

NCP-AII更新，NCP-AII認證考試解析

NVIDIA NCP-AII Exam

NVIDIA Certified Professional AI Infrastructure

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目前，考生報考 NVIDIA 認證最多的科目：NCP-AII。選擇 NCP-AII 考古題準備考試只是一種方式，優點在於快速有效的幫助考生通過考試。缺點就是缺乏實踐，實踐是在平時的工作之余可以勤加練習。如果決定參加 NCP-AII 認證考試並通過考試，拿到屬於自己的 NVIDIA 的 NCP-AII 認證是當務之急。而 NCP-AII 考古題可以幫助你在準備考試時節省很多的時間，順利通過考試。

Fast2test是個為NVIDIA NCP-AII 認證考試提供短期的有效培訓的網站，但是Fast2test能保證你的NVIDIA NCP-AII 認證考試及格。如果你不及格，我們會全額退款。在你選擇購買Fast2test的產品之前，你可以在Fast2test的網站上免費下載我們提供的部分關於NVIDIA NCP-AII認證考試的練習題及答案作為嘗試，那樣你會更有信心選擇Fast2test的產品來準備你的NVIDIA NCP-AII 認證考試。

>> NCP-AII更新 <<

完美的NCP-AII更新和資格考試中的領先提供商和無與倫比的NCP-AII認證考試解析

你肯定聽說過Fast2test的NCP-AII考古題吧？但是，你用過嗎？我們經常會聽到“Fast2test的考古題真是好資料，多虧了它我才通過了考試”這樣的話。Fast2test從使用過考古題的人們那裏得到了很多的好評。這是因為它確實能幫助考生們節省很多時間，並保證大家順利通過考試。

最新的 NVIDIA-Certified Professional NCP-AII 免費考試真題 (Q217-

Q222):

問題 #217

You have an Intel Xeon Gold server with 2 NVIDIA Tesla V100 GPUs. After deploying your AI application, you observe that one GPU is consistently running at a significantly higher temperature than the other. What could be a plausible reason for this behavior?

- A. One GPU is defective and drawing excessive power.
- B. One GPU's driver version is outdated, leading to inefficient power management.
- C. The ambient temperature in the server room is higher on one side of the rack.
- **D. The workload is not evenly distributed between the GPUs, causing one GPU to be more heavily utilized.**
- **E. The server's airflow is inadequate, causing poor cooling for one of the GPUs.**

答案: D,E

解題說明:

Uneven heat distribution often points to airflow problems or unbalanced workloads. Inadequate airflow can cause localized hotspots. Uneven workload distribution will naturally cause one GPU to work harder and generate more heat. While a defective GPU or driver issues are possibilities, they are less likely than airflow and workload imbalances in this scenario. High ambient temperature is also a contributing factor but less direct.

問題 #218

You are building a Docker image for a deep learning application that requires an NVIDIA GPU. Which of the following instructions is the most efficient way to ensure the NVIDIA drivers are available within the container, assuming you are using the nvidia/cuda base image and want to minimize the image size?

- A. COPY /usr/lib/nvidia /usr/local/nvidia/
- B. FROM nvidia/cuda:11.4.2-base-ubuntu20.04 RUN apt-get update && apt-get install -y -no-install-recommends nvidia-driver-470
- **C. Using 'nvidia/cuda' base image, the drivers are already included, so no further action is needed.**
- D. RUN apt-get update && apt-get install -y nvidia-driver-470
- E. FROM nvidia/cuda:11.4.2-base-ubuntu20.04 AS builder RUN apt-get update && apt-get install -y -no-install-recommends software-properties-common RUN add-apt-repository ppa:graphics-drivers/ppa RUN apt-get update && apt-get install -y -no-install-recommends nvidia-driver-470 FROM ubuntu:20.04 COPY -from=builder /usr/lib/nvidia /usr/lib/ COPY -from=builder /usr/local/nvidia /usr/local/

答案: C

解題說明:

The 'nvidia/cuda' base images provided by NVIDIA come pre-installed with the necessary NVIDIA drivers and CUDA toolkit. Therefore, you don't need to manually install or copy driver files. This is the most efficient method as it avoids unnecessary bloat in the Docker image. Options A, B, C and D all lead to redundant driver installations, increasing image size.

問題 #219

You are tasked with automating the BlueField OS deployment process across a large number of SmartNICs. Which of the following methods is MOST suitable for this task?

- A. Creating a custom ISO image with the BlueField OS and booting each SmartNIC from a USB drive.
- **B. Using a network boot (PXE) server to deploy the BlueField OS image over the network. This allows centralized management and scalability.**
- C. Utilizing a custom-built python script to flash each individual card, controlled from a central server. This method supports parallel flashing.
- D. Manually flashing each SmartNIC using the 'bfboot' utility on a workstation.
- E. Utilizing the 'dd' command to directly copy the image to each SmartNIC's flash memory.

答案: B

解題說明:

PXE boot allows for automated and scalable OS deployment over the network, making it the most suitable option for managing a large number of SmartNICs. Manually flashing or using USB drives is not practical at scale, and using 'dd' directly can be risky and

error-prone without proper checks.

問題 #220

A DGX A100 server with dual power supplies reports a critical power event in the BMC logs. One PSU shows a 'degraded' status, while the other appears normal. What immediate actions should you take to ensure continued operation and prevent data loss?

- A. Hot-swap the degraded PSU with a replacement unit.
- B. Reduce the GPU power limit using 'nvidia-smi' to decrease the overall power consumption of the server.
- C. Migrate all workloads to other servers in the cluster to minimize the impact of a potential complete PSU failure.
- D. Monitor the remaining PSU's load and temperature closely; if stable, continue operation until a scheduled maintenance window.
- E. Immediately shut down the server gracefully to prevent further damage to the faulty PSU.

答案： A,C

解題說明：

Hot-swapping the degraded PSU (B) restores redundancy. Migrating workloads (E) minimizes the risk of data loss or service interruption if the remaining PSU fails. Shutting down the server (A) causes unnecessary downtime if hot-swapping is possible. Monitoring the remaining PSU (C) is a good practice, but it's not a replacement for restoring redundancy or mitigating risk. Reducing GPU power limits (D) may help prevent further strain but is a temporary solution that impacts performance.

問題 #221

A distributed training job using multiple nodes, each with eight NVIDIA GPUs, experiences significant performance degradation. You notice that the network bandwidth between nodes is consistently near its maximum capacity. However, 'nvidia-smi' shows low GPU utilization on some nodes. What is the MOST likely cause?

- A. The network interface cards (NICs) are faulty, causing packet loss and retransmissions.
- B. Data is not being distributed evenly across the nodes; some nodes are waiting for data from others.
- C. The CPU is heavily loaded, causing contention for network resources.
- D. The NVIDIA drivers are outdated, causing communication bottlenecks.
- E. The GPUs are overheating, causing thermal throttling.

答案： B

解題說明：

High network bandwidth utilization combined with low GPU utilization on some nodes strongly suggests a data imbalance. Some nodes are likely waiting for data from other nodes, causing them to be idle while the network is saturated. This is a common problem in distributed training and requires addressing the data distribution strategy. While other factors (overheating, outdated drivers, faulty NICs, CPU load) could contribute, they are less likely to be the primary cause given the observed symptoms.

問題 #222

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你已經報名參加了NCP-AII認證考試嗎？是不是面對一大堆的復習資料和習題感到頭痛呢？Fast2test可以幫您解決這一問題，它絕對是你可以信賴的網站！只要你選擇使用Fast2test網站提供的資料，絕對可以輕鬆通過考試，與其花費時間在不知道是否有用的復習資料上，不如趕緊來體驗Fast2test帶給您的服務，還在等什麼趕緊行動吧。

NCP-AII認證考試解析: <https://tw.fast2test.com/NCP-AII-premium-file.html>

NVIDIA NCP-AII更新 所以你將沒有任何損失，NVIDIA NCP-AII更新 如今檢驗人才能力的辦法之一就是IT認證考試，但是IT認證考試不是很容易通過的，因為是真實可靠的，所以Fast2test NCP-AII認證考試解析的資料才能經過這麼長的時間後越來越受到大家的歡迎，購買Fast2test NCP-AII考題時，若工作人員說明這科題庫沒有問題，出題率都會達到85%以上，保證考生高分過關，不僅不會影響考生找工作時面試官認為的低分過關，進入不了好的企業，並且更不會影響IT行業人員的升遷及加薪問題，如果你還在為 NVIDIA的NCP-AII考試認證而感到煩惱，那麼你就選擇Fast2test培訓資料網站吧，Fast2test NVIDIA的NCP-AII考試培訓資料無庸置疑是最好的培訓資料，選擇它是你最好的選擇，它可以保證你百分百通過考試獲得認證。

妳的對手，居然是此人，生怕花輕落會一去不返似的，希望她能給自己壹個肯定的答案，所以你將沒有NCP-AII任

何損失，如今檢驗人才能力的辦法之一就是IT認證考試，但是IT認證考試不是很容易通過的，因為是真實可靠的，所以Fast2test的資料才能經過這麼長的時間後越來越受到大家的歡迎。

高質量的NCP-AII更新 |第一次嘗試輕鬆學習並通過考試&可靠的NCP-AII: NVIDIA AI Infrastructure

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