

# Exam NCP-AIN Vce & New NCP-AIN Test Pdf



P.S. Free & New NCP-AIN dumps are available on Google Drive shared by Pass4sureCert: <https://drive.google.com/open?id=1mLCBjHF95LhuTVfS0yVDJNvV4b-tRLNo>

To avail of all these NVIDIA NCP-AIN certification exam benefits you need to enroll in NVIDIA NCP-AIN certification exam and pass it with good scores. Are you ready for this? If your answer is right then you do not need to go anywhere. Just download NVIDIA NCP-AIN Dumps questions and start preparing today.

It helps you to pass the NVIDIA NCP-AIN test with excellent results. NVIDIA NCP-AIN imitates the actual NCP-AIN exam environment. You can take the NCP-AIN practice exam many times to evaluate and enhance your NVIDIA NCP-AIN Exam Preparation level. Desktop NCP-AIN practice test software is compatible with windows and the web-based software will work on these operating systems: Android, IOS, Windows, and Linux.

>> Exam NCP-AIN Vce <<

## Excel In The NVIDIA NCP-AIN Exam With Accurate Web-Based Practice Tests

You can download our NCP-AIN guide torrent immediately after you pay successfully. After you pay successfully you will receive the mails sent by our system in 10-15 minutes. Then you can click on the links and log in and you will use our software to learn our NCP-AIN prep torrent immediately. For the examinee the time is very valuable for them everyone hopes that they can gain high efficient learning and good marks. Not only our NCP-AIN Test Prep provide the best learning for them but also the purchase is convenient because the learners can immediately learn our NCP-AIN prep torrent after the purchase. So the using and the purchase are very fast and convenient for the learners.

## NVIDIA-Certified Professional AI Networking Sample Questions (Q55-Q60):

### NEW QUESTION # 55

In order to configure RoCE on a Cumulus switch, which command should be used?

- A. nv qos roce enable on
- B. nv set roce qos enable on
- C. nv roce qos enable on
- D. nv set qos roce enable on

**Answer: D**

Explanation:

To enable RDMA over Converged Ethernet (RoCE) on a Cumulus switch, the correct command is:

`nv set qos roce enable on`

This command configures the Quality of Service (QoS) settings to support RoCE, ensuring that the necessary parameters for lossless Ethernet are applied.

Reference: NVIDIA Cumulus Linux Documentation - RDMA over Converged Ethernet (RoCE)

### NEW QUESTION # 56

You need to configure a bond in Cumulus Linux. Which command should you use?

- A. `nv set bondbond1 interface member swp1-4`
- B. `nv set interface bond1 bond mode lacp`
- C. `nv set interface bond1 bond mlag enable`
- D. `nv set interface bond1 bond member swp1-4`

**Answer: B**

Explanation:

In Cumulus Linux, configuring a bond interface with Link Aggregation Control Protocol (LACP) involves setting the bond mode to 'lacp'. The correct command to achieve this is:

`nv set interface bond1 bond mode lacp`

This command sets the bonding mode of 'bond1' to LACP, enabling dynamic link aggregation for increased bandwidth and redundancy.

Reference Extracts from NVIDIA Documentation:

\* "To reset the link aggregation mode for bond1 to the default value of 802.3ad, run the `nv set interface bond1 bond mode lacp` command."

### NEW QUESTION # 57

When upgrading Cumulus Linux to a new version, which configuration files should be migrated from the old installation?

Pick the 2 correct responses below.

- A. All files in `/etc/mix`
- B. All files in `/etc/cumulus/acl`
- C. All files in `/etc`
- D. All files in `/etc/network`

**Answer: B,D**

Explanation:

Before upgrading Cumulus Linux, it's essential to back up configuration files to a different server. The `/etc` directory is the primary location for all configuration data in Cumulus Linux. Specifically, the following files and directories should be backed up:

\* `/etc/frr/` - Routing application (responsible for BGP and OSPF)

\* `/etc/hostname` - Configuration file for the hostname of the switch

\* `/etc/network/` - Network configuration files, most notably `/etc/network/interfaces` and `/etc/network/interfaces.d/`

\* `/etc/cumulus/acl` - Access control list configurations

Cumulus Linux is a network operating system used on NVIDIA Spectrum switches, including those in the Spectrum-X platform, to provide a Linux-based environment for Ethernet networking in AI and HPC data centers. When upgrading Cumulus Linux to a new version, it's critical to migrate specific configuration files to preserve network settings and ensure continuity. The question asks for the two configuration file locations that should be migrated from the old installation during an upgrade.

According to NVIDIA's official Cumulus Linux documentation, the key directories containing configuration files that should be migrated during an upgrade are `/etc/cumulus/acl` (for access control list configurations) and `/etc/network` (for network interface configurations). These directories store critical network settings that define the switch's behavior, such as ACL rules and interface settings, which must be preserved to maintain network functionality after the upgrade.

Exact Extract from NVIDIA Documentation:

"When upgrading Cumulus Linux, you must back up and migrate specific configuration files to ensure continuity of network settings.

The following directories should be included in the backup:

\* `/etc/cumulus/acl`: Contains access control list (ACL) configuration files that define packet filtering and security policies.

\* `/etc/network`: Contains network interface configuration files, such as `interfaces` and `ifupdown2` settings, which define the network interfaces and their properties. Back up these directories before upgrading and restore them after the new version is installed to

maintain consistent network behavior."-NVIDIA Cumulus Linux Upgrade Guide This extract confirms that options A and B are the correct answers, as /etc/cumulus/acl and /etc/network contain essential configuration files that must be migrated during a Cumulus Linux upgrade. These files ensure that ACL policies and network interface settings are preserved, which are critical for Spectrum-X configurations in AI networking environments.  
Reference:Upgrading Cumulus Linux - NVIDIA Docs

#### NEW QUESTION # 58

You are troubleshooting a Spectrum-X network and need to ensure that the network remains operational in case of a link failure. Which feature of Spectrum-X ensures that the fabric continues to deliver high performance even if there is a link failure?

- A. RoCE Adaptive Routing
- B. NVIDIA NetQ
- C. RoCE Congestion Control
- D. RoCE Performance Isolation

**Answer: A**

Explanation:

RoCE Adaptive Routing is a key feature of NVIDIA Spectrum-X that ensures high performance and resiliency in the network, even in the event of a link failure. This technology dynamically reroutes traffic to the least congested and operational paths, effectively mitigating the impact of link failures. By continuously evaluating the network's egress queue loads and receiving status notifications from neighboring switches, Spectrum-X can adaptively select optimal paths for data transmission. This ensures that the network maintains high throughput and low latency, crucial for AI workloads, even when certain links are down.

Reference Extracts from NVIDIA Documentation:

\* "Spectrum-X employs global adaptive routing to quickly reroute traffic during link failures, minimizing disruptions and preserving optimal storage fabric utilization."

\* "RoCE Adaptive Routing avoids congestion by dynamically routing large AI flows away from congestion points. This approach improves network resource utilization, leaf/spine efficiency, and performance."

#### NEW QUESTION # 59

You are using NVIDIA Air to simulate a Spectrum-X network for AI workloads. You want to ensure that your network configurations are optimal before deployment.

Which NVIDIA tool can be integrated with Air to validate network configurations in the digital twin environment?

- A. Spectrum-X Manager
- B. GPU Cloud
- C. NetQ
- D. DOCA

**Answer: C**

Explanation:

NVIDIA NetQ is a highly scalable network operations toolset that provides visibility, troubleshooting, and validation of networks in real-time. It delivers actionable insights and operational intelligence about the health of data center networks—from the container or host all the way to the switch and port-enabling a NetDevOps approach.

NetQ can be used as the functional test platform for the network CI/CD in conjunction with NVIDIA Air.

Customers benefit from testing the new configuration with NetQ in the NVIDIA Air environment ("digital twin") and fix errors before deploying to their production.

#### NEW QUESTION # 60

.....

As the saying goes, practice makes perfect. We are now engaged in the pursuit of Craftsman spirit in all walks of life. Professional and mature talents are needed in each field, similarly, only high-quality and high-precision NVIDIA-Certified Professional AI Networking qualification question can enable learners to be confident to take the qualification examination so that they can get the certificate successfully, and our NCP-AIN Learning Materials are such high-quality learning materials, it can meet the user to learn the most popular test site knowledge. Because our experts have extracted the frequent annual test centers are summarized to

**New NCP-AIN Test Pdf:** <https://www.pass4surecert.com/NVIDIA/NCP-AIN-practice-exam-dumps.html>

First Sketches of an App: Planning the Design of a Mobile Application, Matching Social Media to Your Customer Base, Saving the precious time users already so, also makes the NCP-AIN quiz torrent look more rich, powerful strengthened the practicability of the products, to meet the needs of more users, to make the NCP-AIN Test Prep stand out in many similar products.

Our NCP-AIN study materials might be a good choice for you. It is our guarantee that our latest NCP-AIN pdf dumps will help you in getting the perfect scores in your NVIDIA NCP-AIN exam on your maiden attempt.

[illegible]

What's more, part of that Pass4sureCert NCP-AIN dumps now are free: <https://drive.google.com/open?id=1mLCBjHF95LhuTVfS0yVDJNvV4b-tRLNo>