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QUESTION 1

A company uses NetEdit to manage a network of 700 AOS-CX switches and approximately 1,000 other SNMP-capable devices.

Which management solution should the company use to monitor all the devices, as well as see a topology picture of how all the devices are connected together?

A. NetEdit

B. Aruba AirWave

C. Aruba Activate

D. Network Analysis Engine (NAE)

Correct Answer: A

QUESTION 2

MAC authentication is enabled on port 1/1/27 of an AOS-CX switch. The following MAC addresses are defined on the AAA server:

*

88:3a:30:97:b6:00

*

00:50:56:b1:fc:9b

Examine the AOS-CX switch output:

```
Switch# show mac-address-table detail
MAC age-time             : 300 seconds
Number of MAC addresses : 10

MAC Address         VLAN  Type                  Port    Age  Denied  never_ageout
-------------------------------------------------------------------------------
20:4c:03:5f:98:02   1     dynamic               lag256  300  false   false
88:3a:30:97:b6:00   11    port-access-security  1/1/27  300  false   false
00:50:56:b1:fc:9b   11    port-access-security  1/1/27  300  true    false
02:02:00:00:12:00   11    dynamic               lag256  300  false   false
90:20:c2:bc:17:00   11    dynamic               lag256  300  false   false
```

Based on this information, what is true concerning port 1/1/27?

A. Device-mode is enabled with a client limit of 1.

B. Device-mode is enabled with a client limit of 2.

C. Client-mode is enabled with a client limit of 1.

D. Client-mode is enabled with a client limit of 2.

Correct Answer: C

Explanation: https://www.arubanetworks.com/techdocs/AOS-CX/AOSCX-CLI-Bank/cli_6300-6400/Content/Chp_Port_acc/Port_acc_rol_cmds/aut-mod-fl-10.htm

client-mode = Selects client mode. In this mode, all clients connecting to the port are sent for authentication.

device-mode = Selects device mode. In this mode, only the first client connecting to the port is sent for authentication. Once this client is authenticated, the port is considered as open and all subsequent clients trying to connect on that port

are not sent for authentication.

QUESTION 3

An administrator wants to leverage the Network Analysis Engine (NAE) feature on AOS-CX switches to perform root cause analysis and to assist in quickly identifying problems. Which two AOS-CX databases does the administrator have access to when implementing scripts? (Select two.)

A. Time-series

B. API

C. VSX

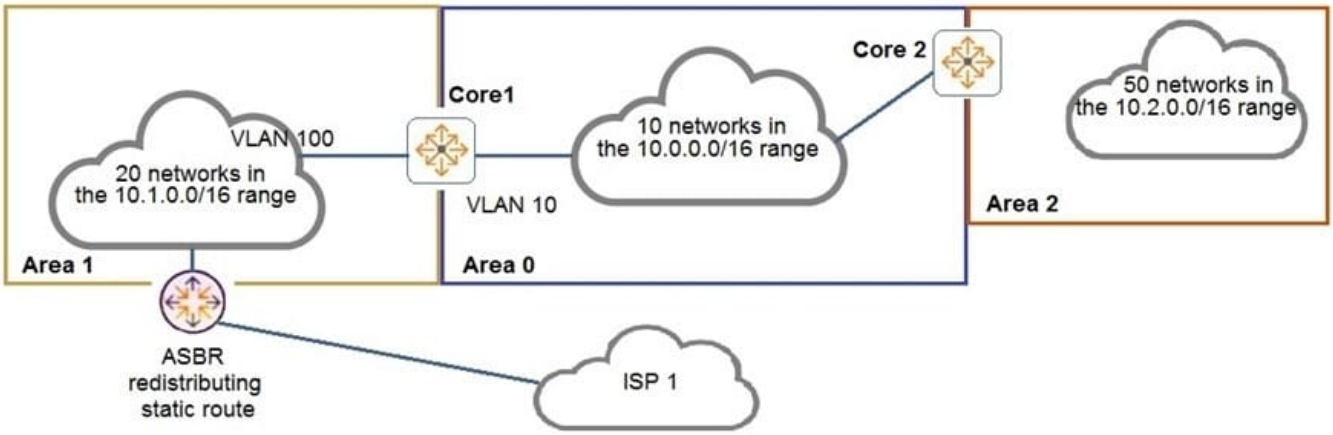
D. Configuration

E. Audit

Correct Answer: AC

QUESTION 4

Examine the network topology.



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: Based on the above information, what is correct?

```
router ospf 1
  router-id 10.0.0.1
  area 0.0.0.0
  area 0.0.0.1 stub
  area 0.0.0.1 range 10.1.0.0/16 type inter-area
  area 0.0.0.2
  area 0.0.0.0 range 10.1.0.0/16 type inter-area
  exit
interface vlan 10
  ip ospf 1 area 0
  exit
interface vlan 100
  ip ospf 1 area 1
  exit
```

A. ISP 1 is not reachable from any area.

B. Corel has received one type 5 LSA from the ASBR.

C. Area 0 has 81 routes

D. Area 1 has 23 routes

Correct Answer: C

QUESTION 5

Which protocols are used by NetEdit to interact with third-party devices? (Choose two.)

A. telnet

B. SNMP

C. SSH

D. Restful API

E. CDP

Correct Answer: BC

QUESTION 6

What is required when implementing captive portal an AOS-CX switches?

A. Certificate installed on the switch

B. Web server running on the switch

C. Device fingerprinting

D. AAA server

Correct Answer: D

QUESTION 7

When implementing deficit weighted round robin queuing, what importance does the weight value have?

A. Prioritizing latency-sensitive traffic

B. Queue priority in processing traffic

C. Strict priority queue

D. Percentage of interface bandwidth

Correct Answer: B

QUESTION 8

An administrator will be implementing tunneling between AOS-CX switches and Aruba gateways. Which list of protocols must minimally be allowed by an intermediate firewall between two sets of devices?

A. IP protocol 50 and UDP 8209

B. UDP 4500 and IP protocol 47

C. UDP 8211 and IP protocol 47

D. UDP 4500 and UDP 8209

Correct Answer: C

Explanation: ACSP Study Guide Page 788 - Allow the following protocols/ports

-PAPI: UDP 8211

-GRE: Protocoll 47

QUESTION 9

Examine the VSX-related configuration of the core layer AOS-CX switch:

```
ICX-Tx-Core1(config)# vrf KA
ICX-Tx-Core1(config)# interface 1/1/45
ICX-Tx-Core1(config-if-1/1/45)# no shutdown
ICX-Tx-Core1(config-if-1/1/45)# vrf attach KA
ICX-Tx-Core1(config-if-1/1/45)# ip address 192.168.0.0/31
ICX-Tx-Core1(config-if-1/1/45)# exit
ICX-Tx-Core1(config)# interface lag 256
ICX-Tx-Core1(config-if)# no shutdown
ICX-Tx-Core1(config-if)# no routing
ICX-Tx-Core1(config-if)# vlan trunk native 1
ICX-Tx-Core1(config-if)# vlan trunk allowed all
ICX-Tx-Core1(config-if)# lacp mode active
ICX-Tx-Core1(config-if)# exit
ICX-Tx-Core1(config)# interface 1/1/46-1/1/47
ICX-Tx-Core1(config-if-<1/1/46-1/1/47>)# mtu 9198
ICX-Tx-Core1(config-if-<1/1/46-1/1/47>)# exit
ICX-Tx-Core1(config)# vsx
ICX-Tx-Core1(config-vsx)# inter-switch-link lag 256
ICX-Tx-Core1(config-vsx)# role primary
ICX-Tx-Core1(config-vsx)# vsx-sync vsx-global
ICX-Tx-Core1(config-vsx)# exit
ICX-Tx-Core1(config)# vsx
ICX-Tx-Core1(config-vsx)# keepalive peer 192.168.0.1 source 192.168.0.0 vrf KA
ICX-Tx-Core1(config-vsx)# exit
ICX-Tx-Core1(config)# interface lag 1 multi-chassis
ICX-Tx-Core1(config-lag-if)# no routing
ICX-Tx-Core1(config-lag-if)# vlan access 1
ICX-Tx-Core1(config-lag-if)# lacp mode active
ICX-Tx-Core1(config-lag-if)# exit
ICX-Tx-Core1(config)# int 1/1/1
ICX-Tx-Core1(config-if)# description access1
ICX-Tx-Core1(config-if)# lag 1
ICX-Tx-Core1(config-if)# no shutdown
ICX-Tx-Core1(config-if)# exit
```

A network administrator is troubleshooting a connectivity issue involving the VSX LAG (link aggregation) between the core and access layer switch, during HW replacement of one of the core switches. Which configuration should the administrator add to the core switch to fix this issue?

A. ICX-Tx-Core1(config)# vsx ICX-Tx-Core1(config-vsx)# system-mac 02:01:00:00:01:00

B. ICX-Tx-Core1(config)# interface lag 1 multi-chassis ICX-Tx-Core1(config-if-lag-if)# mtu 9198

C. ICX-Tx-Core1(config)# interface 1/1/46-1/1/47 ICX-Tx-Core1(config-if-vlan)# active-gateway ip 10.1.11.1 mac 02:02:00:00:01:00

D. ICX-Tx-Core1(config)# interface 1/1/45 ICX-Tx-Core1(config-if-vlan)# active-gateway ip 192.168.0.0 mac 02:02:00:00:01:00

Correct Answer: D

QUESTION 10

Which concept is implemented using Aruba\\'s dynamic segmentation?

A. Root of trust

B. Device fingerprinting

C. Zero Touch Provisioning

D. Colorless port

Correct Answer: D

QUESTION 11

The company has just upgraded their access layer switches with AOS-CX switches and implemented an AAA solution with ClearPass. The company has become concerned about what actually connects to the user ports on the access layer switch, Therefore, the company is implementing 802.1X authentication on the AOS-CX switches. An administrator has globally enabled 802.1X, and has enabled it on all the access ports connected to user devices, including VoIP phones, security cameras, and wireless Aruba IAPs. Wireless users are complaining that they successfully authenticate to the IAPs; however, they do not have access to network resources. Previously, this worked before 802.1X was implemented on the AOS-CX switches.

What should the company do to solve this problem?

A. Implement device-based mode on the IAP-connected AOS-CX switch ports.

B. Implement local user roles and local forwarding on the AOS-CX switches.

C. Implement downloadable user roles and user-based tunneling (UBT) on the AOS-CX switches.

D. Implement AAA RADIUS change of authorization on the AOS-CX switches.

Correct Answer: C

QUESTION 12

A network administrator is installing NetEdit. In order for NetEdit to manage the AOS-CX switches in the network, what must be defined on the AOS-CX switches? (Choose two.)

A. Enabling telnet

B. Defining an admin user password

C. Defining the https user-group

D. Enabling the RESTful API for read and write access

E. Enabling SFTP

Correct Answer: BD

QUESTION 13

What is a best practice concerning voice traffic and dynamic segmentation on AOS-CX switches?

A. Controller authentication and user-based tunneling of the voice traffic

B. Switch authentication and user-based tunneling of the voice traffic

C. Controller authentication and port-based tunneling of the voice traffic

D. Switch authentication and local forwarding of the voice traffic

Correct Answer: D

QUESTION 14

An administrator wants to drop traffic from VLAN 6 (10.1.6.0/24) to VLAN 5 (10.1.5.0/24), but allow all other traffic. What is correct configuration to accomplish this?

A.

```
class ip VLAN5
   10 match ip 10.1.6.0/24 10.1.5.0/24
   exit
policy VLAN5
   10 class ip VLAN5 action drop
   exit
interface vlan 5
   apply access-list ip VLAN5 in
```

B.

```
access-list ip VLAN5
    10 permit ip 10.1.6.0/0.0.0.255 10.1.5.0/0.0.0.255
    20 permit ip any any
    exit
interface vlan 5
   apply access-list ip
   VLAN5 in
   exit
```

C.

```
access-list ip VLAN5
    10 deny ip 10.1.6.0/24 10.1.5.0/24
    20 permit ip any any
    exit
interface vlan 5
   apply access-list ip VLAN5 in
   exit
```

D.

```
class ip VLAN5
   10 match ip 10.1.6.0/24 10.1.5.0/24
   exit
policy VLAN5
   10 class ip VLAN5 action drop
   exit
vlan 5
   apply policy VLAN5 in
```

A. Option A

B. Option B

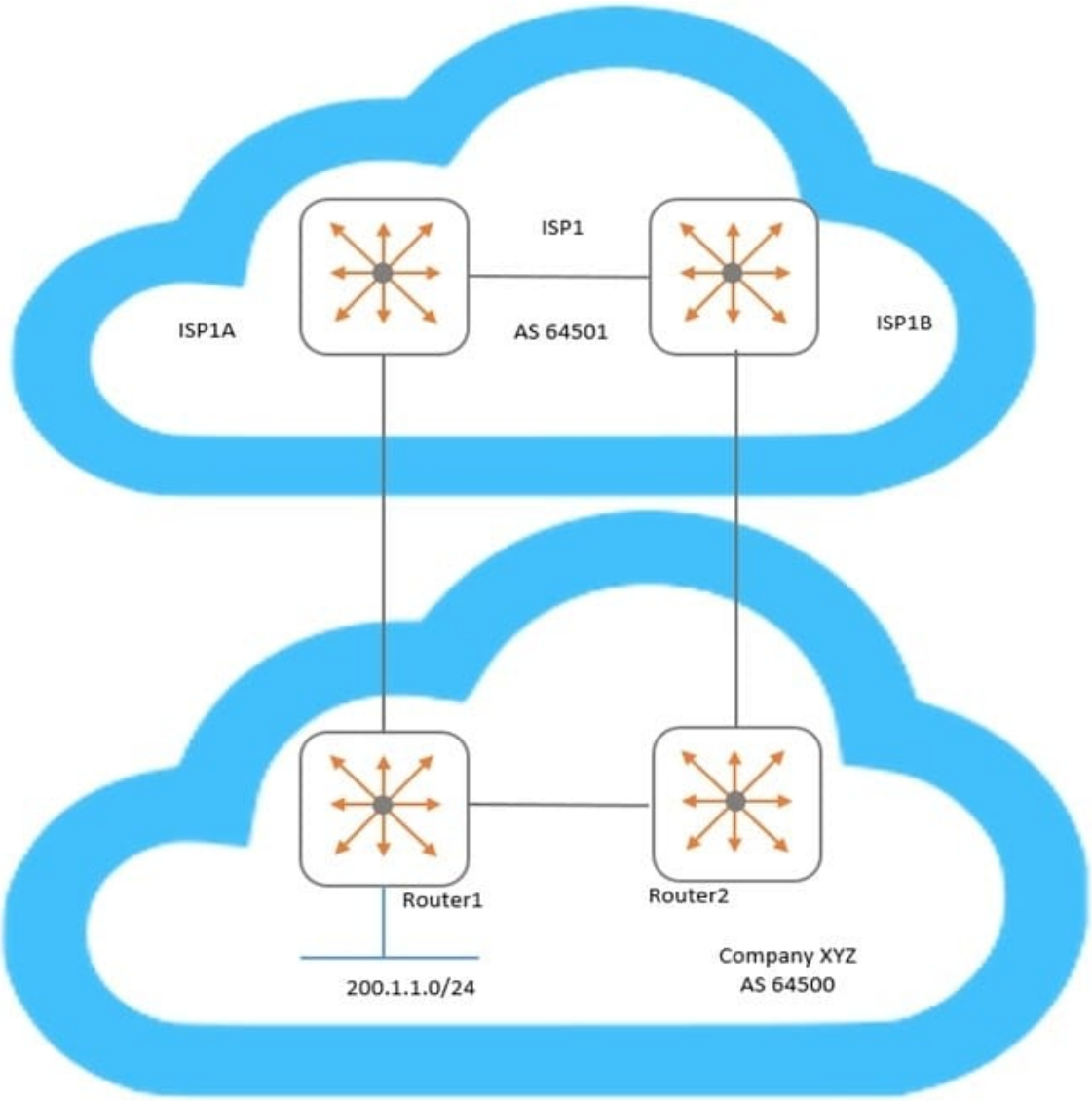
C. Option C

D. Option D

Correct Answer: C

QUESTION 15

Examine the network topology.



Company XYZ has two connections to a service provider (ISP1). Here is the configuration of Router1:

```
Router1(config)# ip prefix-list AS64500-routes permit 200.1.1.0/24
Router1(config)# route-map To-AS64501 permit seq 10
Router1(config-route-map)# match ip address prefix-list AS64500-routes
Router1(config-route-map)# set metric 100
Router1(config-route-map)# exit
Router1(config)# router bgp 64500
Router1(config-bgp)# address-family ipv4 unicast
Router1(config-bgp-ipv4-uc)# neighbor 192.168.1.1. route-map To-AS64501 out
```

Here is the configuration of Router2:

```
Router2(config)# ip prefix-list AS64500-routes permit 200.1.1.0/24
Router2(config)# route-map To-AS64501 permit seq 10
Router2(config-route-map)# match ip address prefix-list AS64500-routes
Router2(config-route-map)# set metric 200
Router2(config-route-map)# exit
Router2(config)# router bgp 64500
Router2(config-bgp)# address-family ipv4 unicast
Router2(config-bgp-ipv4-uc)# neighbor 192.168.2.1. route-map To-AS64501 out
```

Based on configuration of Router1 and Router2, which BGP metric is being manipulated?

A. Weight

B. Multiple exit discriminator

C. Local preference

D. AS path length

Correct Answer: B

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