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NEW QUESTION: 1

Which protocols can be used to control administrative access to HPE Aruba Networking OS-CX switches? (Choose two.)

- A. RADIUS
- B. LDAP
- C. Diameter
- D. SAML
- E. TACACS

Answer: A,E (LEAVE A REPLY)

OS-CX switches support centralized authentication, authorization, and accounting for administrative access using RADIUS and TACACS, allowing administrators to control and audit management access through external AAA servers.

NEW QUESTION: 2

Which firewall port needs to be opened between your Network Monitoring System and CX switches to collect monitoring data using SNMP?

- A. UDP 161
- B. UDP 1157
- C. TCP 162
- D. TCP 1156

Answer: A (LEAVE A REPLY)

SNMP polling uses UDP port 161, which must be open between the Network Monitoring System and the CX switches to allow the collection of monitoring data.

NEW QUESTION: 3

What is the purpose of Link Aggregation Control Protocol (LACP)?

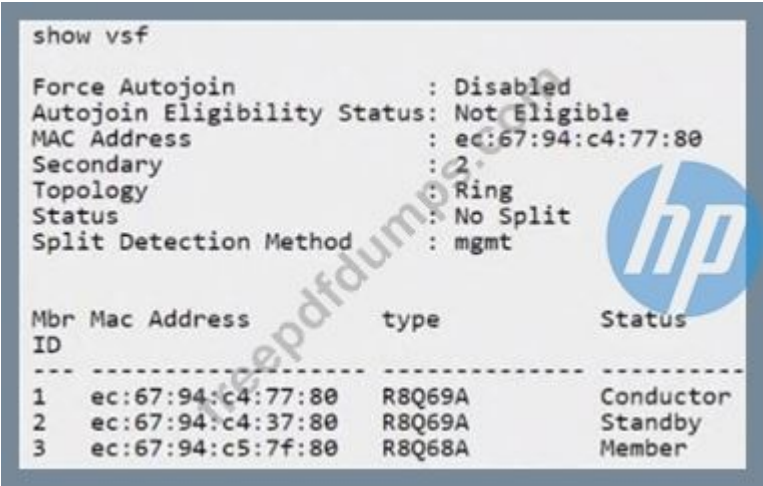
- A. To increase bandwidth by bundling multiple physical links
- B. To prioritize VoIP traffic
- C. To assign IP addresses dynamically
- D. To detect rogue devices on the network

Answer: A (LEAVE A REPLY)

LACP (Link Aggregation Control Protocol) is a protocol used to combine multiple physical network links into a single logical link, known as a link aggregation group (LAG). This increases the overall bandwidth between two network devices, providing redundancy and load balancing for traffic across the aggregated links. LACP is part of the IEEE 802.1AX standard (formerly 802.3ad), and its primary purpose is to manage the aggregation of links to improve network performance and reliability.

NEW QUESTION: 4

Based on the example below:



```
show vsf
Force Autojoin           : Disabled
Autojoin Eligibility Status: Not Eligible
MAC Address              : ec:67:94:c4:77:80
Secondary                : 2
Topology                 : Ring
Status                   : No Split
Split Detection Method    : mgmt
```

Mbr ID	Mac Address	type	Status
1	ec:67:94:c4:77:80	R8Q69A	Conductor
2	ec:67:94:c4:37:80	R8Q69A	Standby
3	ec:67:94:c5:7f:80	R8Q68A	Member

What happens to the member status state if member 1 reboots?

- A. Member 2 becomes Standby
- B. Member 2 becomes Conductor
- C. Member 3 becomes Conductor
- D. Member 3 becomes Standby

Answer: B (LEAVE A REPLY)

The output shows member 1 is the Conductor and member 2 is the Standby. If the Conductor (member 1) reboots, the Standby takes over the control-plane role to maintain stack operation, so member 2 becomes the Conductor.

NEW QUESTION: 5

A company recently deployed an Aruba switch and configured Link Aggregation Control Protocol (LACP) between two switches to improve bandwidth and redundancy. However, some links are not forwarding traffic, and network performance has decreased. Which troubleshooting step should the administrator perform first?

- A. Check that LACP is enabled on both ends of the link
- B. Verify that both switches are running the same STP version
- C. Increase the MTU size on the affected ports
- D. Configure static routes between the two switches

Answer: A (LEAVE A REPLY)

When troubleshooting an LACP (Link Aggregation Control Protocol) issue where some links are not forwarding traffic, the first step should be to ensure that LACP is enabled on both ends of the link. LACP must be configured consistently on both switches for the aggregation to function correctly. If LACP is enabled on one switch but not the other, the links will not form a valid aggregated group, leading to issues like traffic not being forwarded and performance degradation.

NEW QUESTION: 6

While investigating a fault, you discovered that a LAG interface from an aggregation switch was connected to two different access switches. How can you re-configure the LAG interface so it will only come up if connected to the same access switch?

- A. Enable LLDP on both switches.
- B. Change the hash algorithm.
- C. Configure a static lag.
- D. Configure a dynamic lag.

Answer: (SHOW ANSWER)

Configuring a static LAG ensures that the port-channel only comes up when all member links are connected to the same switch, preventing misconfigurations across different access switches.

NEW QUESTION: 7

A newly connected 500R series access point is not visible in HPE Aruba Networking Central. You have run the following commands to troubleshoot.

```
Access-1#show run int vlan 10
interface vlan10
  description Infrastructure Management
  ip address 10.80.10.1/24
  ip helper-address 10.200.10.51
  exit

Access-1#show run int 1/1/1
interface 1/1/1
  no shutdown
  description Access Point
  vlan trunk native 10
  vlan trunk allowed 10,20,30
  exit

Access-1#show lldp neighbor-info 1/1/1
Port : 1/1/1
Neighbor Entries : 1
Neighbor Entries Deleted : 0
Neighbor Entries Dropped : 0
Neighbor Entries Aged-Out : 0
Neighbor System-Name : b8:37:b2:5f:21:21
Neighbor System-Description : ArubaOS (MODEL: AP-505R ), Version Aruba IAP
Neighbor Chassis-ID : b8:37:b2:5f:21:21
Neighbor Management-Address : 169.254.2.58
Chassis Capabilities Available : Bridge, WLAN
Chassis Capabilities Enabled : WLAN
Neighbor Port-ID : b8:37:b2:5f:21:21
Neighbor Port-Desc : eth0
Neighbor Port VLAN ID :
```

Based on the output, what could be the problem?

- A. The AP does not support DHCP
- B. The DHCP server is not available
- C. The DHCP server must be in the same subnet as the AP
- D. The switch port should be configured as an access port

Answer: B (LEAVE A REPLY)

The access point is advertising a 169.254.x.x address, which indicates it did not receive an address from DHCP. This points to DHCP not being reachable or not providing leases for the management VLAN used by the AP.

NEW QUESTION: 8

A customer requires a network upgrade to replace their existing core switches. The new solution must support 100G speeds to the aggregation layer and occupy a physical space of 10U max as a chassis solution.

Which HPE Aruba Networking CX switch model would you initially propose?

- A. CX 10000
- B. CX 9300
- C. CX 8360
- D. CX 8400

Answer: (SHOW ANSWER)

The CX 8360 chassis supports high-density 100G connectivity to aggregation switches while fitting within a 10U form factor, making it suitable for high-speed core deployments in limited space.

NEW QUESTION: 9

Which is at the Physical Layer of the OSI model?

- A. Switch Port
- B. URL
- C. TCP Port
- D. IP Address

Answer: A (LEAVE A REPLY)

A switch port operates at the Physical Layer of the OSI model, handling the transmission and reception of raw bits over a physical medium.

NEW QUESTION: 10

Based on the given output:

```
vsx
system-mac 06:02:10:00:02:00
inter-switch-link lag 256
role primary
keepalive peer 10.255.250.3 source 10.255.250.2 vrf KA
vsx-sync copp-policy dhcp-relay dhcp-server dns mlag-interfaces snmp ssh time vsx-global
```

Which HPE Aruba Networking CX switch can be used to create this configuration?

- A. CX 6100
- B. CX 6200
- C. CX 8100
- D. CX 4100i

Answer: C (LEAVE A REPLY)

The configuration shown enables VSX, which is supported only on CX switch platforms that provide VSX capabilities. Among the listed models, the CX 8100 series supports VSX and can be used to build this type of dual-switch configuration with an inter-switch link, keepalive, and VSX synchronization.

NEW QUESTION: 11

Which user group exists by default on a CX 8400 series switch?

- A. operators

- B. helpdesk
- C. servicedesk
- D. support

Answer: A (LEAVE A REPLY)

The CX 8400 series switch includes a predefined operators user group by default, which provides limited operational access suitable for monitoring and basic troubleshooting tasks without full administrative privileges.

NEW QUESTION: 12

Which two transport layer protocols operate at Layer 4? (Choose two.)

- A. TCP
- B. UDP
- C. IP
- D. ICMP

Answer: A,B (LEAVE A REPLY)

Both TCP (Transmission Control Protocol) and UDP (User Datagram Protocol) operate at the Transport Layer (Layer 4) of the OSI model. These protocols are responsible for managing the end-to-end communication and flow of data between devices on a network.

A). TCP (Transmission Control Protocol): TCP is a connection-oriented protocol that provides reliable, ordered, and error-checked delivery of data between applications. It ensures that data packets are delivered correctly and in the correct order.

B). UDP (User Datagram Protocol): UDP is a connectionless protocol that does not guarantee reliable delivery or ordering of data packets. It is used in applications where speed is more important than reliability, such as streaming media or online gaming.

NEW QUESTION: 13

Which HPE Aruba Networking tool would help you visualize a network path between a virtual server and switch port?

- A. HPE Aruba Networking Fabric Composer
- B. HPE Aruba Networking Central
- C. HPE Aruba Networking Central On-Prem
- D. Network Analytics Engine

Answer: D (LEAVE A REPLY)

The Network Analytics Engine allows visualization of network paths, monitoring of traffic flows, and analysis of connectivity between devices, including virtual servers and switch ports.

NEW QUESTION: 14

A retail store chain customer is replacing 1,479 AOS-S switches with HPE Aruba Networking CX

6000 switches. The customer is interested in utilizing ZTP to provision the new switches. Still, they are concerned about when the switch starts the ZTP process and whether the ZTP may change configurations on the switches already deployed. What would address this concern?

- A. If the ZTP operation detects that the switch has already been added to Aruba Networking Central, the ZTP operation ends.
- B. If the ZTP operation detects that the switch configuration is different from the factory default configuration, the ZTP operation ends.
- C. If the ZTP operation detects that ztp force-provisioning is set, software and configuration are automatically deployed, and the ZTP operation starts.
- D. If the ZTP operation detects that the DHCP option provided by the TFTP server already has the switch serial number assigned as a configuration file, the ZTP operation ends.

Answer: B (LEAVE A REPLY)

ZTP on HPE Aruba Networking CX switches runs only when the device is in its factory default state. If the switch detects that its configuration has already been modified from the factory default, the ZTP process stops, ensuring that ZTP does not overwrite or change configurations on switches that are already deployed.

NEW QUESTION: 15

Drag and Drop Question

You are troubleshooting a connectivity issue and are reviewing your notes after talking to your team. Classify each piece of information as either a symptom or a possible cause. (Matches may be used more than once.)

Cause

Symptom

Answer Area

A new firewall rule has been added

My email isn't working

My device says 'No Internet'

One of the DNS servers is offline

The switch firmware was upgraded

Websites aren't loading

Answer:

Answer Area	
Cause	A new firewall rule has been added
Symptom	My email isn't working
Symptom	My device says 'No Internet'
Cause	One of the DNS servers is offline
Cause	The switch firmware was upgraded
Symptom	Websites aren't loading

Explanation:

A symptom is an observed problem experienced by users or systems. A cause is a change, condition, or failure that could plausibly explain those observed problems.

NEW QUESTION: 16

What is the default subnet mask for an IPv4 Class C network?

- A. 255.0.0.0
- B. 255.255.0.0
- C. 255.255.255.0
- D. 255.255.255.255

Answer: C (LEAVE A REPLY)

In IPv4, Class C networks are typically used for smaller networks. The default subnet mask for a Class C network is 255.255.255.0, which allows for 256 IP addresses in total, with 254 usable host IPs (the first address is the network address, and the last is the broadcast address).

Class C networks have the first three octets (the first 24 bits) dedicated to the network portion, and the last octet (8 bits) available for host addresses, hence the subnet mask 255.255.255.0.

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NEW QUESTION: 17

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 (LEAVE A REPLY)

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.

NEW QUESTION: 18

A switch port is up, but no traffic is being forwarded. What could be a possible reason?

- A. The port is in a blocking state due to STP
- B. The IP address is incorrect
- C. The switch does not support VLANs
- D. The switch is running in LACP passive mode

Answer: ([SHOW ANSWER](#))

The Spanning Tree Protocol (STP) is used to prevent loops in a network by designating one active path and blocking redundant paths. If a switch port is up but no traffic is being forwarded, it's likely that the port is in a blocking state due to STP. This means that STP has determined that the port is part of a redundant path and has blocked it to avoid network loops.

NEW QUESTION: 19

You have configured the following on a Core-1 HPE Aruba Networking CX switch for primary and secondary ISP connectivity:

```
Core-1(config)# ip route 0.0.0.0/0 10.1.251.2
```

```
Core-1(config)# ip route 0.0.0.0/0 10.1.252.2 distance 10
```

The default route via 10.1.251.2 stopped working, and no failover happened. The ISP reported a broken fiber on the path of an upstream device.

In what condition should the route failover to the 10.1.252.2 router?

- A. When the uplink-failure-detection enables 10.1.252.2 route.
- B. When the BFD session terminates on 10.1.251.2.
- C. When the default route graceful-restart timer expires.
- D. When the 10.1.251.2 is no longer in the routing table.

Answer: D ([LEAVE A REPLY](#))

Static route failover occurs only when the preferred static route is removed from the routing table.

If the next hop 10.1.251.2 remains reachable at Layer 2/Layer 3 on the local link, the switch keeps the primary default route installed even if there is an upstream failure, so the secondary route is not selected until the primary route is no longer present in the routing table.

NEW QUESTION: 20

What does the show logging command display on an Aruba switch?

- A. Running configuration
- B. VLAN assignments
- C. System logs and event messages
- D. IP routing table

Answer: ([SHOW ANSWER](#))

The show logging command on an Aruba switch is used to display the system logs and event messages. These logs typically include information about the switch's operation, errors, system events, warnings, and other messages related to the switch's performance and health. This command helps administrators monitor and troubleshoot the switch.

NEW QUESTION: 21

What is a valid way to explain the benefits of HPE Aruba Networking Central?

- A. The switch firmware repository is provided as a central TFTP service.
- B. Users can schedule when HPE Aruba Networking Central upgrades are committed.
- C. SNMPv3 is used for secure polling of the switch information.

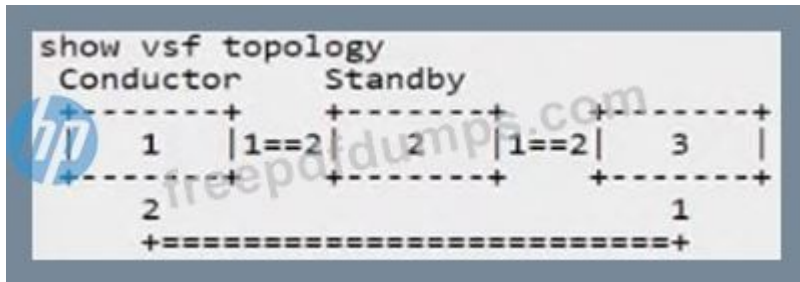
D. The platform utilizes micro-architecture design.

Answer: B (LEAVE A REPLY)

Aruba Central allows administrators to schedule software and firmware upgrades, giving control over when updates are applied to network devices for minimal disruption.

NEW QUESTION: 22

A customer has configured a CX 6200F VSF stack already in use. You are given the following information on the setup:



What steps are required to add a new member to the solution?

- A. A link between members 1 and 3 needs to be disconnected.
- B. The topology of the configuration needs to be set to chain.
- C. The VSF link 2 on member 1 must be reconfigured to support new members.
- D. The new member needs to be pre-provisioned as a standby.

Answer: D (LEAVE A REPLY)

To add a new member to an existing CX 6200F VSF stack, the new switch must be pre- provisioned as a standby member. This ensures it can correctly join the existing VSF topology and integrate into the stack without disrupting current operations.

NEW QUESTION: 23

Drag and Drop Question

Match the device stacking/clustering features to the correct device family when selecting an HPE Aruba Networking CX switch series for a use case where a device failure needs to be protected by utilizing HPE Aruba Networking OS capabilities. (Matches may be used more than once.)

Answer Area		
VSF - 10 members		CX 6200
VSX		CX 8100
VSF - 8 members		CX 6100
None		CX 6300
		CX 4100i

Answer:

Answer Area		
VSF - 10 members	VSF - 10 members	CX 6200
VSX	VSX	CX 8100
VSF - 8 members	VSF - 8 members	CX 6100
None	VSF - 10 members	CX 6300
	None	CX 4100i

Explanation:

The CX 6200 and CX 6300 series support large VSF stacks, enabling multi-member single- control-plane resiliency. The CX 6100 supports VSF with a smaller maximum stack size. The CX

8100 does not support VSF but instead uses VSX, where two independent switches provide redundancy. The CX 4100i does not support VSF or VSX, so no OS-based device redundancy is available.

NEW QUESTION: 24

A new firewall for the default gateway is connected to a CX 6300 switch. The security administrator has requested that you configure the L3 switch without a bridged port.

How can this be done on an HPE Aruba Networking switch?

interface 1/1/1

A. no routing

ip address 10.10.10.1/29

no shutdown

interface 1/1/1

B. routing

vlan access

ip address 10.10.10.1/29

no shutdown

interface 1/1/1

C. routing

ip address 10.10.10.1/29

no shutdown

interface 1/1/1

D. no routing

vlan access

ip address 10.10.10.1/29

no shutdown

Answer: (SHOW ANSWER)

To configure a CX 6300 switch port as a routed L3 interface without bridging, you enable routing on the interface and assign an IP address, while also configuring it as an access VLAN if needed and ensuring the interface is not shut down.

NEW QUESTION: 25

What is considered a secure protocol?

A. HTTP

B. Telnet

C. SNMPv3

D. TFTP

Answer: C (LEAVE A REPLY)

SNMPv3 is considered secure because it supports authentication and encryption, protecting management traffic from unauthorized access and eavesdropping.

NEW QUESTION: 26

Which statement about VLANs is true?

- A. A Layer-2 switch cannot forward traffic between VLANs.
- B. A switch port can have more than one native VLAN.
- C. Each interface can be assigned a single VLAN only.
- D. VLANs can be configured to reduce the number of broadcast domains.

Answer: D (LEAVE A REPLY)

VLANs logically segment a network into separate broadcast domains, reducing unnecessary broadcast traffic and improving network efficiency.

NEW QUESTION: 27

Drag and Drop Question

Match each example to the corresponding security concept.

Accounting

Authentication

Authorization

Role-based Access Control

Answer Area

Alice has entered the correct password.

An auditor is granted read-only access to create a compliance report.

Bob is permitted to run the CLI command 'show running-config' only

Trudy modified the switch config via CLI on Tuesday the 2nd of July 2024.

Answer:

Accounting

Authentication

Authorization

Role-based Access Control

Answer Area

Authentication

Authorization

Role-based Access Control

Accounting

Alice has entered the correct password.

An auditor is granted read-only access to create a compliance report.

Bob is permitted to run the CLI command 'show running-config' only

Trudy modified the switch config via CLI on Tuesday the 2nd of July 2024.

Explanation:

Authentication verifies a user's identity by validating credentials. Authorization defines what level of access a verified user is granted. Role-based access control enforces permissions based on assigned roles and allowed commands. Accounting records and tracks user actions for auditing and accountability purposes.

NEW QUESTION: 28

Which is an example of half-duplex communication?

- A. Telephone system
- B. Fibre-optic pair
- C. FM radio broadcast
- D. Push-to-talk radio

Answer: D ([LEAVE A REPLY](#))

Push-to-talk radios operate in half-duplex mode, allowing communication in only one direction at a time while the other party waits to respond.

NEW QUESTION: 29

Users complain about poor call quality when using Microsoft Teams when the network is busy.

Which feature should you configure to address the issue?

- A. ZTP
- B. IGMP
- C. CoS
- D. QoS

Answer: ([SHOW ANSWER](#))

Quality of Service prioritizes latency-sensitive traffic such as voice and video, ensuring that applications like Microsoft Teams receive sufficient bandwidth and low latency even when the network is congested.

NEW QUESTION: 30

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 ([LEAVE A REPLY](#))

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.

NEW QUESTION: 31

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: ([SHOW ANSWER](#))

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.

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NEW QUESTION: 32

Drag and Drop Question

Select the correct order for routing protocol administrative distance with the most preferred one on the top.

Routing Protocol

Order

Static route

OSPF

External BGP

Directly connected

>

<

↑

↓

Answer:

Routing Protocol

Order

>

<

↑

↓

Directly connected

Static route

OSPF

External BGP

Explanation:

Routing protocols are preferred based on administrative distance, with directly connected interfaces being the most trusted, followed by static routes, OSPF, and finally external BGP having the highest administrative distance and least preference.

NEW QUESTION: 33

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 (LEAVE A REPLY)

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.

NEW QUESTION: 34

A technician has just installed a new 550-series access point, which is cabled back to a CX 6100- series switch. However, there are no lights on the AP.

What could cause this?

- A. The wrong VLAN has been configured.
- B. STP has not been configured.
- C. The cable is faulty.
- D. The AP can't connect to HPE Aruba Networking Central.

Answer: C (LEAVE A REPLY)

If there are no lights on the AP, the most likely cause is a physical layer issue, such as a faulty cable preventing power (PoE) and connectivity.

NEW QUESTION: 35

Refer to the exhibit:

Central admin state	: disabled
Central location	: N/A
VRF for connection	: N/A
Shared Token	: N/A
Central connection status	: N/A
Central source	: N/A
Central source connection status	: N/A
Central source last connected on	: N/A
System time synchronized from Activate	: N/A
Activate Server URL	: N/A
CLI location	: N/A
CLI VRF	: N/A
Source IP	: N/A
Source IP Overridden	: False
Central support mode	: disabled

What information is provided based on this output?

- A. The switch does not have a valid support contract.
- B. HPE Aruba Networking Central has been manually disabled on the switch.
- C. HPE Aruba Networking Central configuration is in the factory default.
- D. The switch does not have management VRF defined for connectivity.

Answer: B (LEAVE A REPLY)

The output shows that the Central admin state and support mode are disabled, indicating that HPE Aruba Central has been manually turned off on the switch.

NEW QUESTION: 36

Based on the example below:

```
show vsf
Force Autojoin           : Disabled
Autojoin Eligibility Status: Not Eligible
MAC Address              : ec:67:94:c4:77:80
Secondary                : 2
Topology                 : Ring
Status                   : No Split
Split Detection Method    : mgmt
```

Mbr ID	Mac Address	type	Status
1	ec:67:94:c4:77:80	R8Q69A	Conductor
2	ec:67:94:c4:37:80	R8Q69A	Standby
3	ec:67:94:c5:7f:80	R8Q68A	Member

What happens if the VSF link between members 1 and 2 is disconnected?

- A. The member 2 is promoted to Conductor role.
- B. The VSF stack is split and members 2 and 3 remain operational.
- C. The VSF stack is split and member 1 remains operational.
- D. The VSF stack remains fully operational.

Answer: (SHOW ANSWER)

The VSF topology is configured as a ring, which provides link redundancy between members. If the link between members 1 and 2 is disconnected, connectivity is still maintained through member 3, so the stack does not split and remains fully operational.

NEW QUESTION: 37

Based on the example below:

```
show vsf
Force Autojoin           : Disabled
Autojoin Eligibility Status: Not Eligible
MAC Address              : ec:67:94:c4:77:80
Secondary                : 2
Topology                 : Ring
Status                   : No Split
Split Detection Method    : mgmt
```

Mbr ID	Mac Address	type	Status
1	ec:67:94:c4:77:80	R8Q69A	Conductor
2	ec:67:94:c4:37:80	R8Q69A	Standby
3	ec:67:94:c5:7f:80	R8Q68A	Member

How is the VSF integrity verified if the VSF links between members 1 and 3 + 2 and 3 are disconnected?

- A. The management port is used for multi-active detection.
- B. The VSF will detect a split when the topology: ring changes to chain .
- C. The peer-switch-based detection will be used.
- D. The VSF has been configured with no split, and remains operational on member.

Answer: A (LEAVE A REPLY)

The output shows that the split detection method is set to mgmt, which means the management port is used for multi-active detection. If the VSF links between members are disconnected, VSF integrity is verified using the management network to detect and prevent a split-brain condition.

NEW QUESTION: 38

A senior network engineer has requested you update the CX 6100 OS image for the ZTP deployment. Select the correct statement for the task requirement.

- A. You must change the desired software URL for the ASP path and correct the DHCP options.
- B. You must download the desired software version from ASP and host the file on a TFTP server.
- C. You must change the desired software version in the Aruba Active to match the CX switch version.
- D. You must change the desired software version for the unprovisioned switches group in HPE Aruba Networking Central.

Answer: D (LEAVE A REPLY)

For ZTP deployments, the desired OS version for unprovisioned CX 6100 switches is configured in Aruba Central, ensuring that switches automatically download and install the correct software during initial provisioning.

NEW QUESTION: 39

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 (LEAVE A REPLY)

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.

NEW QUESTION: 40

You are planning a 40Gbps link between two sites 35km apart. What type of cable will be required?

- A. ZTP
- B. Single-mode fiber
- C. UTP
- D. Multi-mode fiber

Answer: B (LEAVE A REPLY)

A 40 Gbps link over a distance of 35 km requires single-mode fiber, which is designed to support high-speed optical transmission over long distances without significant signal loss.

NEW QUESTION: 41

Identify the type of fiber optic connector type shown below:



- A. ST
- B. MPO
- C. LC
- D. SC

Answer: C ([LEAVE A REPLY](#))

The image shows LC (Lucent Connector) fiber connectors, which are small form-factor connectors commonly used for high-density fiber optic applications.

NEW QUESTION: 42

You have access to the CLI of an HPE Aruba Networking CX switch. How can you output the switch make, model, and serial number displayed on the session?

- A. Issue command:
show support-information
- B. Issue command:
diag dump basic
- C. Issue command:
show configuration
- D. Issue command:
show system

Answer: D ([LEAVE A REPLY](#))

The show system command displays key hardware and system information on a CX switch, including the vendor, model, and serial number, directly in the CLI session.

NEW QUESTION: 43

You are checking the interface details for an Access Point that cannot reach HPE Aruba Networking Central. After reviewing the following output, which statement is true?

```
Interface 1/1/16 is down
Admin state is up
State information: Waiting for link
Link state: down for 5 seconds (since Sat Jun 01 00:21:03 UTC 2024)
Link transitions: 0
Description:
Hardware: Ethernet, MAC Address: 38:bd:7a:6d:73:7f
MTU 1500
Type 1GbT
Full-duplex
qos trust dscp
Speed 0 Mb/s
Auto-negotiation is on
Energy-Efficient Ethernet is disabled
Flow-control: off
Error-control: off
MDI mode: none
VLAN Mode: native-untagged
Native VLAN: 10
Allowed VLAN List: 10,20,30
```

- A. Layer-2 QoS markings from the AP will be trusted.
- B. The interface has been administratively disabled.
- C. VLANs 10, 20 and 30 are 802.1 Q tagged.
- D. The link on interface 1/1/16 is not established.

Answer: D ([LEAVE A REPLY](#))

The output shows the admin state is up, but the interface state and link state are down and it is "Waiting for link," which indicates the physical link is not established on interface 1/1/16.

NEW QUESTION: 44

You are about to log a support case with TAC for an issue with your CX switch.

What should you have ready in advance to provide them?

- A. Generated support keys.
- B. A copy of the running firmware.
- C. SSH access over the Internet.
- D. Output of show tech.

Answer: (SHOW ANSWER)

Providing the show tech output gives TAC detailed diagnostic information about the switch's configuration, status, and logs, which is essential for effective troubleshooting.

NEW QUESTION: 45

You have configured a loopback 0 interface on a CX 6300 switch.

What is the route type for the created interface?

- A. Directly connected
- B. Local
- C. Dynamic
- D. Static

Answer: B ([LEAVE A REPLY](#))

A loopback interface is assigned an IP address that is always up and reachable locally, so the associated route is classified as a local route in the routing table.

NEW QUESTION: 46

How do you configure an IP address for the management interface on a CX 6300?

A. interface mgmt

no shutdown

ip static 10.250.136.52/29

default-gateway 10.250.136.49

B. interface mgmt

no shutdown

ip address 10.250.136.52/29

default-gateway 10.250.136.49

C. interface mgmt

no shutdown

ip address 10.250.136.52/29

default-gateway 10.250.136.49

vrf attach mgmt

D. vrf mgmt

!

interface mgmt

no shutdown

ip static 10.250.136.52/29

default-gateway 10.250.136.49

vrf attach mgmt

Answer: D (LEAVE A REPLY)

On a CX 6300, the management interface operates in the dedicated mgmt VRF. The correct configuration uses a static IP address on the mgmt interface and explicitly attaches that interface to the mgmt VRF, ensuring management traffic is properly separated from the data plane.

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