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# Question 1

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**Question Type:** MultipleChoice

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A network engineer is examining NAE graphs from the Dashboard but notices that the time shown in the graph does not represent the current time. The engineer verifies that the AOS-CX switch is configured for NTP and is successfully synchronized. What should be done to fix this issue?

## Options:

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- A-** Ensure the engineer's web browser is configured for the same timezone as the AOS-CX switch
- B-** Ensure the engineer's PC is synchronized to the same NTP server as the AOS-CX switch
- C-** Ensure NetEdit and the AOS-CX switch are synchronized to the same NTP server
- D-** Enable trust settings for the AOS-CX switch's SSL certificate

## Answer:

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B

## Explanation:

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[https://techhub.hpe.com/eginfolib/Aruba/OS-CX\\_10.04/5200-6724/index.html#GUID-2048A4D8-5458-4C00-ACA7-8C392182215E.html](https://techhub.hpe.com/eginfolib/Aruba/OS-CX_10.04/5200-6724/index.html#GUID-2048A4D8-5458-4C00-ACA7-8C392182215E.html)

## Question 2

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**Question Type:** MultipleChoice

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An administrator is managing a pair of core AOS-CX switches configured for VSX. Connected to this core are pairs of aggregation layer AOS-CX switches configured for VSX. OSPF is running between the aggregation and core layers. To speed up OSPF convergence, the administrator has configured BFD between the core and aggregation switches.

What is a best practice the administrator should implement to reduce CPU processing on the switches if a BFD neighbor fails?

### Options:

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- A- Disable ICMP redirects
- B- Implement graceful restart
- C- Increase the BFD echo timers
- D- Increase the VSX keepalive timer

### Answer:

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A

## Question 3

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**Question Type:** MultipleChoice

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How does PIM build the IP multicast routing table to route traffic between a multicast source and one or more receivers?

### Options:

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- A- It uses the unicast routing table and reverse path forwarding (RPF)
- B- It uses IGMP and calculates a shortest path tree (SPT)
- C- It uses the shortest path first (SPF) algorithm derived from link state protocols
- D- It uses the Bellman-Ford algorithm derived from distance vector protocols

### Answer:

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A

### Explanation:

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PIM also relies on the unicast routing tables to identify the path back to a multicast source. This routing method is known as reverse path forwarding (RPF). The unicast routing protocols create the unicast routing tables. With this information, PIM sets up the distribution tree for the multicast traffic.

## Question 4

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**Question Type:** MultipleChoice

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A network engineer for a company with 896 users across a multi-building campus wants to gather statistics on an important switch uplink and create actions based on issues that occur on the uplink. How often does an NAE agent gather information from the current state database in regard to the uplink interfaces?

### Options:

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- A- Once every 60 seconds
- B- Once every 1 second
- C- Once every 30 seconds
- D- Once every 5 seconds

**Answer:**

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D

## Question 5

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**Question Type:** MultipleChoice

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A network administrator is implementing NAE on AOS-CX switches. When attempting to create an agent on a particular switch, the agent appears in the NAE Agents panel with a red triangle error symbol and a status of "Unknown".

What is the cause of this issue?

**Options:**

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- A-** The administrator does not have the appropriate credentials to interact with NAE
- B-** The number of scripts or agents has exceeded the hardware's capabilities
- C-** A connectivity issue exists between NAE and the AOS-CX switch
- D-** The RESTful API has not been enabled on the AOS-CX switch

**Answer:**

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B

**Explanation:**

[https://www.arubanetworks.com/techdocs/AOS-CX/10.06/HTML/5200-7717/Content/Chp\\_TS/err-nae-age-not-cre-db-con-vio-err.htm](https://www.arubanetworks.com/techdocs/AOS-CX/10.06/HTML/5200-7717/Content/Chp_TS/err-nae-age-not-cre-db-con-vio-err.htm)

## Question 6

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**Question Type: MultipleChoice**

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The network is configured for OSPF with the following attributes:

Core1 and Core2 and ABRs

Area 1 has 20 networks in the 10.1.0.0/16 range

Area 0 has 10 networks in the 10.0.0.0/16 range

Area 2 has 50 networks in the 10.2.0.0/16 range

The ASBR is importing a static route into Area 1

Core2 has a summary for Area 2: area 0.0.0.2 range 10.2.0.0/16 type inter-area

Here is the OSPF configuration performed on Core1:

```
Core1(config)# router ospf 1
Core1(config-router)# router-id 10.0.0.1
Core1(config-router)# passive-interface default
Core1(config-router)# area 0.0.0.0
Core1(config-router)# area 0.0.0.1 stub
Core1(config-router)# area 0.0.0.1 range 10.1.0.0/16 type inter-area
Core1(config-router)# area 0.0.0.2
Core1(config-router)# area 0.0.0.0 range 10.0.0.0/16 type inter-area
Core1(config-router)# exit
Core1(config)# interface vlan 10
Core1(config-if)# ip address 10.0.1.1/24
Core1(config-if)# ip ospf 1 area 0
Core1(config-if)# exit
Core1(config)# interface vlan 100
Core1(config-if)# ip address 10.1.1.1/24
Core1(config-if)# ip ospf 1 area 1
Core1(config-if)# exit
```

Based on the above information, what is correct?

### Options:

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- A- Area 0 has 13 routes
- B- Core1 has no OSPF routes



**C-** Core1 has received one LSA Type 5 from the ASBR

**D-** Area 1 has 23 routes

**Answer:**

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D

## Question 7

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**Question Type: MultipleChoice**

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A company has just purchased AOS-CX switches. The company has a free and open-source AAA solution.

The company wants to implement access control on the Ethernet ports of the AOS-CX switches.

Which security features can the company implement given the equipment that they are using?

**Options:**

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**A-** Port-based tunneling

**B-** Device fingerprinting

**C-** Local user roles

**D-** Downloadable user roles

**Answer:**

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C

## Question 8

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**Question Type: MultipleChoice**

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A network has two AOS-CX switches connected to two different service providers. The administrator is

concerned about bandwidth consumption on the service provider links and learned that the service providers were using the company as a transit AS.

Which feature should the administrator implement to prevent this situation?

**Options:**

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**A-** Configure route maps and apply them to BGP

- B-** Configure the two switches as route reflectors
- C-** Configure a classifier policy to disable MED
- D-** Configure bi-directional forwarding detection on both switches

**Answer:**

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A

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