

DES-2T13^{Q&As}

Specialist - Cloud Architect - Cloud Infrastructure Exam

Pass EMC DES-2T13 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.certbus.com/des-2t13.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by EMC
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



QUESTION 1

A company plans to invest \$315,000 to cover hardware, software, and deployment expenses. They expect to save \$35,000 per month. They are using a decommissioning cost of \$35,000 for the old equipment. After how many months will the company reach the break-even point?

- A. 7
- B. 8
- C. 9
- D. 10

Correct Answer: B

QUESTION 2

You are designing a cloud backup solution. Consider the following requirements when sizing the backup target: Total amount of data to be backed up = 2 TB (2000 GB) Full backup once a week Retention period for full backups = 2 months Daily incremental backups (assuming an average 10% change in data) Retention period for incremental backups = 1 month No Compression or deduplication Number of backup copies = 1 What is the total capacity, in GB, required for the backup target to accommodate the backups?

- A. 13, 200
- B. 16, 000
- C. 21, 200
- D. 26, 400

Correct Answer: C

QUESTION 3

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

Correct Answer: A

QUESTION 4

Which benefits might be realized by designing a separate infrastructure pool to host network functions?

- A. Reduced public IP address consumption, reduced troubleshooting time, and reduced consumer infrastructure load
- B. Reduced troubleshooting time, reduced consumer infrastructure load, and enhanced security
- C. Reduced troubleshooting time, enhanced security, and reduced public IP address consumption
- D. Reduced consumer infrastructure load, enhanced security, and reduced public IP address consumption

Correct Answer: D

QUESTION 5

As a cloud architect designing a DIY PaaS Solution, you have concluded that using containers to support the target application is the best choice. What consideration supports that decision?

- A. An application will run on multiple platforms with minor modification
- B. The abstraction of the physical hardware limits vulnerability
- C. Multiple operating systems can be supported in a single container
- D. The container supports the required software stack

Correct Answer: D

QUESTION 6

What is the benefit of Hot Spare disks?

- A. Enable efficient use of SSDs and NL SAS drive technologies
- B. Provide space-optimal data redundancy against multiple drive failures
- C. Handle any disk failure by distributing data over multiple drives
- D. Replace failed drives by taking the identity of the failed drive

Correct Answer: D

QUESTION 7

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

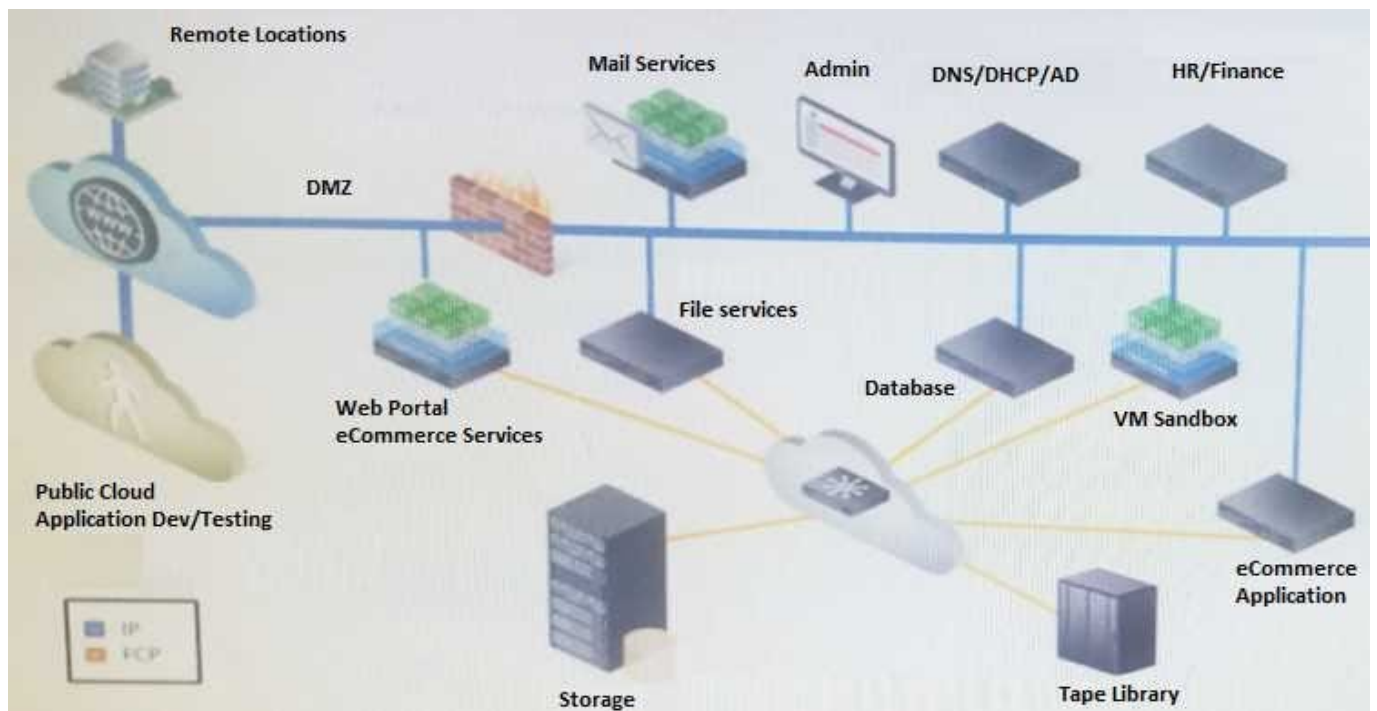
Correct Answer: D

Reference <https://www.belden.com/blog/data-centers/data-center-scalability-why-it-matters-in-yourinfrastructure>

QUESTION 8

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 designing the application development platform for the cloud and are considering using a PaaS

Solution. You must ensure that monitoring is included in the platform. Which key metrics need to be available from the PaaS Solution that you select?

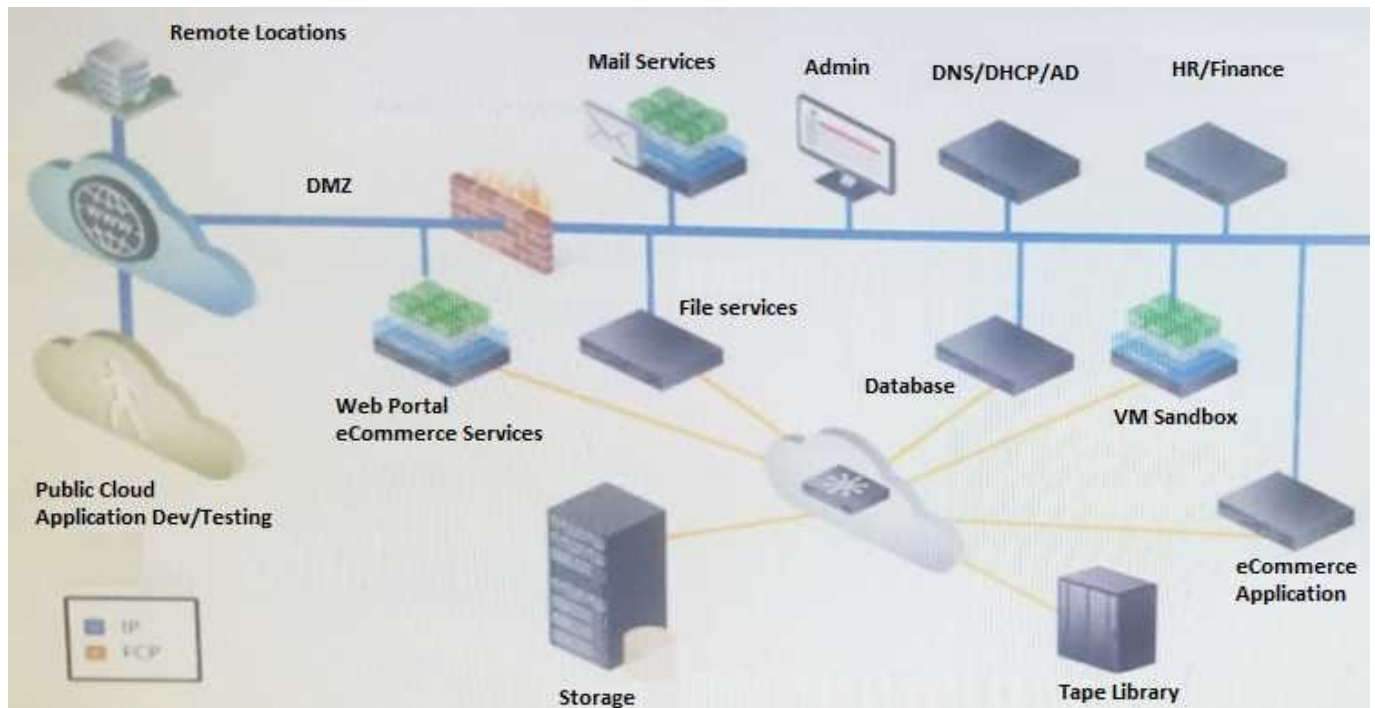
- A. Queue length and storage utilization
- B. Storage utilization and account login
- C. Account login and response time
- D. Response time and queue length

Correct Answer: D

QUESTION 9

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 designing a Do-It-Yourself private cloud solution. What is the recommended way to provide applications the ability to scale quickly?

- A. Increase the overall resource capacity of the system
- B. Restrict the component choices to within a single vendor
- C. Validate new element compatibility against the SSM
- D. Ensure the IT staff understands the configuration options

Correct Answer: A

QUESTION 10

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

Correct Answer: A

QUESTION 11

A company has the following requirements:

Infrastructure with a designated SAN

Run applications on pre-integrated hardware components Workloads are Platform 2.0 applications

Which solution would meet these requirements?

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

Correct Answer: D

QUESTION 12

DRAG DROP

You are tasked with designing a new cloud infrastructure. Match each compute related requirement with its proper category.

Select and Place:

REQUIREMENT:	CATEGORY:
Tenant and application separation must be maintained	CAPACITY
Sufficient CPU and memory to run the planned services	AVAILABILITY
Support current and future capacity	SECURITY
Quality of components to deliver operational performance for a specified time	SCALABILITY

Correct Answer:

REQUIREMENT:	CATEGORY:
Sufficient CPU and memory to run the planned services	
Quality of components to deliver operational performance for a specified time	
Tenant and application separation must be maintained	
Support current and future capacity	

QUESTION 13

Which design consideration applies to object storage?

- A. Multi-tenancy is supported through file and directory permissions

- B. It is best suited for high performance and low latency applications
- C. A RAID controller on the host computer handles redundancy
- D. A common authentication mechanism is accessible by all tenants

Correct Answer: B

QUESTION 14

An organization wants to deploy a CMP solution in a private cloud. What requirements influence the sizing of the underlying cloud management infrastructure?

- A. Size of the service portal and catalog
- B. CMP version and functions it provides
- C. Type of services and cost of each service
- D. High availability and performance

Correct Answer: A

QUESTION 15

SPECIAL INSTRUCTIONS REMINDER

The remaining questions are associated with two cases. Each case has an introductory, descriptive passage (case text) that describes background information and requirements for a specific cloud based design. And each case has a set of

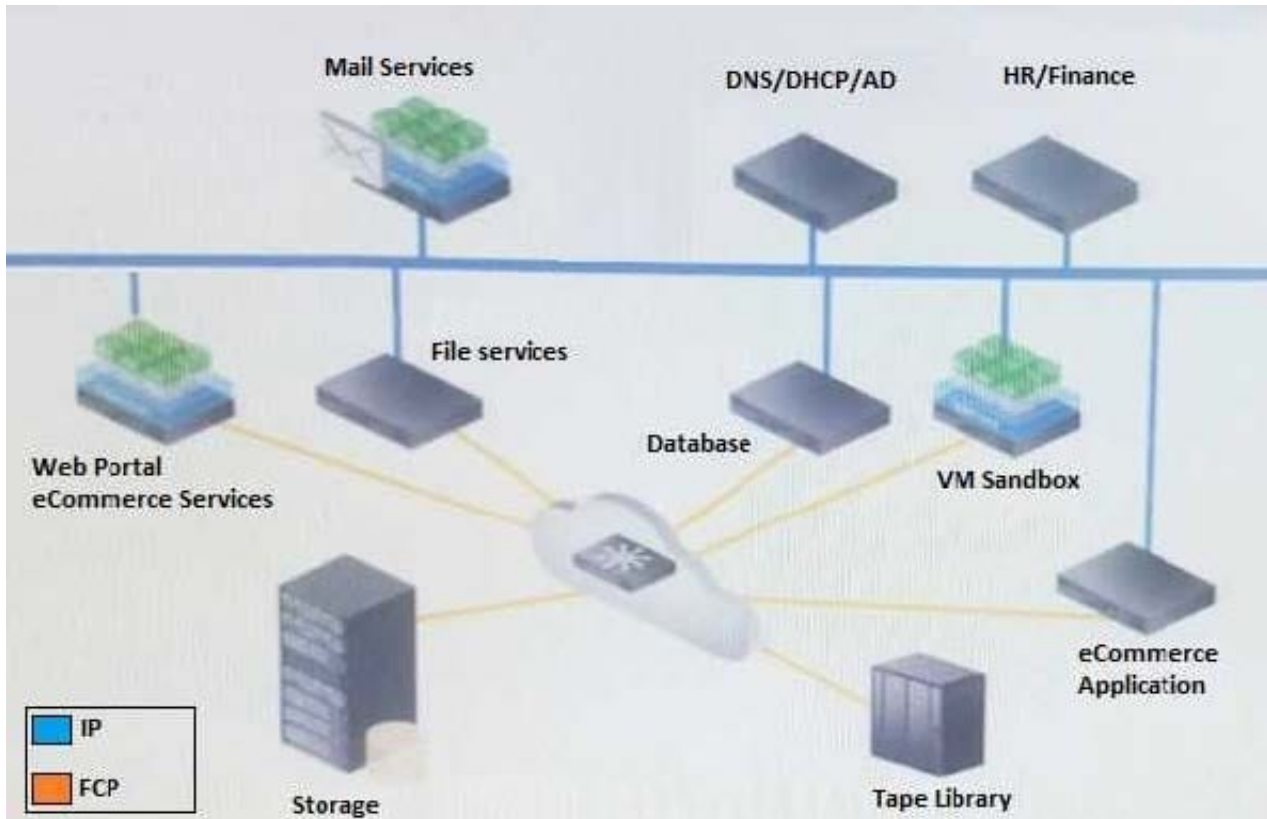
six related, randomized questions. You will need to read the case text in order to answer the related questions correctly.

Given that there are two cases with six scored questions each, the total number of case-based scored questions is 12.

When you display each questions you can easily review the related case text in a pop-up window by clicking on the "Case" icon (shown below)

Case 4

Refer to the exhibit.



Your company is currently using a traditional SAN storage network. The server infrastructure is partially virtualized. There is a public cloud in place that is used to test development and application migration to cloud.

Business requirements:

Consolidate the network, storage, and compute resources Simplify network management and storage provisioning Maintain application performance

Need to share resources to reduce cost and improve efficiency Other considerations:

Monitoring of protection SLAs

All transactions must be logged for auditing review

Users are validated using internal credentials

Refer to Case 4.

You must design the solution to enable external access to the eCommerce application using a Public cloud.

The development team wants to ensure that the application has a known performance profile. Which consideration offers best practices to address this concern?

- A. Automation Management
- B. Multicloud Compliance
- C. Interoperability
- D. Physical Server Consistency

Correct Answer: A

[DES-2T13 VCE Dumps](#)

[DES-2T13 Practice Test](#)

[DES-2T13 Braindumps](#)