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642-812

Building Cisco Multilayer Switched Networks

DEMO

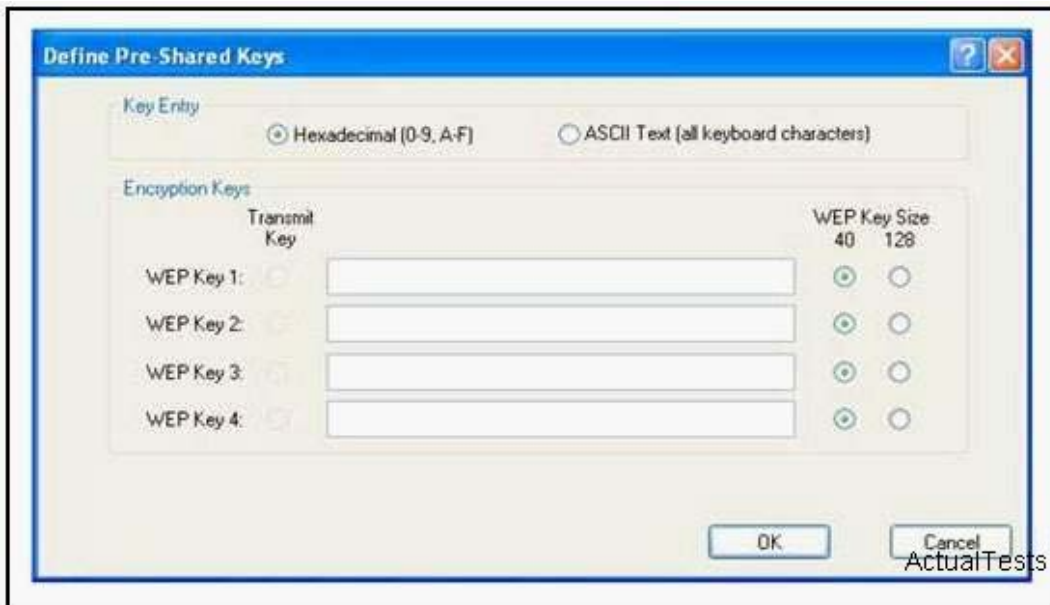
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QUESTION NO: 1

Refer to the exhibit. What should be taken into consideration when using the Cisco Aironet Desktop Utility (ADU) to configure the static WEP keys on the wireless client adapter?



- A. The client adapter WEP key should be generated by the authentication server and forwarded to the client adapter before the client adapter can establish communication with the wireless network.
- B. The client adapter WEP key should be generated by the AP and forwarded to the client adapter before the client adapter can establish communication with the wireless network.
- C. In infrastructure mode the client adapter WEP key must match the WEP key used by the access point. In ad hoc mode all client WEP keys within the wireless network must match each other.
- D. Before the client adapter WEP key is generated, all wireless infrastructure devices (such as access points, servers, etc.) must be properly configured for LEAP authentication.

Answer: C

Explanation:

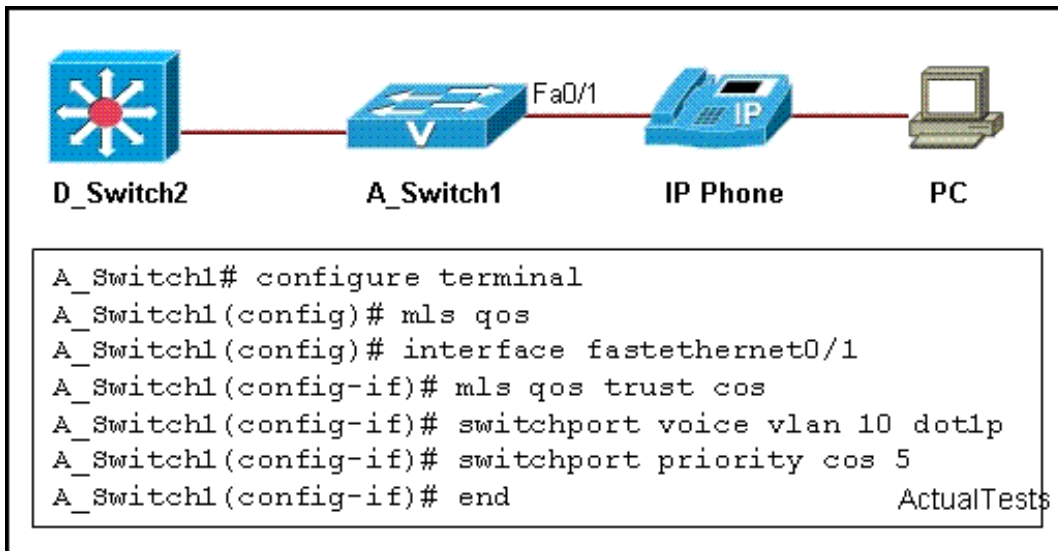
Your client adapter's WEP key must match the WEP key used by the access point (in infrastructure mode) or clients (in ad hoc mode) with which you are planning to communicate.

Reference:

http://www.cisco.com/en/US/docs/wireless/wlan_adapter/cb21ag/user/3.5/configuration/guide/winapekh.html

QUESTION NO: 2

Refer to the exhibit. On basis of the configuration that is provided, where will the trust boundary be established in this network?



- A. at the PC
- B. at the access switch
- C. at the IP phone
- D. at the distribution switch

Answer: B

QUESTION NO: 3

Which statement is true about the data traffic between the access point and controller?

- A. The data traffic between the access point and controller is not encrypted.
- B. The data traffic is encrypted with AES.
- C. The data traffic is encapsulated with LWAPP.
- D. The data traffic is switched at the access point before being sent to the WLAN controller where VLAN tagging and QoS are applied.

Answer: C

QUESTION NO: 4

Which two statements are true about a switched virtual interface (SVI)? (Choose two.)

- A. An SVI is created by entering the no switchport command in interface configuration mode.
- B. SVI is another name for a routed port.
- C. Multiple SVIs can be associated with a VLAN.
- D. An SVI is created for the default VLAN (VLAN1) to permit remote switch administration by default.
- E. An SVI provides a default gateway for a VLAN.

Answer: D,E

Explanation:

On a multilayer switch, you can also enable Layer 3 functionality for an entire VLAN on the switch. This allows a network address to be assigned to a logical interface-that of the VLAN itself. This is useful when the switch has many ports assigned to a common VLAN, and routing is needed in and out of that VLAN.

The logical Layer 3 interface is known as an SVI . However, when it is configured, it uses the much more intuitive interface name `vlan vlan-id` , as if the VLAN itself is a physical interface. First, define or identify the VLAN interface, and then assign any Layer 3 functionality to it with the following configuration commands:

```
Switch( config)# interface vlan vlan-id
```

```
Switch( config-if)# ip address ip-address mask [secondary]
```

The VLAN must be defined and active on the switch before the SVI can be used. Make sure the new VLAN interface is also enabled with the `no shutdown` interface configuration command.

QUESTION NO: 5

Refer to the exhibit. What is the configuration an example of?

```
track 1 interface POS 5/0 ip routing
track 2 interface POS 6/0 ip routing
interface fastethernet 0/0
glbp 10 weighting 110 lower 95 upper 105
glbp 10 weighting track 1 decrement 10
glbp 10 weighting track 2 decrement 10
glbp 10 forwarder preempt delay minimum 60
```

- A. GLBP weighting
- B. default AVF and AVG configuration
- C. GLBP MD5 authentication
- D. GLBP text authentication
- E. GLBP timer manipulation

Answer: A

Explanation:

Configuring GLBP Weighting: Example

In the following example, Router A, shown in Figure 1, is configured to track the IP routing state of