Free Questions for N10-009

Shared by Lewis on 04-10-2024

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Question 1

A systems administrator is configuring a new device to be added to the network. The administrator is planning to perform device hardening prior to connecting the device. Which of the following should the administrator do first?

Options:

A- Update the network ACLs.

B- Place the device in a screened subnet.

C- Enable content filtering.

D- Change the default admin passwords.

Answer:

D

Explanation:

Changing default admin passwords is a fundamental first step in device hardening to prevent unauthorized access.

Question 2

Which of the following can also provide a security feature when implemented?

Options:

A- NAT

B- BGP

C- FHRP

D- EIGRP

Answer:

A

Explanation:

NAT (Network Address Translation) helps hide internal IP addresses from external networks, adding a layer of security by preventing direct access to internal systems from the outside.

Question 3

A network technician is examining the configuration on an access port and notices more than one VLAN has been set. Which of the following best describes how the port is configured?

Options:

A- With a voice VLAN

B- With too many VLANs

C- With a default VLAN

D- With a native VLAN

Answer:

A

It is common for an access port to have both a voice VLAN and a data VLAN. A voice VLAN separates voice traffic from regular data traffic, ensuring better quality and security for voice communications.

Question 4

Question Type: MultipleChoice

An organization wants to ensure that incoming emails were sent from a trusted source. Which of the following DNS records is used to verify the source?

Options:

A- TXT

B- AAAA

C- CNAME

D- MX

Answer:

A

Question 5

Question Type: MultipleChoice

Which of the following steps in the troubleshooting methodology would be next after putting preventive measures in place?

Options:

A- Implement the solution.

B- Verify system functionality.

C- Establish a plan of action.

D- Test the theory to determine cause.

Answer:

B

Explanation:

After implementing a solution and putting preventive measures in place, the next step is to verify that the system is functioning correctly. This ensures that the issue has been fully resolved.

Question 6

Question Type: **MultipleChoice**

Following a fire in a data center, the cabling was replaced. Soon after, an administrator notices network issues. Which of the following are the most likely causes of the network issues? (Select two).

Options:

A- The switches are not the correct voltage.

B- The HVAC system was not verified as fully functional after the fire.

C- The VLAN database was not deleted before the equipment was brought back online.

D- The RJ45 cables were replaced with unshielded cables.

E- The wrong transceiver type was used for the new termination.

F- The new RJ45 cables are a higher category than the old ones.

Answer:

D, E

Explanation:

Unshielded cables (D) are more prone to interference and may not be suitable for certain environments, especially after a fire where interference could be heightened.

Using the wrong transceiver (E) for new terminations can lead to compatibility issues, causing network failures.

Question 7

Question Type: **MultipleChoice**

Three access points have Ethernet that runs through the ceiling. One of the access points cannot reach the internet. Which of the following tools can help identify the issue?

Options:

A- Network tap

B- Cable tester

C- Visual fault locator

D- Toner and probe

Answer:

B

Explanation:

A cable tester is a tool that can help identify issues with the physical cabling, such as breaks or improper terminations, which may prevent the access point from reaching the internet.

Question 8

Question Type: **MultipleChoice**

Which of the following is used to describe the average duration of an outage for a specific service?

Options:

A- RPO

B- MTTR

C- RTO

D- MTBF

Answer:

B

Explanation:

MTTR (Mean Time to Repair) is the average time it takes to repair a system or service after a failure. It helps in measuring the downtime and planning recovery processes.

Question 9

Question Type: **MultipleChoice**

Which of the following would be violated if an employee accidentally deleted a customer's data?

Options:

A- Integrity

B- Confidentiality

C- Vulnerability

D- Availability

Answer:

D

Explanation:

Availability refers to ensuring that data is accessible when needed. If a customer's data is accidentally deleted, it impacts availability, as the data can no longer be accessed.

Question 10

Which of the following facilities is the best example of a warm site in the event of information system disruption?

Options:

A- A combination of public and private cloud services to restore data

B- A partial infrastructure, software, and data on site

C- A full electrical infrastructure in place, but no customer devices on site

D- A full infrastructure in place, but no current data on site

Answer:

D

Explanation:

A warm site typically has a full infrastructure ready, but it lacks the most up-to-date data or is not immediately operational. It requires some configuration or data restoration to become fully functional.