Vendor: Dell

Exam Code: DEA-1TT5

Exam Name: Associate - Information Storage and Management Exam

Version: DEMO

QUESTION 1
The Ethernet switch has eight ports and all ports must be operational for 24 hours, from Monday through Friday. However, a failure of Port 4 occurs as follows:

```
Monday = 8 PM to 11 PM
Wednesday = 7 PM to 10 PM
Thursday = 6 AM to 12 PM
```

What is the MTTR of Port 4?

A. 28 hours
B. 2 hours
C. 38 hours
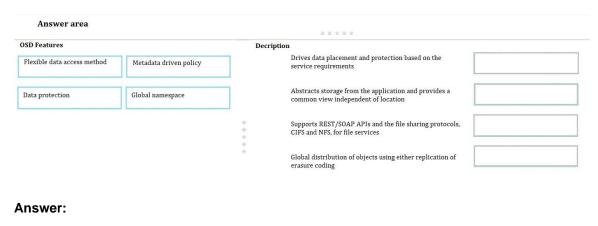D. 4 hours

Answer: D
Explanation:
MTTR = Total downtime for Port 4 / Number of failures of Port 4
MTTR = 12 hours / 3 = 4 hours

QUESTION 2
Drag and Drop Question

Match each OSD features with its description.

Answer:

QUESTION 3
Which network file sharing protocol provides cloud-based file sharing through a REST API

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interface?

A. S3
B. HDFS
C. ZFS
D. FTP

Answer: A
Explanation:
The network file sharing protocol that provides cloud-based file sharing through a REST API interface is S3 (Simple Storage Service). S3 is a popular object storage service offered by Amazon Web Services (AWS) that allows users to store and retrieve data over the internet.

QUESTION 4
Which data deduplication method would a cloud service provider use when storing back up data at their location?

A. Source-based
B. Target-based
C. Application-based
D. Agent-based

Answer: A
Explanation:
Cloud service providers use source-based method when performing a backup from consumer's location to their location.

QUESTION 5
Which storage management function ensures that the services and service levels are delivered per SLAs?

A. Infrastructure discovery management
B. Portfolio management
C. Financial management
D. Operation management

Answer: D
Explanation:
Modern storage infrastructure management has a service-based focus. It is linked to the service requirements and service level agreement (SLA)
- Key Storage Management Functions
- Operations Management
Ensures that the services and service levels are delivered as committed.
Operations management involves several management processes.

QUESTION 6
What is the functionality of the application server in a Mobile Device Management?

A. Perform administration and management of all unmanaged devices
B. Authenticate the device that requests access

C. Perform administration and management of all managed devices
D. Authorize devices directed to the server

Answer: C
Explanation:
In a Mobile Device Management (MDM) system, the application server is responsible for managing and administering all devices that have been enrolled and registered as managed devices. The server communicates with these devices over-the-air (OTA) and manages various aspects of device security, software updates, device configuration, and other administrative tasks.

QUESTION 7
Which file system provides a streaming interface using the MapReduce framework?

A. CIFS
B. HDFS
C. NFS
D. NTFS

Answer: B
Explanation:
HDFS provides high throughput data access to application data and is suitable for applications that have large data sets and enables streaming access to file system data in Apache Hadoop.

QUESTION 8
Which interface does an SCM device use to connect to intelligent storage system controllers?

A. NVMe
B. SATA
C. SAS
D. FC

Answer: A
Explanation:
An intelligent storage system is designed for performance, scalability, and availability. They included features that make them well suited for modern data center applications.

QUESTION 9
What kind of ML explicitly requires splitting the data into training and testing datasets before running an algorithm against that data?

A. Deep Learning
B. Unsupervised Learning
C. Reinforcement Learning
D. Supervised Learning

Answer: D
Explanation:
Depending on the type of ML approach and the phase of the buildout, labels or tags might be another essential component to data collection. In supervised learning approaches, clearly tagged data and direct feedback ensures that the algorithm can self-learn.

QUESTION 10
An organization is interested in a cloud service that provides middleware, development tools, and database management systems for application development and deployment.
Which cloud service model meets these requirements?

A. Software as a Service
B. Infrastructure as a Service
C. Platform as a Service
D. Application as a Service

Answer: C
Explanation:
Consumers have control over deployed applications and application hosting environment configurations.

QUESTION 11
Which standard provides FCoE with a lossless Ethernet network?

A. SCSI Remote Direct Memory Access
B. Data Center Bridging
C. Data Center Bridging Exchange Protocol
D. InfiniBand

Answer: B
Explanation:
FCoE and lossless (DCB) Ethernet are the key technologies enabling storage and network I/O convergence onto a shared I/O transport.

QUESTION 12
Which layer of the OSI reference model provides logical end-to-end connections, sequencing, and integrity?

A. Transport
B. Presentation
C. Session
D. Data Link

Answer: A

QUESTION 13
In a NAS environment, which file system enables file sharing with Windows clients and uses the TCP/IP protocol?

A. New Technology File System (NTFS)
B. Hadoop Distributed File System (HDFS)
C. Common Internet File System (CIFS)
D. Network File System (NFS)

Answer: C

Explanation:
CIFS is a client/server application protocol that enables client programs to make requests for file & services on remote computers over TCP/IP.

QUESTION 14
An organization wants to replicate data over a public network to a cloud.
Which security control mechanism helps to secure the data during replication?

A. LUN masking
B. Data shredding
C. Data compression
D. Encryption

Answer: D

QUESTION 15
What type of technology is used in SSD devices to provide non-volatile data storage?

A. Static RAM
B. Dynamic RAM memory
C. Flash memory
D. Programmable read-only memory

Answer: C
Explanation:
Solid-state storage typically uses a variant of non-volatile memory known as NAND flash. SSDs have no moving parts, and they are capable of higher performance than mechanically addressed HDDs and tape, which use a head to read and write data to magnetic storage media.

QUESTION 16
In a modern data center environment, which mechanism secures internal assets while allowing Internet-based access to selected resources?

A. Virtual local area network
B. Demilitarized zone
C. Virtual private network
D. WWN zoning

Answer: B
Explanation:
A demilitarized zone is a control to secure internal assets while allowing Internet-based access to selected resources.

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