

HP.HPE6-A73.v2021-11-07.q68

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NEW QUESTION: 1

An administrator wants to track what configuration changes were made on a switch. What should the administrator implement to see the configuration changes on an AOS-CX switch?

- A. Network Analysis Engine (NAE)
- B. VSX synchronization logging
- C. AAA authentication
- D. AAA authorization

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

NEW QUESTION: 2

An administrator has configured the following on an AOS-CX switch:

```
object-group ip address web-servers
  10.1.12.2
  10.1.12.3
  exit
object-group port web-ports
  eq 80
  eq 443
```

What is the correct ACL rule configuration that would allow traffic from anywhere to reach the web ports on the two specified servers?

- A. access-list ip server 10 permit tcp any web-servers group web-ports
- B. access-list ip server 10 permit tcp any web-servers web-ports
- C. access-list ip server 10 permit tcp any group web-servers group web-ports
- D. access-list ip server 10 permit tcp any object-group web-servers object-group web-ports

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

NEW QUESTION: 3

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

- A. SNMP
- B. CDP
- C. telnet
- D. SSH
- E. Restful API

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

What is correct regarding the tunneling of user traffic between AOS-CX switches and Aruba Mobility Controllers (MCs)?

- A. Supports only port-based tunneling
- B. Uses IPsec to protect the management traffic
- C. Uses iPSec to protect the management and data traffic
- D. Uses the same management protocol as Aruba APs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

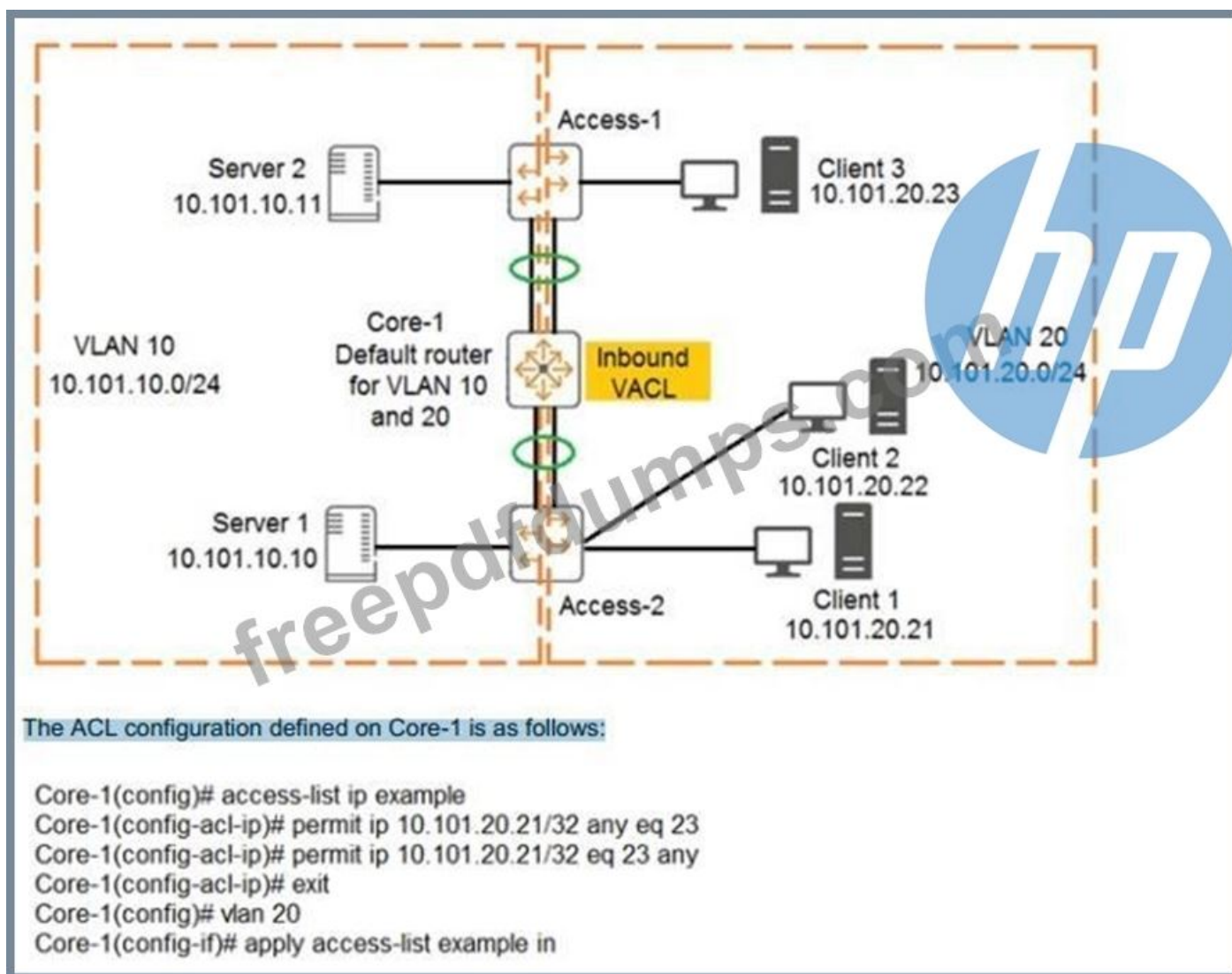
What are best practices when implementing VSX on AOS-CX switches? (Choose two.)

- A. The keepalive connection should use a direct layer-3 connection.
- B. The default system MAC addresses should be used.
- C. The ISL lag should use at least 10GbE links or faster.
- D. The ISL lag should use the default MTU size.
- E. Timers should be left at their default values.

Answer: A,E ([LEAVE A REPLY](#))

NEW QUESTION: 6

Examine the network exhibit:



The ACL configuration defined on Core-1 is as follows:

If telnet was being used, which device connection would be permitted and functional in both directions?

(Choose two.)

- A. Client 3 to Client 2
- B. Server 2 to Client 2
- C. Client 1 to Client 3
- D. Client 1 to Client 2
- E. Server 1 to Client 1

Answer: D,E (LEAVE A REPLY)

NEW QUESTION: 7

A company has an existing wireless solution involving Aruba APs and Mobility controllers running 8.4 code.

The solution leverages a third-party AAA solution. The company is replacing existing access switches with AOS-CX 6300 and 6400 switches. The company wants to leverage the same security and firewall policies for both wired and wireless traffic.

Which solution should the company implement?

- A. Downloadable user roles
- B. IPSec
- C. User-based tunneling
- D. RADIUS dynamic authorization

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

How is NetEdit installed at a customer location?

- A. Via an OVA file and a virtualized platform like VMware's ESXi
- B. Via a DVD using a virtualized platform like Microsoft's Hyper-V
- C. Via the Aruba Central cloud solution
- D. Via an Aruba NetEdit hardware appliance

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

NEW QUESTION: 9

A company has recently upgraded their campus switching infrastructure with AOS-CX switches. They have implemented 802.1X authentication on access ports where laptop and IOT devices typically connect. An administrator has noticed that for POE devices, the AOS-CX switch ports are delivering the maximum wattage to the port instead of what the device actually needs. Concerned about this waste of electricity, what should the administrator implement to solve this problem?

- A. Implement a classifier policy with the correct power definitions
- B. Globally enable the QoS trust setting for LLDP and/or CDP,
- C. Enable AAA authentication to exempt LLDP and/or CDP information.
- D. Create device profiles with the correct power definitions.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which concept is implemented using Aruba's dynamic segmentation?

- A. Device fingerprinting
- B. Zero Touch Provisioning
- C. Colorless port
- D. Root of trust

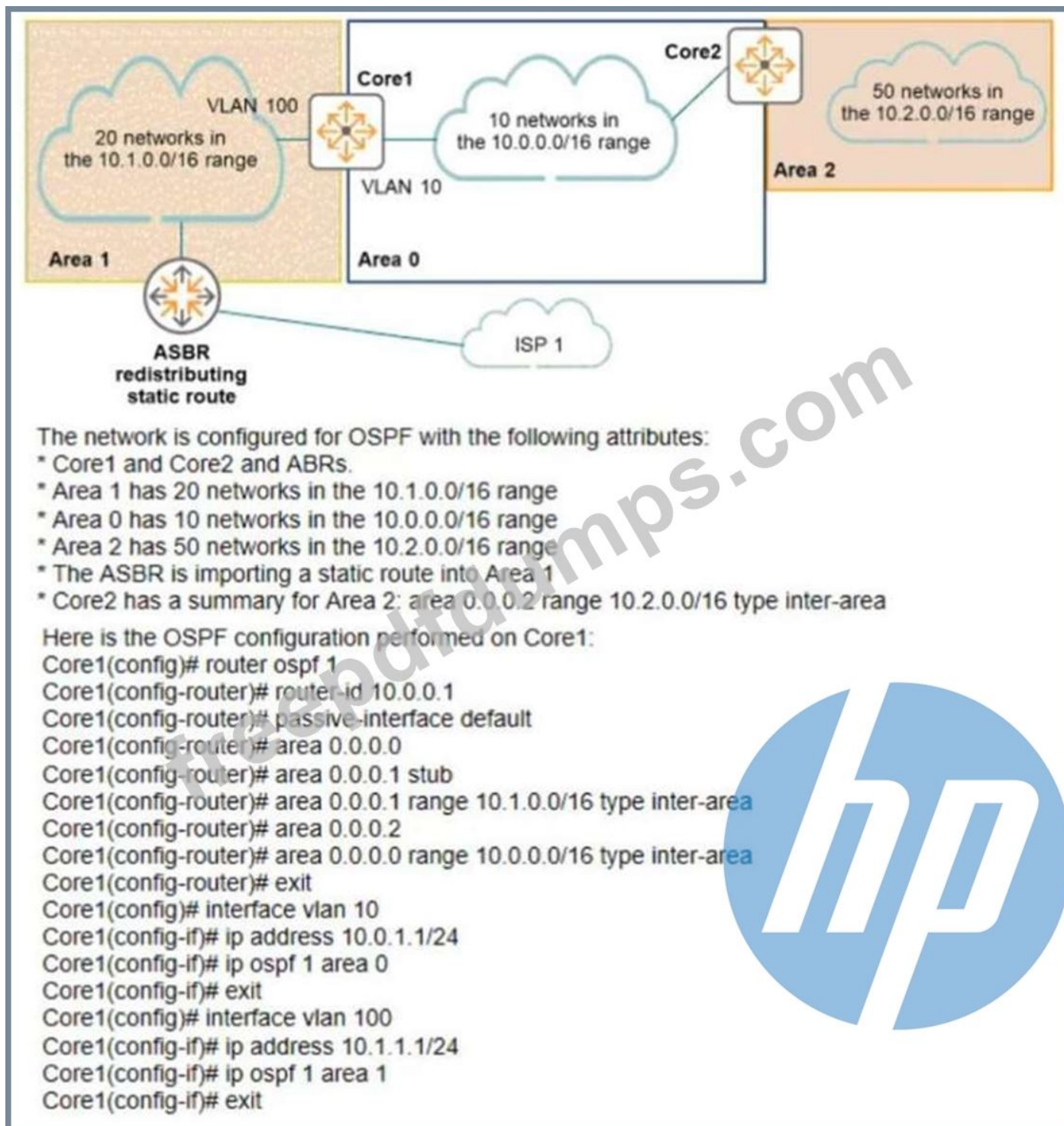
Answer: ([SHOW ANSWER](#))

Explanation

<https://blogs.arubanetworks.com/solutions/whats-hiding-on-your-network/>

NEW QUESTION: 11

Examine the network topology.



Based on the above information, what is correct?

- A. Area 1 has 23 routes
- B. Area 0 has 13 routes.
- C. Core1 has received one LSA Type 5 from the ASBR
- D. Core1 has no OSPF routes.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 12

An administrator has configured the following on an AOS-CX switch:

```
object-group ip address web-servers
 10.1.12.2
 10.1.12.3
exit
object-group port web-ports
eq 80
eq 443
```



What is the correct ACL rule configuration that would allow traffic from anywhere to reach the web ports on the two specified servers?

- A. access-list ip server 10 permit tcp any group web-servers group web-ports
- B. access-list ip server 10 permit tcp any web-servers web-ports
- C. access-list ip server 10 permit tcp any web-servers group web-ports
- D. access-list ip server 10 permit tcp any object-group web-servers object-group web-ports

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

NEW QUESTION: 13

A network administrator needs to replace an antiquated access layer solution with a modular solution involving AOS-CX switches. The administrator wants to leverage virtual switching technologies. The solution needs to support high-availability with dual-control planes.

Which solution should the administrator implement?

- A. AOS-CX 6400
- B. AOS-CX 6300
- C. AOS-CX 8400
- D. AOS-CX 8325

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

NEW QUESTION: 14

An administrator of a company has concerns about upgrading the access layer switches. The users rely heavily on wireless and VoIP telephony. Which is the best recommendation to ensure a short downtime for the users during upgrading the access layer switches?

- A. Install AOS-CX 6300 or 6400 switches with always-on POE
- B. Install the in-service software upgrade (ISSU) feature with clustering enabled
- C. Implement VSX on the AOS-CX access switches
- D. Implement VSF on the AOS-CX access switches

Answer: D (LEAVE A REPLY)

NEW QUESTION: 15

A network engineer is having a problem adding a custom-written script to an AOS-CX switch's NAE GUI.

The script was written in Python and was successfully added on other AOS-CX switches. The engineer examines the following items from the CLI of the switch:

```
switch# show capacities status nae
System Capacities Status: Filter NAE

Capacity Status Name                               Value    Maximum
-----
Number of configured NAE agents currently active in the system 1         100
Number of configured NAE monitors currently active in the system 7         500
Number of configured NAE scripts currently active in the system 50        50

switch# show ntp status
NTP Status Information

NTP : Disabled
NTP Authentication : Disabled
NTP Server Connections : Using the default VRF

System time : Sat May 2 11:50:55 UTC 2020
NTP uptime : 0 minutes, 0 seconds

Not synchronized with an NTP server.

switch# show crypto pki certificate

Certificate Name      Cert Status      Associated Applications
-----
local-cert            installed         captive-portal, hsc, https-server,
syslog-client

switch# show crypto pki application

Associated Applications  Certificate Name  Cert Status
-----
captive-portal          local-cert        not configured, using local-cert
hsc                     local-cert        not configured, using local-cert
https-server            local-cert        not configured, using local-cert
syslog-client           local-cert        not configured, using local-cert
```

What should the engineer perform to fix this issue?

- A. Enable trust settings for the AOS-CX switch's SSL certificate
- B. Remove a script that is no longer used before installing the new script
- C. Ensure the engineer's desktop and the AOS-CX switch are synchronized to the same NTP server
- D. Install the script's signature before installing the new script

Answer: B (LEAVE A REPLY)

NEW QUESTION: 16

A network engineer is using NetEdit to manage AOS-CX switches. The engineer notices that a lot of thirdparty VoIP phones are showing up in the NetEdit topology. The engineer deletes these, but they are automatically rediscovered by NetEdit and added back in.

What should the administrator do to solve this problem?

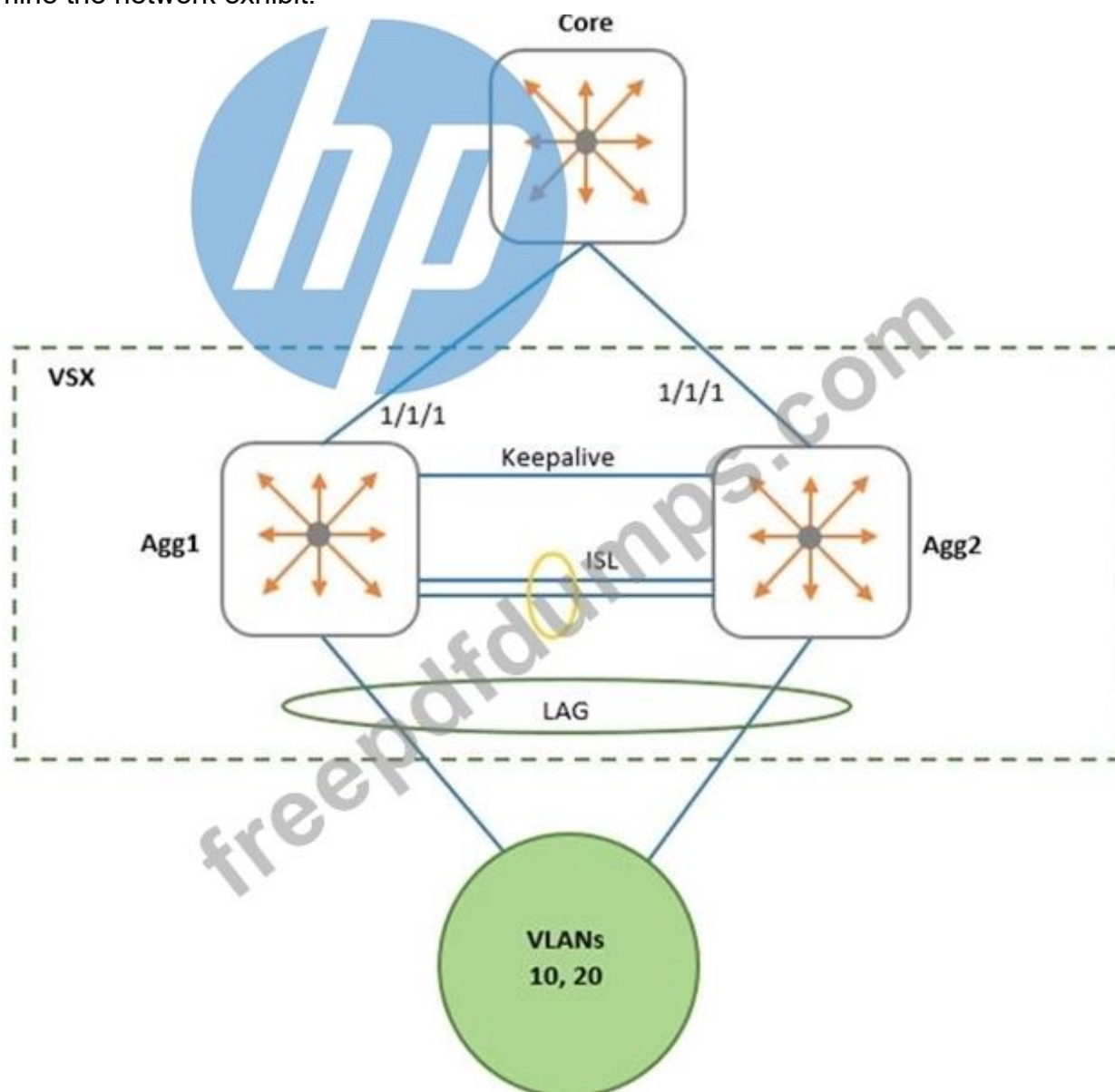
- A. Disable the RESTful API on all the VoIP phones
- B. Disable SSH access on all the VoIP phones
- C. Disable LLDP globally on the AOS-CX switches where phones are connected
- D. Change the VoIP phone SNMP community string to something unknown by NetEdit

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 17

Examine the network exhibit.



A network administrator is implementing OSPF on a VSX pair of aggregation switches: Agg1 and Agg2. VLANs 10 and 20 are connected to layer-2 access switches. Agg-1 and Agg-2 are configured as the default gateway for VLANs 10 and 20, with active gateway enabled.

What is the best practice for configuring OSPF on the aggregation switches and their connection to the Core switch?

- A. Define a layer-2 VSX LAG associated with a layer-3 VLAN interface. Enable active forwarding for the Layer-3 VLAN.
- B. Define separate layer-3 VLAN interfaces between the aggregation and core switches. Enable active forwarding for the Layer-3 VLAN.
- C. Define separate layer-3 VLAN interfaces between the aggregation and core switches. Enable active gateway for the Layer-3 VLAN.
- D. Define a layer-2 VSX LAG associated with a layer-3 VLAN interface. Enable active gateway for the Layer-3 VLAN.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 18

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?

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 19

Which statement is correct regarding ACLs and TCAM usage?

- A. Using object groups consumes the same resources as specific ACE entries.
- B. Compression is automatically enabled for ASIC TCAMs on AOS-CX switches.
- C. Applying an ACL to a group of ports consumes the same resources as specific ACE entries.
- D. Applying an ACL to a group of VLANs consumes the same resources as specific ACE entries.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 20

A network engineer is using NetEdit to manage AOS-CX switches. The engineer notices that a lot of third-party VoIP phones are showing up in the NetEdit topology. The engineer deletes these, but they are automatically rediscovered by NetEdit and added back in. What should the administrator do to solve this problem?

- A. Change the VoIP phone SNMP community string to something unknown by NetEdit.
- B. Disable LLDP globally on the AOS-CX switches where phones are connected.
- C. Disable the RESTful API on all the VoIP phones.

D. Disable SSH access on all the VoIP phones.

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

NEW QUESTION: 21

An administrator implements interim accounting for guest users so that ClearPass can track the amount of bandwidth that guests upload and download. Guests that abuse bandwidth consumption should be disconnected from the network. The administrator configures the following on the AOS-CX access switches:

```
Access1(config)# ip dns host cppm.arubatraining.com 10.254.1.23 vrf mgmt
Access1(config)# radius-server host cppm.arubatraining.com key plaintext aruba123 vrf mgmt
Access1(config)# aaa group server radius cppm
Access1(config-sg)# server cppm.arubatraining.com vrf mgmt
Access1(config-sg)# exit
Access1(config)# aaa accounting port-access start-stop interim 5 group cppm
Access1(config)# radius dyn-authorization client-cppm.arubatraining.com secret-key plaintext aruba123 vrf mgmt replay-
protection disable
```

After performing this configuration, the administrator notices that guest users that have exceeded the guest bandwidth limit are not being disconnected. Upon further investigation, Access Tracker in ClearPass indicates a disconnect CoA message is being sent to the AOS-CX switch.

What is causing this issue?

- A. RADIUS change of authorization is not enabled on the AOS-CX switch.
- B. Bandwidth consumption of the guests is not being reported by the AOS-CX switch.
- C. NTP is not configured on the AOS-CX switch.
- D. There is a time discrepancy between the AOS-CX switch and ClearPass.

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

NEW QUESTION: 22

An administrator wants to leverage always-on PoE on AOS-CX switches. Which statement is correct regarding this feature?

- A. Requires NetEdit to implement
- B. Provides up to 60W of power per port
- C. Provides surge protection for PoE and non-PoE ports
- D. Supports all AOS-CX switches

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Examine the following AOS-CX configuration:

```

Switch(config)# class ip IoT-traffic
Switch(config-class-ip)# match ip 192.168.0.0/16 any
Switch(config-class-ip)# exit
Switch(config)# pbr-action-list reroute
Switch(config-prb-action-list)# default-nextthop 10.100.1.2
Switch(config-prb-action-list)# exit
Switch(config)# policy IoT-policy
Switch(config-policy)# class ip IoT-traffic action pbr reroute
Switch(config-policy)# exit
Switch(config)# interface vlan 999
Switch(config-if)# apply policy IoT-policy routed-in
Switch(config-if)# exit

```

Based on this configuration, which statement is correct regarding IoT traffic?

- A. If 10.100.1.2 is not reachable, the IoT traffic will be automatically dropped by the switch
- B. All routes are ignored in the routing table for IoT traffic, which is routed to 10.100.1.2
- C. The next hop of 10.100.1.2 can be one or more hops away from the AOS-CX switch
- D. If a specific route is not available in the routing table, the traffic will be routed to 10.100.1.2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 24

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?

- A. Area 0 has 13 routes
- B. Area 1 has 23 routes
- C. Core1 has received one LSA Type 5 from the ASBR
- D. Core1 has no OSPF routes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

Which option correctly defines how to identify a VLAN as a voice VLAN on an AOS-CX switch?

- A. Switch(config)# port-access role <role-name>
Switch^config-pa-roieW vlan access <VLAN-ID>
- B. Switch(config)# vlan <VLAN-ID> voice
- C. Switch(config)# vlan <VLAN-ID>
Switch(config-vtan-<VLAN*ID>)# voice
- D. Switch(config)# port-access Jidp-group <LLDP-group-name>
Switch(config-Hdp-group)# vlan <VLAN-ID>

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

A company has implemented 802.1X authentication on AOS-CX access switches, where two ClearPass servers are used to implement AAA. Each switch has the two servers defined. A network engineer notices the following command configured on the AOS-CX switches:

```
radius-server tracking user-name monitor password plaintext aruba123
```

What is the purpose of this configuration?

- A. Speed up the AAA authentication process
- B. Define the account to implement downloadable user roles
- C. Implement replay protection for AAA messages
- D. Define the account to implement change of authorization

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

NEW QUESTION: 27

An administrator in a company of 349 users has a pair of AOS-CX switches with connections to external networks. Both switches are configured for OSPF. The administrator wants to import external routes on both switches, but assigns different seed metrics to the routes, as well as imports them as external type-1 routes.

What is the best way for the administrator to accomplish this?

```
D18912E1457D5D1DDCBD40AB3BF70D5D
```

- A. Define the route type and metrics in the OSPF process
- B. Create a route map with the correct route type and metrics
- C. Create a classifier policy with the correct route type and metrics
- D. Define a class and policy map with the correct route type and metrics

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

NEW QUESTION: 28

An administrator is replacing the current access switches with AOS-CX switches. The access layer switches must authenticate user and networking devices connecting to them. Some devices support no form of authentication and some support 802.1X. Some ports have a VoIP phone and a PC connected to the same port where the PC is connected to the data port of the phone and the phone's LAN port is connected to the switch.

Which statement is correct about this situation?

- A. 802.1X must be configured to work in fallback mode
- B. Device mode should be implemented.
- C. The client-limit setting for port access needs to be changed
- D. Device fingerprinting is required for authentication.

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

NEW QUESTION: 29

A company has a third-party AAA server solution. The campus access layer was just upgraded to AOS-CX switches that perform access control with MAC-Auth and 802.1X. The company has an Aruba Mobility Controller (MC) solution for wireless, and they want to leverage the firewall policies on the controllers for the wired traffic.

What is correct about how the company should implement a security solution where the wired traffic is processed by the MCs?

- A. Implement downloadable user roles with a gateway role defined on the AOS-CX switches
- B. Implement standards-based RADIUS VSAs to pass policy information directly to the AOS-CX switches and MCs
- C. Implement downloadable user roles with a device role defined on the AOS-CX switches and MCs
- D. Implement local user roles with a gateway role defined on the AOS-CX switches

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 30

An administrator has an aggregation layer of 8325CX switches configured as a VSX pair. The administrator is concerned that when OSPF network changes occur, the aggregation switches will respond to the changes slowly, and this will affect network connectivity, especially VoIP calls, in the connected access layer switches.

What should the administrator do on the aggregation layer switches to alleviate this issue?

D18912E1457D5D1DDCDBD40AB3BF70D5D

- A. Implement route aggregation
- B. Reduce the hello and dead interval timers
- C. Implement bidirectional forwarding detection (BFD)
- D. Implement graceful restart

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

NEW QUESTION: 31

An AOS-CX switch is configured to implement downloadable user roles. Examine the AOS-CX switch output:

```
Access1(config)# show aaa authentication port-access interface all client-status
```

```
Port Access Client Status Details
```

```
Client 00:50:56:b1:7a:37
```

```
=====
```

```
Session Details
```

```
-----
```

```
Port : 1/1/3
```

```
Session Time : 1887s
```

```
Authentication Details
```

```
-----
```

```
Status : mac-auth Authenticated
```

```
Auth Precedence : dot1x - Not attempted, mac-auth - Authenticated
```

```
Authorization Details
```

```
-----
```

```
Role :
```

```
Status : Not ready
```

Based on this output, what is the state of the user's access?

- A. MAC authentication has passed, but 802.1X authentication is in progress
- B. The port should be configured for 802.1X
- C. No downloadable user role exists
- D. The RADIUS request timed out to the AAA server

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 32

An administrator is implementing a downloadable user role solution involving AOS-CX switches. The AAA solution and the AOS-CX switches can successfully authenticate users; however, the role information fails to download to the switches. What policy should be added to an intermediate firewall to allow the downloadable role function to succeed?

- A. Allow TCP 443
- B. Allow TCP 22
- C. Allow UDP 1811
- D. Allow UDP 8211

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

NEW QUESTION: 33

A network administrator is attempting to troubleshoot a connectivity issue between a group of users and a particular server. The administrator needs to examine the packets over a period of time from their desktop; however, the administrator is not directly connected to the AOS-CX switch involved with the traffic flow.

What is correct regarding the ERSPAN session that needs to be established on an AOS-CX switch?

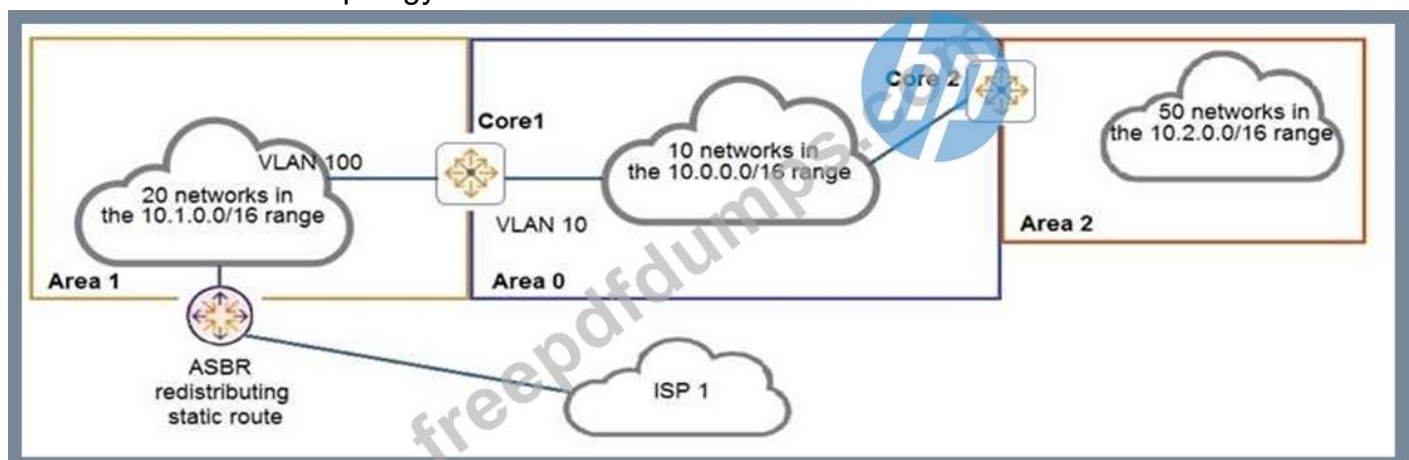
(Choose two.)

- A. The encapsulation protocol used is GRE
- B. On the source AOS-CX switch, the destination specified is the administrator's desktop
- C. On the source AOS-CX switch, the destination specified is the switch to which the administrator's desktop is connected
- D. The encapsulation protocol is UDP
- E. The encapsulation protocol used is VXLAN

Answer: (SHOW ANSWER)

NEW QUESTION: 34

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:

```

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?

- A. Area 0 has 13 routes
- B. Area 1 has 23 routes
- C. Core1 has no OSPF routes
- D. Core1 has received one LSA Type 5 from the ASBR

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

NEW QUESTION: 35

Examine the following AOS-CX switch configuration:

```

Access(config)# access-list ip ext
Access(config-acl-ip)# permit ip any 10.0.11.0/255.0.255.0 count
Access(config-acl-ip)# permit ip any 10.0.12.0/255.0.255.0 log
Access(config-acl-ip)# exit
Access(config)# interface 1/1/3
Access(config-if)# apply access-list ip ext in
Access(config-if)# exit

```

Which statement correctly describes what is allowed for traffic entering interface 1/1/3?

- A. Traffic from 10.0.12.0/24 will generate a log record when accessing 10.0.11.0/24
- B. IP traffic from 10.1.12.0/24 is allowed to access 172.0.1.0/23
- C. IP traffic from 10.0.11.0/24 is allowed to access 10.1.12.0/24
- D. IP traffic from 10.1.11.0/24 is allowed to access 10.1.110.0/24

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

NEW QUESTION: 36

Examine the output from an AOS-CX switch implementing a dynamic segmentation solution involving downloadable user roles:

```
Switch# show port-access role clearpass
```

Role information:

Name : icxarubadur_employee-3044-2

Type : clearpass

Status: failed, parsing_failed

Reauthentication Period :

Authentication Mode :

Session Timeout :

The downloadable user roles are not being downloaded to the AOS-CX switch. Based on the above output, what is the problem?

- A. There is a date/time issue between the ClearPass server and the switch
- B. The AOS-CX switch does not have the ClearPass certificate involved
- C. DNS fails to resolve the ClearPass server's FQDN
- D. The certificate that ClearPass uses is invalid

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

Examine the AOS-CS switch output:

```
Switch# show aaa authentication port-access interface 1/1/1 client-status
```

```
Port Access Client Status Details
```

```
Client 00:50:56:b1:7a:37, icx-employee
```

```
Session Details
```

```
Port      : 1/1/3  
Session Time : 31273s
```

```
Authentication Details
```

```
Status      : dot1x Authenticated  
Auth Precedence : dot1x - Authenticated, mac-auth - Not attempted
```

```
Authorization Details
```

```
Role      : aruba_contractor-3044-7  
Status    : Applied
```

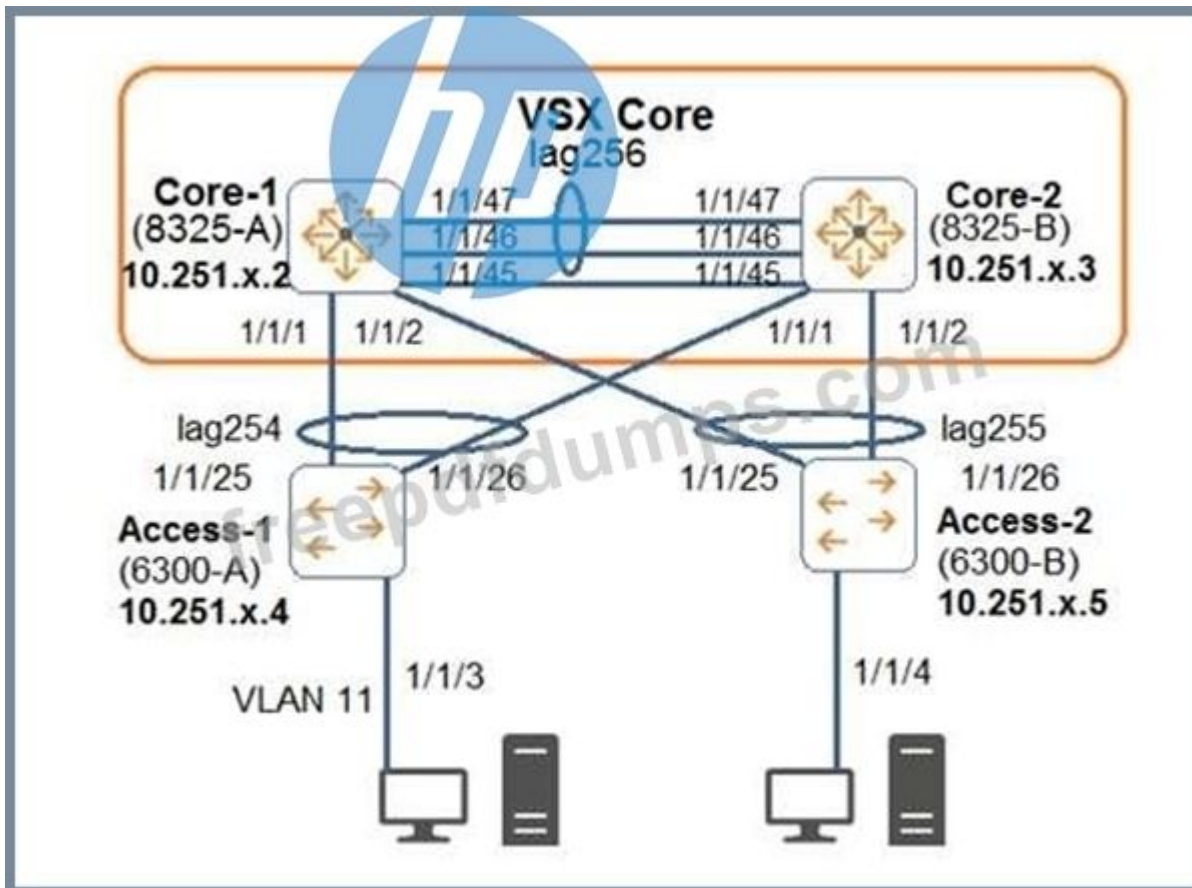
Based on this output, what is correct?

- A. 802.1X authentication occurred and downloadable user roles are deployed
- B. A local user role was deployed using a ClearPass solution
- C. Only 802.1X authentication is configured on the port
- D. 802.1X authentication was successful, but MAC authentication is yet to start

Answer: A (LEAVE A REPLY)

NEW QUESTION: 38

Examine the attached diagram.



The two PCs are located in VLAN 11 (10.1.11.0/24). Which example defines how to implement active gateway on the VSX core for VLAN 11?

A. interface lag 254

active-gateway ip 10.1.11.1

active-gateway mac 02:02:00:00:01:00

B. interface lag 254

active-gateway vlan 11 ip 10.1.11.1

active-gateway vlan 11 mac 02:02:00:00:01:00

C. interface vlan 11

active-gateway ip 10.1.11.1

active-gateway mac 02:02:00:00:01:00

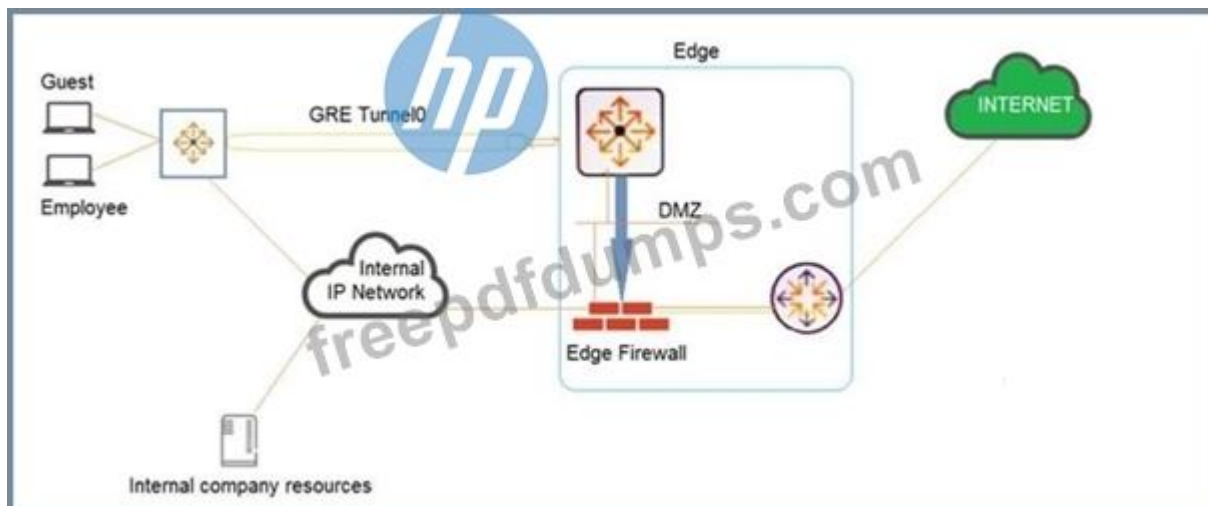
D. vsx

vrrp group 1

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

NEW QUESTION: 39

Examine the network exhibit.



A company has a guest implementation for wireless and wired access. Wireless access is implemented through a third-party vendor. The company is concerned about wired guest traffic traversing the same network as the employee traffic. The network administrator has established a GRE tunnel between AOS-CX switches where guests are connected to a routing switch in the DMZ.

Which feature should the administrator implement to ensure that the guest traffic is tunneled to the DMZ while the employee traffic is forwarded using OSPF?

- A. User-based tunneling (UBT)
- B. Classifier policies
- C. OSPF route maps using the "set metric" command
- D. Policy-based routing (PBR)

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

NEW QUESTION: 40

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?

- 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: ([SHOW ANSWER](#)**)**

Explanation

NEW QUESTION: 41

An administrator is concerned about the security of the control plane connection between an AOS-CX switch and an Aruba Mobility Controller (MC) when implementing user-based tunneling. How should the administrator protect this traffic?

- A. IPSec with a pre-shared key
- B. PAPI with an MD5 pre-shared key
- C. IPSec with a digital certificate
- D. GRE with a pre-shared key

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

NEW QUESTION: 42

An administrator in a company of 349 users has a pair of AOS-CX switches with connections to external networks. Both switches are configured for OSPF. The administrator wants to import external routes on both switches, but assigns different seed metrics to the routes, as well as imports them as external type-1 routes.

What is the best way for the administrator to accomplish this?

- A. Define a class and policy map with the correct route type and metrics
- B. Define the route type and metrics in the OSPF process
- C. Create a classifier policy with the correct route type and metrics
- D. Create a route map with the correct route type and metrics

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

NEW QUESTION: 43

Which option correctly defines how to identify a VLAN as a voice VLAN on an AOS-CX switch?

- A. Switch(config)# port-access lldp-group <LLDP-group-name>
Switch(config-ldp-group)# vlan <VLAN-ID>
- B. Switch(config)# vlan <VLAN-ID> voice
- C. Switch(config)# vlan <VLAN-ID>
Switch(config-vlan-<VLAN-ID>)# voice
- D. Switch(config)# port-access role <role-name>
Switch(config-pa-role)# vlan access <VLAN-ID>

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

Examine the following AOS-CX configuration:

```

Switch(config)# class ip IoT-traffic
Switch(config-class-ip)# match ip 192.168.0.0/16 any
Switch(config-class-ip)# exit
Switch(config)# pbr-action-list reroute
Switch(config-prb-action-list)# default-next-hop 10.100.1.2
Switch(config-prb-action-list)# exit
Switch(config)# policy IoT-policy
Switch(config-policy)# class ip IoT-traffic action pbr reroute
Switch(config-policy)# exit
Switch(config)# interface vlan 999
Switch(config-if)# apply policy IoT-policy routed-in
Switch(config-if)# exit

```

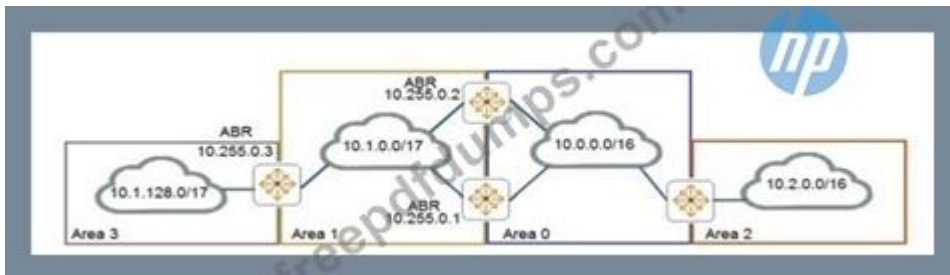
Based on this configuration, which statement is correct regarding IoT traffic?

- A. If a specific route is not available in the routing table, the traffic will be routed to 10.100.1.2
- B. All routes are ignored in the routing table for IoT traffic, which is routed to 10.100.1.2
- C. If 10.100.1.2 is not reachable, the IoT traffic will be automatically dropped by the switch
- D. The next hop of 10.100.1.2 can be one or more hops away from the AOS-CX switch

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 45

Examine the attached exhibit.



The network administrators is trying to add a remote location as area 3 to the network shown in the diagram.

Based on current connection restrictions, the administrator cannot connect area 3 directly to area 0. The network is using AOS-CX switches.

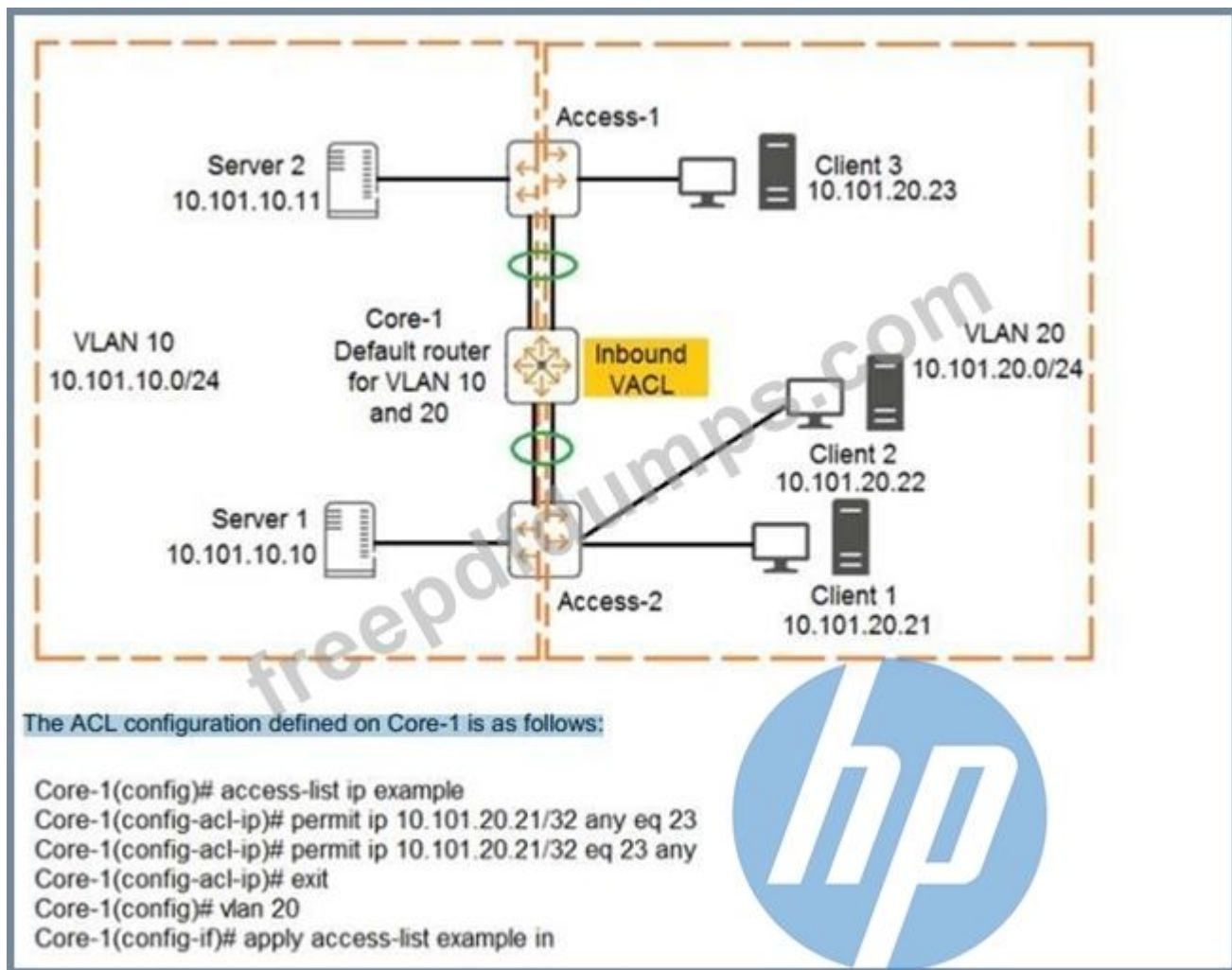
Which feature should the administrator implement to provide connectivity to the remote location?

- A. Not-so-stubby areas
- B. OSPFv3
- C. Bidirectional forward detection (BFD)
- D. Virtual links

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

NEW QUESTION: 46

Examine the network exhibit:



The ACL configuration defined on Core-1 is as follows:

If telnet was being used, which device connection would be permitted and functional in both directions?

(Choose two.)

- A. Client 1 to Client 3
- B. Client 1 to Client 2
- C. Server 2 to Client 2
- D. Server 1 to Client 1
- E. Client 3 to Client 2

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 47

A network administrator needs to replace an antiquated access layer solution with a modular solution involving AOS-CX switches. The administrator wants to leverage virtual switching technologies. The solution needs to support high-availability with dual-control planes.

Which solution should the administrator implement?

- A. AOS-CX 8325
- B. AOS-CX 6300
- C. AOS-CX 6400
- D. AOS-CX 8400

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

Reference:

<https://andovercg.com/datasheets/aruba-cx-8325-switch-series.pdf>

NEW QUESTION: 48

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)

Answer: (SHOW ANSWER)

NEW QUESTION: 49

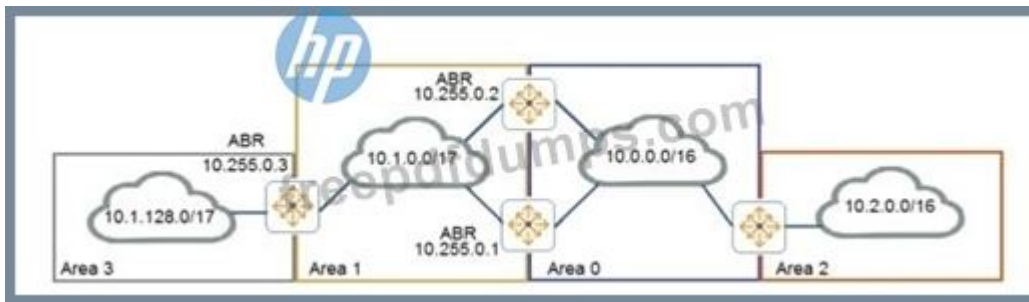
When comparing PIM-DM and PIM-SM, which multicast components are only found with PIM-SM in multicast routing? (Choose two.)

- A. Rendezvous point
- B. Bootstrap router
- C. IGMP querier
- D. Shortest path tree
- E. Designated router

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

NEW QUESTION: 50

Examine the attached exhibit.



The network administrators is trying to add a remote location as area 3 to the network shown in the diagram.

Based on current connection restrictions, the administrator cannot connect area 3 directly to area 0. The network is using AOS-CX switches.

Which feature should the administrator implement to provide connectivity to the remote location?

- A. Not-so-stubby areas
- B. Bidirectional forward detection (BFD)
- C. OSPFv3
- D. Virtual links

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

Which statement is correct regarding ACLs and TCAM usage?

- A. Compression is automatically enabled for ASIC TCAMs on AOS-CX switches
- B. Applying an ACL to a group of VLANs consumes the same resources as specific ACE entries
- C. Using object groups consumes the same resources as specific ACE entries
- D. Applying an ACL to a group of ports consumes the same resources as specific ACE entries

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

NEW QUESTION: 52

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

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

NEW QUESTION: 53

An administrator is defining a VSX LAG on a pair of AOS-CX switches that are defined as primary and secondary. The VSX LAG fails to establish successfully with a remote switch; however, after verification, the remote switch is configured correctly. The administrator narrows down the problem to the configuration on the AOS-CX switches.

What would cause this problem?

- A. Local optimization was not enabled on the VSX LAG
- B. LACP was enabled in active mode on the VSX LAG
- C. The VSX LAG hash does not match the remote peer
- D. The VSX LAG interfaces are in layer-3 mode

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

NEW QUESTION: 54

A network administrator wants to centralize the management of AOS-CX switches by implementing NetEdit How should the administrator purchase and/or install the NetEdit solution?

- A. Install as a hardware appliance
- B. Installed on a supported version of RedHat Enterprise Linux
- C. Installed on a supported version of Debian Linux
- D. Installed in a virtualized solution by using the Aruba-supplied OVA file

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

NEW QUESTION: 55

How is NetEdit installed at a customer location?

- A. Via a DVD using a virtualized platform like Microsoft's Hyper-V
- B. Via an OVA file and a virtualized platform like VMware's ESXi
- C. Via an Aruba NetEdit hardware appliance
- D. Via the Aruba Central cloud solution

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

NEW QUESTION: 56

An AOS-CX switch is configured to implement downloadable user roles Examine the AOS-CX switch output:

```
Access11config i$ show aaa authentication port-access interface ail client-status Port Access Client Status Details
```

Port Access Client Status Details

Client 00:50:56:b1:7a:37

Session Details

Port : 1/1/3
Session Time : 1887s

Authentication Details

Status : mac-auth Authenticated
Auth Precedence : dot1x - Not attempted, mac-auth - Authenticated

Authorization Details

Role :
Status : Not ready



Based on this output what is the state of the users access'?

- A. No downloadable user role exists
- B. MAC authentication has passed, but 802 1X authentication is in progress
- C. The RADIUS request timed out to the AAA server
- D. The port should be configured for 802 1X

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

What is correct regarding rate limiting and egress queue shaping on AOS-CX switches?

- A. Traffic rate limit is configured on queue level
- B. Rate limiting and egress queue shaping can be used to restrict inbound traffic
- C. Rate limiting and egress queue shaping can be applied globally
- D. Limits can be defined only for broadcast and multicast traffic

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

NEW QUESTION: 58

A network administrator is implementing OSPF, where there are two exit points. Each exit point has a stateful, application inspection firewall to implement company policies.

What would the best practice be to ensure that one firewall will see both directions of the traffic, preventing asynchronous connections in the network?

- A. Both ASBRs should define External Type 1 routes for the
- B. Both ASBRs should define External Type 1 routes for the
- C. Both ASBRs should define External Type 2 routes for the
- D. Both ASBRs should define External Type 2 routes for the

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

NEW QUESTION: 59

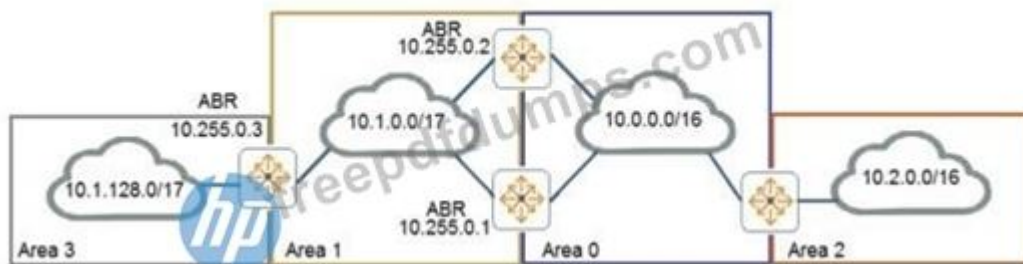
The company has just upgraded their access layer switches with AOS-CX switches and implemented an AAA solution with ClearPass. The company has become concerned about what actually connects to the user ports on the access layer switch, Therefore, the company is implementing 802.1X authentication on the 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 downloadable user roles and user-based tunneling (UBT) on the AOS-CX switches.
- B. Implement local user roles and local forwarding on the AOS-CX switches.
- C. Implement device-based mode on the IAP-connected AOS-CX switch ports.
- D. Implement AAA RADIUS change of authorization on the AOS-CX switches.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

Examine the attached exhibit.



The network administrators is trying to add a remote location as area 3 to the network shown in the diagram.

Based on current connection restrictions, the administrator cannot connect area 3 directly to area 0. The network is using AOS-CX switches.

Which feature should the administrator implement to provide connectivity to the remote location?

- A. Not-so-stubby areas
- B. Virtual links
- C. Bidirectional forward detection (BFD)
- D. OSPFv3

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

NEW QUESTION: 61

An administrator is looking for a data center switching solution that will greatly reduce the likelihood of dropped frames when uplink congestion is experienced. Which AOS-CX switch queuing feature meets the administrator's needs?

- A. VOQ
- B. WFQ

- C. FIFO
- D. DDDR

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

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NEW QUESTION: 62

Which protocol does NetEdit use to discover devices in a subnet during the discovery process?

- A. ARP
- B. ICMP
- C. DHCP
- D. LLDP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

An administrator has an AOS-CX switch configured with:

```
router ospf 1
```

```
area 0
```

```
area 1 stub no-summary
```

It is the only ABR for area 1. The switch has the appropriate adjacencies to routing switches in areas 0 and 1.

The current routes in each area are:

Area 0: 5 routes (LSA Type 1 and 2)

Area 1: 10 routes (LSA Type 1 and 2)

External routes: 2 (LSA Type 5)

Based on the above configuration, how many OSPF routes will routing switches see in Area 1?

- A. 11
- B. 12
- C. 15
- D. 6

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

NEW QUESTION: 64

An administrator is replacing the current access switches with AOS-CX switches. The access layer switches must authenticate user and networking devices connecting to them. Some devices support no form of authentication, and some support 802.1X. Some ports have a VoIP phone and a PC connected to the same port, where the PC is connected to the data port of the phone and the phone's LAN port is connected to the switch.

Which statement is correct about this situation?


- A. Device fingerprinting is required for authentication
- B. Device mode should be implemented
- C. 802.1X must be configured to work in fallback mode
- D. The client-limit setting for port access needs to be changed

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 65

Examine the following AOS-CX switch configuration:

```
Access(config)# access-list ip ext
Access(config-acl-ip)# permit ip any 10.0.11.0/255.0.255.0 count
Access(config-acl-ip)# permit ip any 10.0.12.0/255.0.255.0 log
Access(config-acl-ip)# exit
Access(config)# interface 1/1/3
Access(config-if)# apply access-list ip ext in
Access(config-if)# exit
```



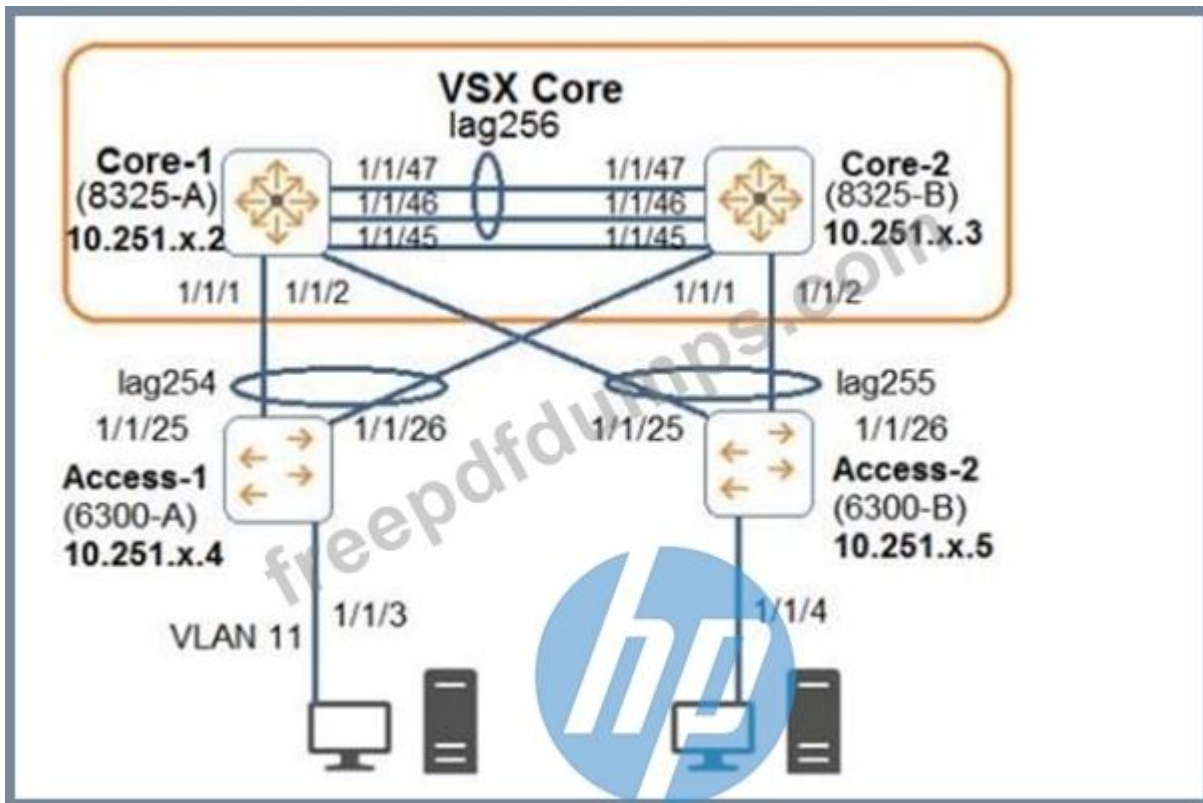
Which statement correctly describes what is allowed for traffic entering interface 1/1/3?

- A. IP traffic from 10.1.12.0/24 is allowed to access 172.0.1.0/23.
- B. Traffic from 10.0.12.0/24 will generate a log record when accessing 10.0.11.0/24.
- C. IP traffic from 10.1.11.0/24 is allowed to access 10.1.110.0/24.
- D. IP traffic from 10.0.11.0/24 is allowed to access 10.112.0/24.

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

NEW QUESTION: 66

Examine the attached diagram.



The two PCs are located in VLAN 11 (10.1.11.0/24). Which example defines how to implement active gateway on the VSX core for VLAN 11?

A. vsx

vrrp group 1

B. interface lag 254

active-gateway ip 10.1.11.1

active-gateway mac 02:02:00:00:01:00

C. interface lag 254

active-gateway vlan 11 ip 10.1.11.1

active-gateway vlan 11 mac 02:02:00:00:01:00

D. interface vlan 11

active-gateway ip 10.1.11.1

active-gateway mac 02:02:00:00:01:00

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

NEW QUESTION: 67

Examine the following ACL rule policies:

* Permit traffic from 10.2.2.1 through 10.2.2.30 to anywhere

* Permit traffic from 10 2 2 40 through 10 2 2 55 to anywhere

* Deny all others

Based on this policy, place the following ACL rule statements in the correct order to accomplish the above filtering policy.

A. deny ip 10 2 2.31 255 255.255.255 any

permit ip 10,2.2 40 255 255 255.248 any

permit ip 10.2.2.48 255.255.255.248 any
deny ip 10 2 2.32 255 255 255 224 any
permit ip 10.2.2.0 255.255.255.192 any
B. permit ip 10 2 2 40 255 255 255 248 any
permit ip 10 2.2 48 255 255 255.248 any
permit ip 10 2.2 0 255 255.255.192 any
deny ip 10.2.2.31 255.255.255.255 any
deny ip 10 2 2 32 255 255 255 224 any
C. deny ip 10 2 2.31 255 255.255.255 any
deny ip 10 2.2.32 255 255.255.224 any
permit ip 10 2 2 40 255 255 255 248 any
permit ip 10.2.2 48 255 255 255.248 any
permit ip 10 2.2 0 255 255 255.192 any
D. deny ip 10 ,2.2.31 255.255.255.255 any
permit ip 10 2 2 40 255 255 255 248 any
deny ip 10 2.2.32 255 255.255.224 any
permit ip 10 2 2 48 255 255 255.248 any
permit tp 10.2.2.0 255.255.255.192 any

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 68

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?

- A.** Port-based tunneling
- B.** Device fingerprinting
- C.** Downloadable user roles
- D.** Local user roles

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

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