



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.

Resources/Feature Items	Management Level	Network Level	System Level
dual power supplies			
RSTP			
IP SLA responder			
NSF			
NTP			
SSO			

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.

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Management Level	Network Level	System Level
IP SLA responder		
NTP		
	RSTP	
	NSF	
		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

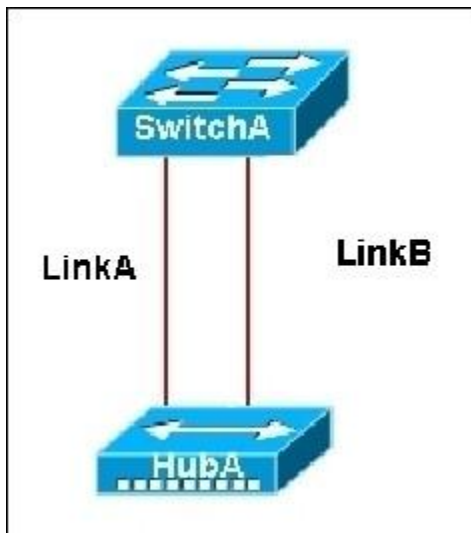
Which statement is a characteristic of multi-VLAN access ports?

- 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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