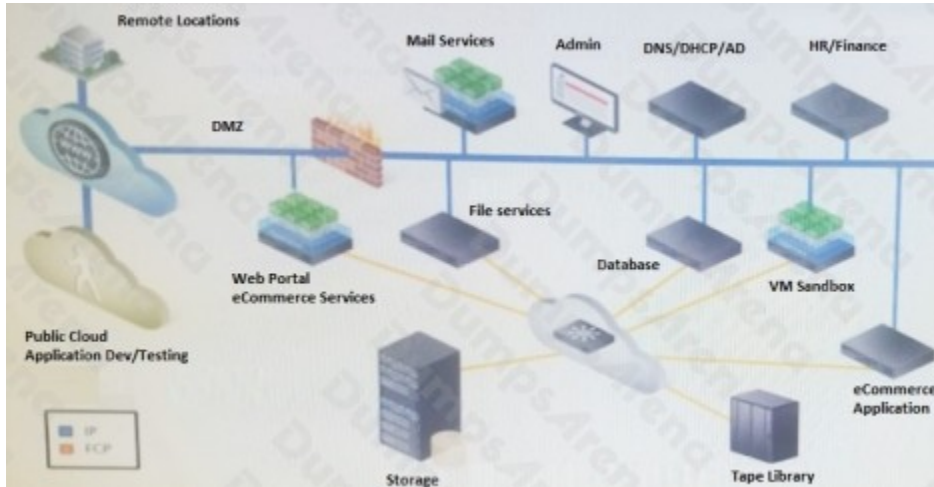
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**QUESTION NO: 1**

Case 1

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 sizing the compute capacity of blade servers in a converged infrastructure solution with the following specifications:

- Number of cores: 16
- Processor speed: 3.5 GHz
- Utilization percentage: 75%

What is the total GHz processing capability of one blade server?

- A. 18,6
- B. 20,2

C. 42,0

D. 56,7

**ANSWER: C**

#### **QUESTION NO: 2**

A cloud architect is evaluating an organization's need for encryption. Which type of encryption eliminates the requirement for key management?

A. File system-based

B. Virtual disk

C. Embedded

D. File-based

**ANSWER: B**

#### **QUESTION NO: 3**

What is the key factor used in Business Value Analysis?

A. CAGR

B. TCO

C. CAPEX

D. NPV

**ANSWER: B**

#### **QUESTION NO: 4**

An organization is considering the use of a cloud gateway to back up services in their private cloud environment. They want to use their existing backup application.

What should they ensure about the cloud gateway appliance?

A. Supported by the backup application Supports the target object storage APIs

B. Supported by the hypervisor  
Supports the target object storage APIs

**C.** Supported by the backup application Supports the target SMB storage APIs

**D.** Supported by the hypervisor  
Supports the target SMB storage APIs

**ANSWER: A**

### QUESTION NO: 5

A company has the following requirements:

- Modular building blocks
- Scalability
- In-house management solution
- No physical SAN

What type of infrastructure would meet these requirements?

- A.** Cloud-in-a-Box
- B.** Converged
- C.** Traditional
- D.** Hyper-Converged

**ANSWER: D**

### QUESTION NO: 6

In which cloud design lifecycle phase is business value analysis performed?

- A.** Understand requirements
- B.** Plan and design
- C.** Implementation
- D.** Validation

**ANSWER: A**

### QUESTION NO: 7 - (DRAG DROP)

As part of the planning process, a cloud architect may use tools to gather data from customer systems. Match each tool with its associated description.

**Select and Place:**

TOOL:	DESCRIPTION:
Statspack	Dell EMC add-on tool that captures storage performance data
Unisphere Analyzer	Tool that captures processor, memory, and storage information for Linux systems
esxtop	Oracle embedded tool that captures resource consumption information
sar	Tool that captures information about processes running on VMkernel

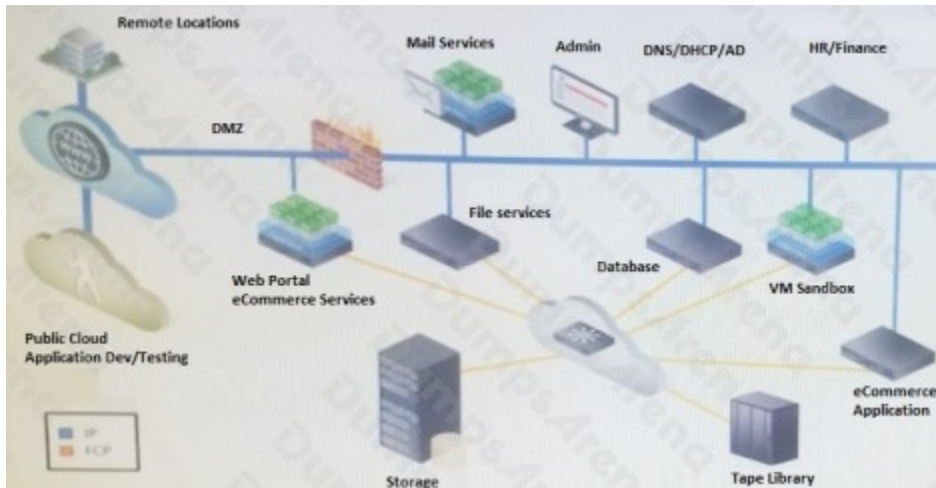
**ANSWER:**

TOOL:	DESCRIPTION:
Statspack	Unisphere Analyzer
Unisphere Analyzer	sar
esxtop	Statspack
sar	esxtop

**QUESTION NO: 8**

Case 1

Refer to the exhibit.



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Other considerations:

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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 on-premises network directly to the public cloud provider.

Which technology should you select?

- A. KMS
- B. IDPS
- C. MPLS
- D. IPSec VPN

**ANSWER: C**

**QUESTION NO: 9**

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: A**

#### **QUESTION NO: 10**

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**