



Vendor: HP

Exam Code: HPE6-A86

Exam Name: HPE Network Switching Associate Exam

Version: DEMO

QUESTION 1

A network is configured with two 2930F switches as the aggregation layer. Each 2930F switch has ten connections. The network has twenty 2530 access switches connected to both aggregation switches with 1Gb RJ45. Your task is to replace the aggregation switches with CX 6200 models. In this scenario, which configuration would provide redundancy using two ports on the access switches to the aggregation layer?

- A. Create VSF on the CX 6200 and a lag for CX 6200 and 2530.
- B. Create a single domain VSF for CX 6200 and 2530.
- C. Create a lag on the 2530 to connect to both CX 6200 switches.
- D. Create VSF on the CX 6200 and use stacking with the 2530.

Answer: A

Explanation:

By forming a VSF stack with the two CX 6200 switches, they operate as a single logical switch. This allows each 2530 access switch to build one LACP LAG using two uplink ports -- one to each CX 6200 member -- while still being treated as a single aggregated connection, providing link and switch redundancy.

QUESTION 2

A security auditor asks whether you use any insecure management protocols to configure your CX-6200 switches from their factory default state. What can you tell them?

- A. No, Telnet and HTTPS are enabled by default.
- B. Yes, Telnet is enabled by default.
- C. No, SSH and HTTPS are enabled by default.
- D. Yes, HTTP is enabled by default.

Answer: C

Explanation:

From the factory default state, CX-6200 switches have secure management protocols enabled, specifically SSH for CLI access and HTTPS for web access, ensuring encrypted communication for device configuration.

QUESTION 3

A Windows PC is not able to browse the Internet. Based on the output, what could be the problem?

```
Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : arubatraining.com
    IPv4 Address. . . . . : 10.211.55.151
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.211.55.1
```

```
Access-1#show run int vlan 55
interface vlan 55
  description Workstations
  ip address 10.211.55.1/25

Access-1#show run int 1/1/12
interface 1/1/12
  no shutdown
  description PC
  vlan access 55
  spanning-tree port-type admin-edge
  exit
```

- A. A static route must be configured on the PC.
- B. The port has been error-disabled by STP.
- C. The wrong subnet mask has been configured.
- D. There is no VLAN tag configured on the PC.

Answer: C

Explanation:

The switch SVI for VLAN 55 is configured with a /25 mask, but the PC is configured with a /24 mask. Considered together, this mismatch can cause the PC to make incorrect local/remote decisions and break routing to the default gateway for some destinations, preventing Internet access.

QUESTION 4

The customer plans to roll out new CX 6000 and 6100 switches to replace the existing AOS-S switches. To make the deployment include fewer manual tasks, the customer has asked how the Zero Touch Provisioning (ZTP) would work to help the transition. Select the correct statement about ZTP.

- A. The ZTP deployment is enabled by default on the management interface.
- B. ZTP connects to HPE Aruba Networking Central and downloads the template configuration over SCP.
- C. An SFTP server needs to be set up for the switch to download the initial configuration.
- D. A DHCP server needs to be configured with the required options.

Answer: D

Explanation:

Zero Touch Provisioning on HPE Aruba Networking CX switches relies on DHCP to provide the switch with the necessary information, such as the location of configuration files or onboarding services, allowing the device to automatically provision itself with minimal manual intervention.

QUESTION 5

The customer requires the highest speed available using a single port link between a CX 6200 and a CX 6300 over a distance of 1 meter (3 feet). Which is the correct validated connectivity option for a single port?

- A. 10Gb - SR
- B. 1Gb - RJ45
- C. 50Gb - DAC
- D. 25Gb - LR

Answer: D

Explanation:

Both the CX 6200 and CX 6300 support 25-gigabit SFP28 interfaces, and a 25G LR optic is a validated option that provides the highest available speed among the choices using a single port, regardless of the short distance involved.

QUESTION 6

What are valid responses from a RADIUS server? (Choose two.)

- A. ACCEPT
- B. ALLOW
- C. PERMIT
- D. DENY
- E. BLOCK
- F. REJECT

Answer: AF

Explanation:

A RADIUS server responds to authentication requests with standardized messages. ACCEPT indicates that the user is successfully authenticated and authorized, while REJECT indicates that the authentication attempt has failed and access is denied.

QUESTION 7

In the partial example of the LLDP output below:

```
Port : 1/1/25
Neighbor Entries           : 1
Neighbor Entries Deleted   : 0
Neighbor Entries Dropped   : 0
Neighbor Entries Aged-Out  : 0
Neighbor System-Name       :
...
Chassis Capabilities Available : Bridge, Router
Chassis Capabilities Enabled  : Bridge, Router
Neighbor Port-ID             : 1/1/51
Neighbor Port-Desc           : 1/1/51
Neighbor Port VLAN ID        : 1
Neighbor Port VLAN Name      :
Neighbor Port MFS            : 0
Link aggregation supported    : Information Not Available
Link aggregation enabled      : No
Aggregation port ID          : 0
TTL                           : 120

Neighbor Mac-Phy details
Neighbor Auto-neg Supported  : true
Neighbor Auto-Neg Enabled    : false
Neighbor Auto-Neg Advertised : Other
Neighbor MAU type            : 10 GIGBASESR

Neighbor EEE information      : DOT3
Neighbor TX Wake time         : 0 us
Neighbor RX Wake time         : 0 us
Neighbor Fallback time        : 0 us
Neighbor TX Echo time         : 0 us
Neighbor RX Echo time         : 0 us
```

What can be validated based on the provided output?

- A. Peer device port is 1/1/25
- B. Peer device native VLAN ID is 1
- C. Peer device native VLAN has no name
- D. Peer device is connected over a Gigabit transceiver

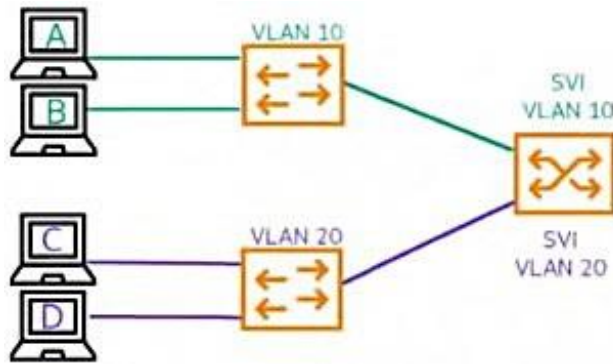
Answer: B

Explanation:

The LLDP neighbor information shows the neighbor's port VLAN ID as 1, which indicates the untagged (native) VLAN on the peer port is VLAN 1.

QUESTION 8

How many broadcast domains are shown in the diagram below?



- A. 1
- B. 2
- C. 4
- D. 6

Answer: B

Explanation:

Each VLAN is a separate Layer 2 broadcast domain. The diagram shows VLAN 10 and VLAN 20, so there are two broadcast domains.

QUESTION 9

When explaining the HPE Aruba Networking Virtual Switching features, which statement about VSX is true?

- A. The configuration can vary between two and ten members.
- B. The switch control plane operates independently.
- C. The management plane is shared.
- D. The switch member ID changes on members other than the primary.

Answer: B

Explanation:

In a VSX pair, each switch maintains its own independent control plane. This design avoids a single point of failure and allows both switches to continue operating and forwarding traffic even if the peer becomes unavailable.

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