

ISLEVER

642-891

Composite Exam

DEMO

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QUESTION NO: 1

Which three statements are correct with regard to the IEEE 802.1Q standard? (Choose three.)

- A. protocol uses point-to-point connectivity
- B. the packet is encapsulated with a 26 byte header and a 4 byte FCS
- C. the IEEE 802.1Q frame format adds a 4 byte field to an Ethernet frame
- D. protocol uses point-to-multipoint connectivity
- E. the IEEE 802.1Q frame uses multicast destination of 0x01-00-0c-00-00
- F. the IEEE 802.1Q frame retains the original MAC destination address

Answer: A,C,F

QUESTION NO: 2 CORRECT TEXT

Lab

Ballista Enterprises recently completed merging with Scorpions Endeavors. The two companies have been using separate routing protocols on their corporate networks, and an immediate solution is required for the two companies to begin sharing data. A boundary router, Siege, has been established to perform mutual redistribution of route information between the two networks. Configure route redistribution from EIGRP into IS-IS and from IS-IS into EIGRP on the boundary router per the following requirements:

- Seed metric for EIGRP must have the following characteristics:
Bandwidth=512 Kpbs

Name : Ballista	Name : Siege	Name : Scorpions
S0/0 : 10.137.137.5/30	S0/0 : 192.168.192.6/30	S0/1 : 192.168.192.5/30
Loopback1 : 1.1.1.1/32	S0/1 : 10.137.137.6/30	Loopback1 : 3.3.3.3/32
Secret Password : cisco	Secret Password : cisco	Secret Password : cisco

You will need to scroll this window and the problem statement window to view the entire problem.

To configure the router, click the picture of the host that is connected to the router via a serial console cable. The cable is represented in the diagram by a dotted line.

The Tab key

ActualTests

QUESTION NO: 3

What are three characteristics of RIPv2? (Choose three.)

- A. does not support variable-length subnet mask by default
- B. does not support discontinuous networks by default
- C. multicasts updates to 224.0.0.9

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- D. broadcasts updates
 - E. supports discontinuous networks by default
 - F. supports variable-length subnet mask by default

Answer: B,C,F

QUESTION NO: 4

Refer to the exhibit. A network engineer is trying to connect to the console port of Sw2. What authentication process will the switch go through?

```
Sw2#show running-config

<output omitted>

enable secret 5 $1$9Gvy$UaTf1ugtIO3zgvSXA9PSd1
!
username root password 0 ALongPassword
aaa new-model
!
aaa authentication login Smartport group tacacs+ local
!
tacacs-server host 172.31.255.1
tacacs-server key goaway
!
line con 0
login authentication Smartport
```

ActualTests

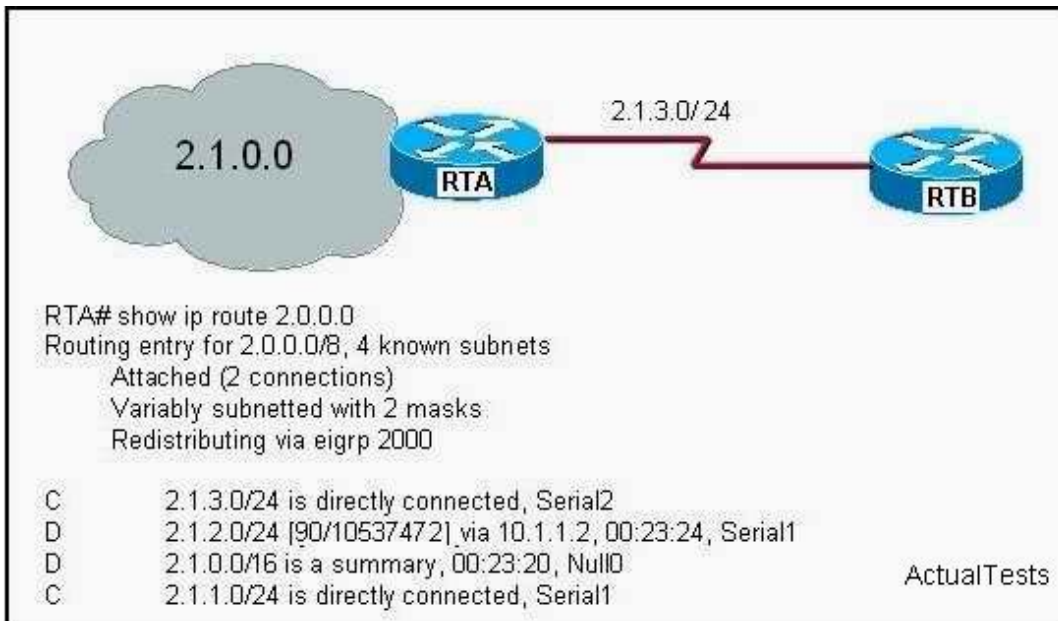
- A. Authentication will fail because an IP address has not been specified for the SmartPort database.
- B. The switch will contact the SmartPort database. If the SmartPort database is unreachable, the switch will contact the TACACS+ server. If the TACACS+ server is unreachable, the switch will use the enable secret password.
- C. The switch will attempt to authenticate using the enable secret password. If this fails, the switch will contact the TACACS+ server. If the TACACS+ server is unreachable, the switch will use the password goaway.
- D. Authentication will fail because SmartPort has not been enabled.
- E. The switch will contact the SmartPort database. If the SmartPort database is unreachable, the switch will contact the TACACS+ server. If the TACACS+ server is unreachable, the switch will use the local database.
- F. The switch will contact the TACACS+ server. If the TACACS+ server is unreachable, the switch will use the local database.

Answer: F

QUESTION NO: 5

RTA(config)# router eigrp 2000
RTA(config-router)# network 2.0.0.0
RTA(config-router)# exit
RTA(config)# interface serial 2
RTA(config-if)# ip summary-address eigrp 2000 2.1.0.0 255.255.0.0

Examine the exhibit. How many routes will RTB have with this configuration assuming there is no additional connectivity to RTB at this time?



- A. 3
- B. 2
- C. 0
- D. 1
- E. 4

Answer: B

QUESTION NO: 6

Which three characteristics apply to IS-IS but not to OSPF? (Choose three.)

- A. uses a DIS and a backup DIS to present the pseudo-node on the LAN
- B. encapsulates PDUs directly into a data-link frame
- C. uses a default IOS metric of 10 on each interface
- D. uses stubby areas to improve network scalability
- E. uses an on-demand circuit to reduce the hello and LSA flooding across switched WAN links, such as ISDN