Exam   :   **D-ISM-FN-23**

Title   :   Dell Information Storage and Management Foundations 2023

https://www.passcert.com/D-ISM-FN-23.html

1.What restricts a tenant's access to a specific group of object buckets in a software-defined storage environment?
A. Availability zone
B. Retention quotas
C. Namespace
D. Erasure coding
Answer: C

2.Which data archiving component scans primary storage to find the files that meet the archiving policy?
A. Archive storage
B. Archive database server
C. Archive agent
D. Archive stub file
Answer: C

3.A company plans to deploy a new application in their environment. The new application requires 2 TB of storage space. During peak workloads, the application is expected to generate 4500 IOPS with a typical I/O size of 4 KB. The capacity of each available disk drive is 250 GB. In addition, the maximum number of IOPS a drive can perform at with a 70% utilization is 90 IOPS.
What is the minimum number of disk drives needed to meet the application's capacity and performance requirements for a RAID 0 configuration?
A. 8
B. 40
C. 50
D. 70
Answer: C

4.What accurately describes the seek time of a disk drive?
A. Time taken to position the read/write head over the correct track
B. Time taken by the platter to position the data under the read/write head
C. Time taken to read a block of data from the platter
D. Time taken by the controller to service an I/O from the application
Answer: A

5.What is an accurate statement about a virtual tape library?
A. Legacy backup software can be used without additional modules or changes
B. Portability of physical tapes tooffsite locations is supported
C. Only sequential data access for both backup and recovery is supported
D. Regular maintenance tasks associated with a physical tape drive are required
Answer: A

6.If a company has experienced a passive attack on its IT infrastructure, how is the company's security impacted?
A. Access to services is denied.

B. Availability of data is affected.

C. Information privacy is compromised.

D. Data is altered by an unauthorized user.

Answer: C

7.A Fibre Channel switch has eight ports and all ports must be operational 24 hours 7 days.

However, a failure of Port 5 occurs on a particular week as follows:

- Monday = 11 AM to 3 PM

- Thursday = 6 AM to 11 AM

- Saturday = 11 AM to 4 PM

What is the availability of Port 5 in that week?

A. 91.6%

B. 94.6%

C. 95%

D. 90%

Answer: A

8.What does the "variability" characteristic of big data signify?

A. Importance in obtaining the right information from data at all possible contexts

B. Cost-effectiveness and business value obtained from massive volumes of data

C. Diversity in the formats and types of data generated from various sources

D. mportance in the quality of data gathered from a number of sources

Answer: A

9.What is an accurate statement regarding virtual LANs?

A. Supports Fibre Channel network transport data security

B. Supports one or more logical L ANS operating over a single physical LAN

C. Provides hardware level connectivity and maintains physical L AN transport paths

D. Provides software level connectivity and maintains physical LAN transport paths

Answer: B

10.In a _____ cloud deployment model, cloud resources are owned, operated, and maintained by a business.

A. Public

B. Private

C. Hybrid

D. Community

Answer: B

11.In an FC SAN environment, an administrator wants to ensure that a particular switch port cannot function as an E_Port and cannot be used to create an interswitch link.

Which security mechanism should the administrator use?

A. Port type locking

B. Port binding

C. Persistent port disable

D. Fabric binding

Answer: A

12.What is an accurate statement about a fabric-provided MAC address (FPMA) used in an FCoE SAN?

A. FCoE switches provide MAC addresses to VN_Ports during node login

B. FC switches provide MAC addresses to VE_Ports dynamically during discovery

C. Compute systems provide MAC addresses to the VF_Ports on FCoE switches

D. Both VF_Ports and VE_Ports obtain MAC addresses from FC switches

Answer: A

13.Which technology decouples the OS, applications, and user state from a physical compute system?

A. Application virtualization

B. Storage virtualization

C. Thin client virtualization

D. Desktop virtualization

Answer: D

14.What is an accurate statement about a virtual desktop infrastructure?

A. Each user is provided a dedicated desktop VM with its own operating system and applications

B. Operating system and applications hosted on a client system are shared by multiple users

C. Each user has an individual desktop session on the remote compute system in which applications execute

D. Operating system and applications on the remote desktop are downloaded on the client for local execution

Answer: A

15.What is an advantage of performing capacity monitoring in a storage infrastructure environment?

A. Automatically identifying configuration changes to the storage infrastructure elements

B. Rapidly identifying component failures that may lead to storage unavailability

C. Efficiently tracking unauthorized access to the storage infrastructure elements

D. Proactively preventing service outages due to the lack of storage space

Answer: D

16.What is an accurate statement about the function of an archiving server?

A. Enables the ability to configure policies for archiving data

B. Installs agentson the archiving storage device

C. Scans the data that can bearchived on application servers

D. Creates stub files on an archiving storage device

Answer: A

17.What information is available in a capacity planning report for storage infrastructure?

A. number of units of storage available, used and the cost

B. current and historic information about the utilization of storage, file systems, and ports

C. equipment purchase dates, licenses, lease status, and maintenance records

D. current and historical performance information about IT components and operations

Answer: B

18.What accurately describes hypervisor-based continuous data protection?

A. Virtual appliance is running on a hypervisor.

B. Journal is stored in a virtual machine.

C. Virtual appliance runs on a storage system.

D. Replica volumes are created in the hypervisor.

Answer: A

19.An organization is planning to secure the connection between the data center and cloud while performing data backup and replication.

Which security control mechanism will help organization to achieve the desired security?

A. Identity and Access management

B. Intrusion Detection and Prevention

C. Firewall

D. Virtual Private Network

Answer: D

20.An organization plans to deploy a new application in their environment. The new application requires 2 TB of storage space. During peak workloads, the application is expected to generate 9800 IOPS with a typical I/O size of 4 KB.

The capacity of each available disk drive is 250 GB. The maximum number of IOPS a drive can perform at with 70 percent utilization is 90 IOPS.

What is the minimum number of disk drives needed to meet the application's capacity and performance requirements given a RAID 0 configuration?

A. 8

B. 70

C. 110

D. 140

Answer: C