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QUESTIONS & ANSWERS

**DEMO VERSION**

*(LIMITED CONTENT)*

# Question 1

Question Type: MultipleChoice

Which user group exists by default on an HPE Aruba Networking CX 6100 Series switch?

## Options:

A- root
B- managers
C- super-users
D- administrators

## Answer:

D

## Explanation:

The correct answer is D. administrators. HPE Aruba Networking AOS-CX documentation for the 4100i, 6000, and 6100 switch series states that, in addition to user-defined local groups, there are three built-in user groups: administrators, operators, and auditors. The documentation also states that the default admin account belongs to the administrators group. This makes administrators the only valid default group among the answer choices. Option A, root, is not listed as a built-in AOS-CX user group. Option B, managers, is not one of the default AOS-CX groups. Option C, super-users, is also not listed as a built-in group. These names may appear in other systems or older platforms, but on HPE Aruba Networking CX 6100 switches, the built-in local user groups are administrators, operators, and auditors. Therefore, the correct default user group from the listed options is administrators.

# Question 2

Question Type: MultipleChoice

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

## Options:

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

## Answer:

A, E

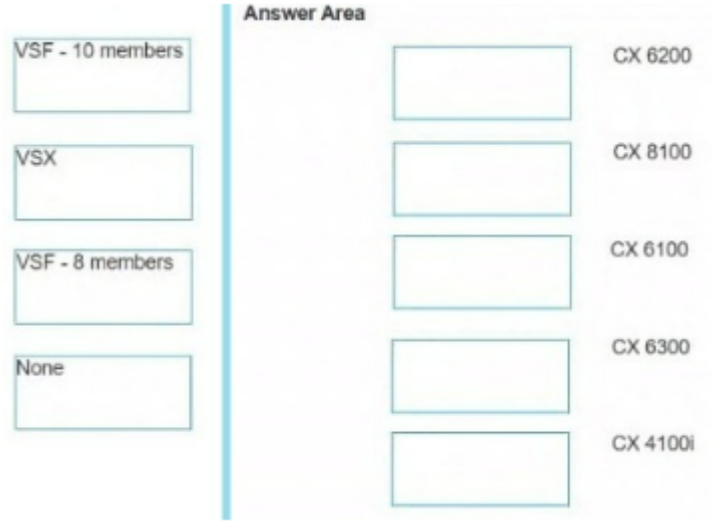
## Explanation:

The correct answers are A and E. HPE Aruba Networking AOS-CX switches support RADIUS and TACACS+ for controlling administrative access. HPE Aruba Networking security documentation describes remote AAA authentication and authorization using RADIUS or TACACS+ servers. These protocols allow administrative logins and command authorization to be managed centrally instead of relying only on local switch users. RADIUS is commonly used for authentication, authorization, and accounting services, while TACACS+ is especially useful for administrative access control because it can provide command authorization and accounting. LDAP, Diameter, and SAML are not the correct answers for the AOS-CX administrative access control protocols listed in this question. LDAP is a directory protocol, Diameter is an AAA protocol used in other service-provider contexts, and SAML is commonly used for web-based single sign-on, but they are not the two AOS-CX switch administrative access protocols being tested here. (arubanetworking.hpe.com)

# Question 3

Question Type: DragDrop

Match the device stacking or clustering feature to the correct HPE Aruba Networking CX switch series when selecting a switch family for a use case where device failure needs to be protected by using HPE Aruba Networking OS capabilities. Matches may be used more than once.




## Answer:

See the Answer in the Premium Version!

# Question 4

Question Type: MultipleChoice

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 Mac Address Type Status

ID

--- ------------------ ------- ----------

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

```
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 Mac Address         type           Status
ID
--- ------------------ -------------- ----------
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?

## Options:

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

## Answer:

B

## Explanation:

The correct answer is B. Member 2 becomes Conductor. In the shown VSF stack, member 1 is currently the Conductor, member 2 is the Standby, and member 3 is a regular Member. HPE Aruba Networking VSF documentation explains that the Conductor runs the control plane for the VSF stack, while the Standby keeps a synchronized copy of the Conductor's configuration database. If the Conductor fails or reboots, the Standby takes over the Conductor role to maintain stack operation. Since the output explicitly shows member 2 as the Standby, member 2 is the member expected to become the new Conductor when member 1 reboots. Option A is incorrect because member 2 is already Standby before the reboot. Option C is incorrect because member 3 is only a normal Member and would not take over while a Standby exists. Option D is not the best answer because the immediate role transition asked by the question is the Standby becoming Conductor.

# Question 5

Question Type: MultipleChoice

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?

## Options:

A- CX 6400
B- CX 10000
C- CX 9300
D- CX 8325

## Answer:

A

## Explanation:

The correct answer is A. CX 6400. The requirement calls for a chassis-based core switch that can scale to a 12U chassis and support 100G speeds toward the aggregation layer. HPE Aruba Networking CX 6400 QuickSpecs identify the CX 6400 as a modular switch family and include the larger CX 6410 chassis option, which is a 10-slot chassis platform. HPE also lists CX 6400 40/100GbE QSFP28 line modules, which provide the required 100G connectivity. This makes CX 6400 the correct fit for a chassis solution that can scale to the requested physical size and provide 100G uplinks. The CX 10000, CX 9300, and CX 8325 are fixed-form-factor platforms, not modular chassis solutions, so they do not match the stated chassis requirement. Therefore, the best initial proposal is the HPE Aruba Networking CX 6400.

# Question 6

Question Type: MultipleChoice

Which user group exists by default on an HPE Aruba Networking CX 8400 Series switch?

## Options:

A- operators
B- helpdesk
C- servicedesk
D- support

## Answer:

A

## Explanation:

The correct answer is A. operators. HPE Aruba Networking AOS-CX documentation for the CX 8400 identifies built-in user groups that exist by default on the switch. These include administrators, operators, and auditors. The operators group has limited privileges, such as basic display-only CLI access and the ability to view nonsensitive switch configuration information. It does not have full switch configuration privileges. The other options---helpdesk, servicedesk, and support---are not listed as built-in default user groups for the CX 8400. Those names could be created manually as custom local user groups in some environments, but they are not default AOS-CX groups. Therefore, from the available choices, the default group is operators.

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