

NetApp NS0-901

Artificial Intelligence Expert (AI Expert)

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Question: 1

Which of the following is a key use of predictive AI in industries?

Response:

- A. Generating new content like text and images.
- B. Forecasting customer demand and market trends.
- C. Creating new product designs from scratch.
- D. Synthesizing new videos for marketing.

Answer: B

Question: 2

How do snapshots and cloning support AI workloads?

Response:

- A. They allow for data replication across systems without impacting performance.
- B. They provide version control for models and datasets.
- C. They optimize storage by compressing data.
- D. They prevent unauthorized access to data.

Answer: B

Question: 3

Which of the following AI workloads benefit from the use of RDMA (Remote Direct Memory Access)?

(Choose two)

Response:

- A. Low-latency AI workloads requiring GPU access
- B. AI workloads that process unstructured data
- C. AI inference that involves large datasets
- D. Data transfer and model synchronization in multi-node AI training

Answer: A,D

Question: 4

What is a primary benefit of data aggregation in AI workloads?

Response:

- A. It increases the volume of raw data for training models.
- B. It helps in combining data from multiple sources to create a unified view for analysis.
- C. It enhances data security by isolating data in separate systems.
- D. It reduces the cost of storing unstructured data.

Answer: B

Question: 5

Which of the following best describes the difference between data lakes, data warehouses, and lakehouses?

Response:

- A. Data lakes store structured data, data warehouses store unstructured data, and lakehouses store only real-time data.
- B. Data lakes store raw, unstructured data, data warehouses store structured data, and lakehouses combine the features of both.
- C. Data lakes store metadata, data warehouses store transaction data, and lakehouses store archival data.
- D. Data lakes store data in cloud storage, data warehouses store it in traditional databases, and lakehouses store it in external drives.

Answer: B

Question: 6

Which of the following best describes the impact of predictive AI?

Response:

- A. It enables companies to make decisions based on future predictions rather than past data.
- B. It generates new data based on existing information.
- C. It enhances customer experience by generating personalized videos.
- D. It makes decisions based on historical data without considering future variables.

Answer: A

Question: 7

Which solution helps optimize costs for AI storage and compute?
Response:

- A. Data Infrastructure Insights
- B. Autonomous Ransomware Protection
- C. Snapshot-based storage
- D. Manual data management

Answer: A

Question: 8

Which of the following is the primary goal of supervised learning?
Response:

- A. To identify patterns in data without labeled examples.
- B. To classify data based on labeled inputs.
- C. To optimize models through trial and error.
- D. To make predictions based on future events.

Answer: B

Question: 9

Which of the following storage architectures are commonly used for AI workloads?
Response:

- A. C-Series, A-Series, EF-Series, and StorageGRID
- B. NAS systems and cloud storage only
- C. RAID storage configurations
- D. SAN and DAS systems

Answer: A

Question: 10

Which of the following is an example of AI used in digital twins?
Response:

- A. Simulating complex real-world systems in virtual environments to optimize operations and predict outcomes.
- B. Automating manual tasks in factories.
- C. Predicting traffic congestion in smart cities.
- D. Providing personalized content recommendations on streaming services.

Answer: A

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