

NVIDIA

Exam Questions NCA-AIO

NVIDIA-Certified Associate AI Infrastructure and Operations



NEW QUESTION 1

The foundation of the NVIDIA software stack is the DGX OS. Which of the following Linux distributions is DGX OS built upon?

- A. Ubuntu
- B. Red Hat
- C. CentOS

Answer: A

NEW QUESTION 2

An IT professional is considering whether to implement an on-prem or cloud infrastructure. Which of the following is a key advantage of on-prem infrastructure?

- A. Lower upfront costs and capital expenditure.
- B. Scalability and flexibility.
- C. Ensure data security and sovereignty.
- D. Easy remote management.

Answer: C

NEW QUESTION 3

Which NVIDIA software provides the capability to virtualize a GPU?

- A. Horizon
- B. vGPU
- C. virtGPU

Answer: B

NEW QUESTION 4

When deploying high-density workloads in a data center, what are the three main resource constraints that need to be considered?

- A. Processing speed, storage capacity, and network connectivity.
- B. Power, cooling, and physical space.
- C. Bandwidth, security, and redundancy.

Answer: B

NEW QUESTION 5

Which is the best PUE value for a data center?

- A. PUE of 1.2
- B. PUE of 3.5
- C. PUE of 5.0
- D. PUE of 2.0

Answer: A

NEW QUESTION 6

For which workloads is NVIDIA Merlin typically used?

- A. Recommender systems
- B. Natural language processing
- C. Data analytics

Answer: A

NEW QUESTION 7

How many distinct network fabrics are in an AI cluster?

- A. 3
- B. 2
- C. 4
- D. 5

Answer: A

NEW QUESTION 8

In an AI cluster, what is the purpose of job scheduling?

- A. To gather and analyze cluster data on a regular schedule.
- B. To monitor and troubleshoot cluster performance.
- C. To assign workloads to available compute resources.
- D. To install, update, and configure cluster software.

Answer: C

NEW QUESTION 9

What factors have led to significant breakthroughs in Deep Learning?

- A. Advances in hardware, availability of fast internet connections, and improvements in training algorithms.
- B. Advances in sensors, availability of large datasets, and improvements to the ??Bag of Words?? algorithm.
- C. Advances in hardware, availability of large datasets, and improvements in training algorithms.
- D. Advances in smartphones, social media sites, and improvements in statistical techniques.

Answer: C

NEW QUESTION 10

Which NVIDIA tool aids data center monitoring and management?

- A. NVIDIA Mellanox Insight
- B. NVIDIA Clara
- C. NVIDIA TensorRT
- D. NVIDIA DCGM

Answer: D

NEW QUESTION 10

What is a key value of using NVIDIA NIMs?

- A. They provide fast and simple deployment of AI models.
- B. They have community support.
- C. They allow the deployment of NVIDIA SDKs.

Answer: A

NEW QUESTION 13

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