



Vendor: Cisco

Exam Code: 642-813

Exam Name: CCNP - Implementing Cisco IP Switched
Networks (SWITCH)

Version: DEMO

QUESTION 1

Which optional feature of an Ethernet switch disables a port on a point-to-point link if the port does not receive traffic while Layer 1 status is up?

- A. BackboneFast
- B. UplinkFast
- C. Loop Guard
- D. UDLD aggressive mode
- E. Fast Link Pulse bursts
- F. Link Control Word

Answer: D

QUESTION 2

Which three items are configured in MST configuration submode? (Select three)

- A. Region name
- B. Configuration revision number
- C. VLAN instance map
- D. IST STP BPDU hello timer
- E. CST instance map
- F. PVST+ instance map

Answer: ABC

QUESTION 3

By default, all VLANs will belong to which MST instance when using Multiple STP?

- A. MST00
- B. MST01
- C. the last MST instance configured
- D. none

Answer: A

QUESTION 4

Which MST configuration statement is correct?

- A. MST configurations can be propagated to other switches using VTP.
- B. After MST is configured on a Switch, PVST+ operations will also be enabled by default.
- C. MST configurations must be manually configured on each switch within the MST region.
- D. MST configurations only need to be manually configured on the Root Bridge.
- E. MST configurations are entered using the VLAN Database mode on Cisco Catalyst switches.

Answer: C

QUESTION 5

What does the command uddl reset accomplish?

- A. allows a UDLD port to automatically reset when it has been shut down
- B. resets all UDLD enabled ports that have been shutdown
- C. removes all UDLD configurations from interfaces that were globally enabled
- D. removes all UDLD configurations from interfaces that were enabled per-port

Answer: B

QUESTION 6

Drag and Drop Question

Categorize the high availability network resources or feature items on the left by dragging them to the appropriate resiliency or management level on the right.

dual power supplies	Management Level
RSTP	
IP SLA responder	
NSF	Network Level
NTP	
SSO	
	System Level

Answer:

Categorize the high availability network resources or feature items on the left by dragging them to the appropriate resiliency or management level on the right.

dual power supplies	Management Level
RSTP	IP SLA responder
IP SLA responder	NTP
NSF	Network Level
NTP	RSTP
SSO	NSF
	System Level
	dual power supplies
	SSO

QUESTION 7

What does the interface subcommand "switchport voice vlan 222" indicate?

- A. The port is configured for data and voice traffic.
- B. The port is fully dedicated to forwarding voice traffic.
- C. The port operates as an FXS telephony port.
- D. Voice traffic is directed to VLAN 222.

Answer: A

QUESTION 8

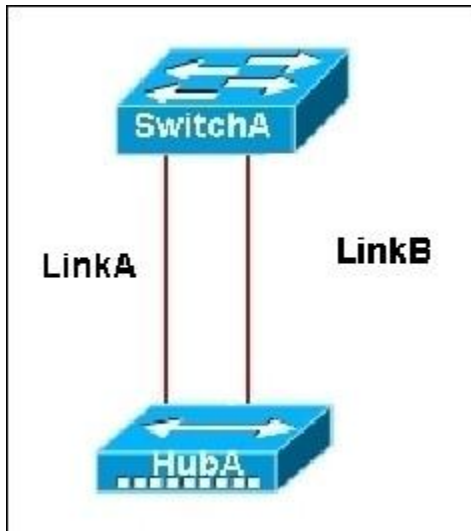
Which statement is a characteristic of multi-VLAN access ports?

- A. The port has to support STP PortFast.
- B. The auxiliary VLAN is for data service and is identified by the PVID.
- C. The port hardware is set as an 802.1Q trunk.
- D. The voice service and data service use the same trust boundary.

Answer: C

QUESTION 9

Refer to the exhibit. BPDUGuard is enabled on both ports of SwitchA. Initially, LinkA is connected and forwarding traffic. A new LinkB is then attached between SwitchA and HubA. Which two statements about the possible result of attaching the second link are true? (Choose two.)



- A. The switch port attached to LinkB does not transition to up.
- B. One or both of the two switch ports attached to the hub goes into the err-disabled state when a BPDU is received.
- C. Both switch ports attached to the hub transition to the blocking state.
- D. A heavy traffic load could cause BPDU transmissions to be blocked and leave a switching loop.
- E. The switch port attached to LinkA immediately transitions to the blocking state.

Answer: BD

QUESTION 10

Which two statements are true about recommended practices that are to be used in a local VLAN solution design where layer 2 traffic is to be kept to a minimum? (Choose two.)

- A. Routing should occur at the access layer if voice VLANs are utilized. Otherwise, routing should occur at the distribution layer.
- B. Routing may be performed at all layers but is most commonly done at the core and distribution layers.
- C. Routing should not be performed between VLANs located on separate switches.
- D. VLANs should be local to a switch.
- E. VLANs should be localized to a single switch unless voice VLANs are being utilized.

Answer: BD

QUESTION 11

What action should a network administrator take to enable VTP pruning on an entire management domain?

- A. Enable VTP pruning on any client switch in the domain.
- B. Enable VTP pruning on every switch in the domain.
- C. Enable VTP pruning on any switch in the management domain.
- D. Enable VTP pruning on a VTP server in the management domain.

Answer: D

QUESTION 12

How does VTP pruning enhance network bandwidth?

- A. by restricting unicast traffic across VTP domains
- B. by reducing unnecessary flooding of traffic to inactive VLANs
- C. by limiting the spreading of VLAN information
- D. by disabling periodic VTP updates

Answer: B

QUESTION 13

In the hardware address 0000.0c07.ac0a, what does 07.ac represent?

- A. vendor code
- B. HSRP group number
- C. HSRP router number
- D. HSRP well-known physical MAC address
- E. HSRP well-known virtual MAC address

Answer: E

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