A technician installed a new 550 series access point, which is cabled back to a CX 6000 series switch. However, there are no lights on the AP. What could cause this?

A. STP has not been configured.

B. PoE is disabled on the interface.

C. The AP can't connect to HPE Aruba Networking Central.

D. The wrong VLAN has been configured.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

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

A. operators

B. helpdesk

C. servicedesk

D. support

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

What is considered a secure protocol?

    A. HTTP

    B. Telnet

    C. SNMPv3

    D. TFTP

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which is at the Transport Layer of the OSI model?

    A. IP Address

    B. TCP Port

    C. MAC Address

    D. Switch Port

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which commands can ensure the current configuration persists after a reboot? (Choose two.)

A. commit confirm

B. write memory

C. save force

D. copy startup-config running-config

E. copy running-config startup-config

Suggested Answer: *BE*

Currently there are no comments in this discussion, be the first to comment!

Which statement is true when creating VLANs on an HPE Aruba Networking CX switch?

A. A VLAN range can be created with a syntax of:

vlan 100:110

B. A VLAN range can be created with a syntax of:

vlan 100-110

C. A newly created VLAN needs to be enabled with a command:

vlan 100

enable

D. A newly created VLAN needs to be enabled with a command:

vlan 100

no shutdown

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *AE*

Currently there are no comments in this discussion, be the first to comment!

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

A customer requires a network upgrade to replace their existing core switches. The new solution must support 100G speeds to the aggregation layer, with the ability to scale to a 12U chassis.

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

A. CX 6400

B. CX 10000

C. CX 9300

D. CX8325

Suggested Answer: *B*

Community vote distribution

C (100%)

👤 **4330683** 3 days, 1 hour ago

Selected Answer: C

10000 DC-Switches for microsegmantatoin on orchestra

upvoted 1 times

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 mclag-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

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which statement is true given the IP address 10.64.0.240 and subnet mask 255.255.254.0?

A. 10.64.0.240 is a broadcast address.

B. There are more than 8 bits in the host portion.

C. The network portion of the address is 10.64.

D. The prefix length of the network is /25.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

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
 Rate collection interval: 300 seconds
```

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.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

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.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

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.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

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.

Suggested Answer: C

Currently there are no comments in this discussion, be the first to comment!

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.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

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

Suggested Answer: *D*

Community vote distribution

A (100%)

☐ 👤 **Walker1992** 4 days, 16 hours ago

Selected Answer: A

CX 6200 only supports 10GB

upvoted 1 times

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

      A. ACCEPT

      B. ALLOW

      C. PERMIT

      D. DENY

      E. BLOCK

      F. REJECT

Suggested Answer: *AF*

Currently there are no comments in this discussion, be the first to comment!

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

      A. ACCEPT

      B. ALLOW

      C. PERMIT

      D. DENY

      E. BLOCK

      F. REJECT

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
```
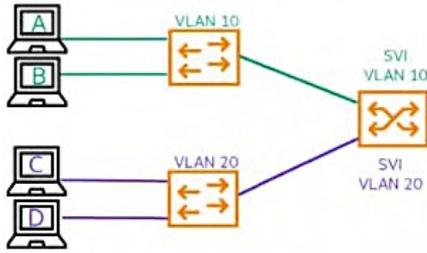
What can be validated based on the provided output?

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

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

How many broadcast domains are shown in the diagram below?

A. 1

B. 2

C. 4

D. 6

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

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.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

At which layer of the OSI model does data segmentation occur?

A. Application Layer

B. Transport Layer

C. Data Link Layer

D. Network Layer

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

When multiple routes exist to the same destination, which would be installed in the routing table?

 A. Default route.

 B. Static route.

 C. Lowest administrative distance.

 D. Highest administrative distance.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

When multiple routes exist to the same destination, which would be installed in the routing table?

 A. Default route.

 B. Static route.

 C. Lowest administrative distance.

 D. Highest administrative distance.

Which attributes are true about UDP? (Choose two.)

A. connectionless

B. requires an established connection

C. used for latency-sensitive traffic

D. uses sequence numbers

E. supports retransmission

Suggested Answer: *AC*

Currently there are no comments in this discussion, be the first to comment!

Your colleague is installing a new HPE Aruba Networking CX 8100 switch in a data center in the default configuration. You monitor the peer switch port 1/1/1 status, connected with a 10Gb 3m DAC cable to the new switch, and validate that the cable is attached. The port remains down.
What should you suggest your colleague do so the port can come online?

A. Request to move the DAC cable to another port on the CX 8100 switch.

B. Request to issue command: no shutdown on the port DAC cable is connected to.

C. Request to issue command: switching enable on the port DAC cable is connected to.

D. Request to swap the DAC cable between the switches for correct Tx/Rx alignment.

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

You are trying to configure VSF on a pair of CX 8325 series switches. What would cause the following error?

Switch-1(config)# vsf member 2 -

Invalid input: vsf -
Switch-1(config)#

    A. CX 8325 series switches do not support VSF.

    B. VSF ports must be physically connected first.

    C. Both of the switches require a firmware update.

    D. VSF must be enabled globally on both switches first.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

The external DHCP server is configured with the IP address 192.168.1.100. The HPE Aruba Networking CX 6300M VSF is the L3 gateway for VLAN 200 clients, which should receive an IP address from the 192.168.200.0/24 subnet using the external DHCP address.
How do you configure the IPv4 DHCP relay on the specific HPE Aruba Networking CX 6300 switch?

A. interface vlan 200
ip address 192.168.200.1/24
ip helper-address 192.168.1.100

B. interface vlan 1
ip address 192.168.200.1/24
ip helper-address 192.168.1.100

C. interface vlan 1
ip address 192.168.200.1/24
dhcp-relay server 192.168.1.100

D. interface vlan 200
ip address 192.168.200.1/24
dhcp-relay server 192.168.1.100

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!