N10-008 Q&As

CompTIA Network+

Pass CompTIA N10-008 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/n10-008.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by CompTIA
Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

A network technician is troubleshooting an application issue. The technician is able to recreate the issue in a virtual environment. According to the troubleshooting methodology, which of the following actions will the technician most likely perform NEXT?

A. Gather information from the initial report.

B. Escalate the issue to a supervisor.

C. Implement a solution to resolve the issue.

D. Establish a theory of probable cause.

Correct Answer: D

Establish a Theory of Probable Cause I'd like to start by pointing out the impreciseness of the words in this step. Words such as theory and probable indicate a guess on your part, even if it is a guess backed by data. The way this step is written acknowledges that the root cause (step one) may not have been accurately identified. However, the cause is specific enough to begin troubleshooting.

This stage may require significant research on your part. Vendor documentation, your organization\\'s own documentation and a good old-fashioned Google search may all be required to provide the basis for your theory.

Specific steps here may include:

QUESTION 2

A network administrator is given the network 80.87.78.0/26 for specific device assignments. Which of the following describes this network?

A. 80.87.78 0 - 80.87.78.14

B. 80.87.78 0 - 80.87.78.110

C. 80.87.78 1 - 80.87.78.62

D. 80.87.78.1 - 80.87.78.158

Correct Answer: C

The network 80.87.78.0/26 is a Class A network with a subnet mask of /26, which means that it contains 26 bits of network information and 6 bits of host information. The range of valid host addresses for this network is 80.87.78.1 to

80.87.78.62. Any addresses outside of this range are reserved for special purposes or are not used.

QUESTION 3

A network technician is selecting a replacement for a damaged fiber cable that goes directly to an SFP transceiver on a network switch. Which of the following cable connectors should be used?

A. RJ45

B. LC

C. MT

D. F-type

Correct Answer: B

All SFP and SFP+ optics require LC connectors so the question becomes when you need single mode fiber or multi mode fiber but the connector type is clear. SC square connectors are too big to fit in a SFP or SFP+

QUESTION 4

In which of the following components do routing protocols belong in a software-defined network?

A. Infrastructure layer

B. Control layer

C. Application layer

D. Management plane

Correct Answer: B

A software-defined network (SDN) is a network architecture that decouples the control plane from the data plane and centralizes the network intelligence in a software controller. The control plane is the part of the network that makes decisions about how to route traffic, while the data plane is the part of the network that forwards traffic based on the control plane\'s instructions. The control layer is the layer in an SDN that contains the controller and the routing protocols that communicate with the network devices. The control layer is responsible for managing and configuring the network devices and providing them with the necessary information to forward traffic.

References: https://www.comptia.org/training/books/network-n10-008-study-guide (page 378)

QUESTION 5

A technician notices that equipment is being moved around and misplaced in the server room, even though the room has locked doors and cabinets. Which of the following would be the BEST solution to identify who is responsible?

A. Install motion detection

B. Install cameras.

C. Install tamper detection.

D. Hire a security guard.

Correct Answer: B

Installing cameras in the server room is the best solution to identify who is responsible for the equipment being moved and misplaced. Cameras provide a way to monitor the server room in real time and can be used to identify suspicious

activity. Additionally, they provide a way to review past activity and allow you to review footage to determine who may be responsible for the misplacement of equipment.