



**Free Questions for DES-2T13 by certsdeals**

**Shared by Bray on 06-06-2022**

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## Question 1

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**Question Type:** MultipleChoice

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What can the consumer manage and control when subscribing to cloud Software as a Service (SaaS)?

### Options:

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- A- OS settings
- B- Network settings
- C- Application settings
- D- API module

### Answer:

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C

## Question 2

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**Question Type:** MultipleChoice

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What would you describe is a key characteristic of cloud platform as a Service (PaaS)?

**Options:**

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- A- Direct control over the underlying infrastructure
- B- Cloud hosted integrated development environment
- C- Home-grown programming environment
- D- Cloud hosted, in house built tools

**Answer:**

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B

## Question 3

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**Question Type: MultipleChoice**

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Which properties define a cloud environment?

**Options:**

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- A- Self-service, dedicated leased services in-house
- B- Dedicated, but privatized, virtualized data center technologies in-house
- C- Power, connectivity, physical security
- D- Self-service, Internet server computing, shared resources, pay as you use

**Answer:**

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D

## Question 4

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**Question Type: MultipleChoice**

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An organization wants to protect the cloud management platform (CMP) from loss due to a site disaster. To support this requirement, the completed cloud design deliverables include the processes and procedures for restoring CMP functionality.

What other item should be included in the deliverables to support this requirement?

**Options:**

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- A- Recovery validation and verification processes
- B- Data abstraction keys
- C- List of all consumer service IP addresses
- D- Document containing the data encryption keys

**Answer:**

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A

## Question 5

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**Question Type:** MultipleChoice

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What are key benefits of ITaaS compared to traditional IT processes?

**Options:**

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- A- Tiered services, integrated inventory management, and SLA-driven profit model
- B- Service catalog, SLA-driven management, and chargeback

**C-** Strong policies, DevOps, and software licensing

**D-** Ticket-based service model, cost, and chargeback

## **Answer:**

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B

## **Explanation:**

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\* In the ITaaS model, corporate IT offers a menu of SaaS, PaaS and IaaS options for business users via a centralized service catalog. Business users are free to pick and choose cloud services that corporate IT has vetted, or provide themselves. These users can make informed decisions based on service pricing and SLAs, and can in many cases provision services on their own.

\* ITaaS can be implemented through new consumption models leveraging self-service catalogs offering both internal and external services; providing IT financial transparency for costs and pricing; offering consumerized IT -- such as bring your own device (BYoD) -- to meet the needs of users. All of which simplify and encourage consumption of services.

\* A service-level agreement (SLA) is a part of a standardized service contract where a service is formally defined. Particular aspects of the service -- scope, quality, responsibilities -- are agreed between the service provider and the service user.

References:

<http://leverhawk.com/is-itaas-really-a-new-concept-20130628321>

## Question 6

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**Question Type:** MultipleChoice

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A cloud design contains multiple hosts that are running a hypervisor. Each host has only two physical 10 Gb network adapters that are aggregated for bandwidth and failover. The physical switch ports for each host are configured as access ports. Each host will support numerous virtual machines and network segments. These virtual machines will communicate with other virtual machines on the same network segments.

Why would overlay networks be required for this design?

### Options:

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- A- Support for more than two virtual switches
- B- Support for more than one virtual segment
- C- Support for more than two virtual machines
- D- Support for more than one distributed virtual switch

### Answer:

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B

## **Explanation:**

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An overlay network is a computer network that is built on top of another network. Nodes in the overlay network can be thought of as being connected by virtual or logical links, each of which corresponds to a path, perhaps through many physical links, in the underlying network.

Virtual overlay networks use tunneling protocols to extend isolated network segments between servers for multi-tenant data center networks.

References:

<http://searchsdn.techtarget.com/tip/Virtual-overlay-networks-Tunneling-protocols-enable-multi-tenancy>

## **Question 7**

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**Question Type: MultipleChoice**

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An organization uses Microsoft Active Directory (AD) for service authentication in their private cloud. They want to use the same authentication source for services in the public cloud. External employees access services in both clouds and need to authenticate with AD.

The organization wants to minimize and secure network traffic. Which solution will address these requirements?



### Options:

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- A- Connect the two clouds through IPsec VPNPlace AD controllers in the private cloud only
- B- Connect the two clouds through IPsec VPNPlace AD controllers in the private and public clouds
- C- Configure perimeter firewalls to allow AD trafficPlace AD controllers in the private and public clouds
- D- External users connect with IPsec VPNPlace AD controllers in the private cloud only

### Answer:

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B

### Explanation:

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References:

<https://blogs.technet.microsoft.com/keithmayer/2013/01/20/step-by-step-extending-on-premise-active-directory-to-the-cloud-with-windows-azure-31-days-of-servers-in-the-cloud-part-20-of-31/>

## Question 8

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**Question Type:** MultipleChoice

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Which authentication and authorization feature is critical for service providers when supporting multi-tenancy?

**Options:**

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- A- Integration with external authentication services
- B- Integration with external directory services
- C- Portal authentication services
- D- Single sign-on capability

**Answer:**

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A

## Question 9

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**Question Type: MultipleChoice**

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An organization wants to have showback capability in their private cloud. Which cloud management platform component should be included in the cloud design to support this requirement?

**Options:**

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A- SSO

B- Service catalog

C- Metering application

D- Monitoring application

**Answer:**

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C

**Explanation:**

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Note: IT chargeback is an accounting strategy that applies the costs of IT hardware, software, cloud services or shared services to the business unit in which they are used. IT showback is similar to IT chargeback, but the prices are for informational purposes only and no one is billed.

References:

<http://searchaws.techtarget.com/definition/IT-chargeback-showback>

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