

# QUESTIONS & ANSWERS

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**Cisco**

# 300-115

*Implementing Cisco IP Switched Networks (SWITCH v2.0)*

**QUESTION: 272**

What VSS technology allows you to share downstream resources?

- A. LACP
- B. PAgP
- C. MEC
- D. EOA

**Answer: C**

**QUESTION: 273**

When Ether Channel guard is enabled and a misconfiguration is detected on a port, how does the port respond"?

- A. It enters the channel-error state
- B. enters the errdisable state
- C. The port remains up, but it is unable to pass traffic
- D. enters the shutdown state
- E. The port state remains unchanged, but the EtherChannel stays down.

**Answer: A**

**QUESTION: 274**

In which two ways are IEEE STP BPDUs forwarded if VLAN 99 is configured as native? (Choose two)

- A. VLAN 1 STP BPDUs are sent tagged on VLAN 1
- B. VLAN 1 STP BPDUs are sent tagged on VLAN 99
- C. VLAN 1 and VLAN 99 BPDUs are sent tagged on VLAN 1
- D. VLAN 1 STP BPDUs are sent untagged on VLAN 1
- E. VLAN 1 STP BPDUs are sent untagged on VLAN 99

**Answer:** D, E

**QUESTION:** 275

After you connected a host to switch port G0/1, the port error disabled. Which command can you enter to determine the reason?

- A. show ip interface brief
- B. Show run interface g0/1
- C. show interfaces g0/1 status
- D. show log

**Answer:** A

**QUESTION:** 276

A workstation technician moves a PC from one office desk to another. Before the move the PC Leading the way in IT testing and certification tools, has network connectivity After the move as the PC plugged into the now network port, it loses network connectivity and the network switch port becomes err disabled Which option can cause the Issue?

- A. wrong VLAN
- B. wrong switch port mode
- C. port security
- D. speed issue

**Answer:** C

**QUESTION:** 277

Which feature do you implement so that an interface enters the root inconsistent state if it receives a superior BPDU?

- A. DPDU filter
- B. root guard
- C. BPDU guard
- D. loop guard

**Answer:** C

**QUESTION: 278**

In which two ways can a port respond to a port-security violation? (Choose two.)

- A. The port enters the en-disabled state
- B. The Security Violation counter is incremented and the port sends an SNMP trap
- C. The Security Violation counter is incremented and the port sends a critical syslog message to the console
- D. The port triggers an EEM script to notify support staff and continues to forward traffic normally
- E. The port immediately begins to drop all traffic.
- F. The port enters the shutdown state.

**Answer:** A, F

**QUESTION: 279**

Which three functions does Dynamic ARP Inspection perform with invalid IP-to-MAC address bindings? (Choose three.)

- A. accepts
- B. deletes
- C. discards
- D. bypasses
- E. intercepts
- F. logs

**Answer:** C, E, F

**QUESTION: 280**

Which two statements about 802.1q are true? (Choose two)

- A. It encapsulates the original Ethernet frame and adds a VLAN identifier.
- B. It increases the maximum size an Ethernet frame to 1094 bytes.
- C. It is a Cisco proprietary protocol.
- D. When it is enabled, it forces a recalculation of the frame check sequence field.
- E. It supports 8-byte VLAN identifiers.
- F. It adds a 32-bit field to the Ethernet frame between the source MAC address and length fields.

**Answer:** B, E

**QUESTION: 281**

A physical switch port is part of an EtherChannel group. What happens while the same port configured as a SPAN destination?

- A. The port forwards traffic in the EtherChannel group and acts as a SPAN source simultaneously.
- B. The port is removed from the EtherChannel group.
- C. The port is put in the errdisabled state and can only be reenabled manually.
- D. The operation is not allowed as an EtherChannel member cannot be a SPAN source port.

**Answer: D**

**QUESTION: 282**

Which two statements about CDP are true? (Choose two.)

- A. CDP uses a TLV to advertise the native VLAN
- B. CDP is not supported with SNMP
- C. CDP is supported on Frame Relay sub interfaces.
- D. CDP runs on OSI layer 2
- E. CDP runs on OSI layer 1

**Answer: A, C**

**QUESTION: 283**

Which two combinations of Ether Channel modes support the formation of an EtherChannel? (Choose two.)

- A. desirable, passive
- B. desirable, desirable
- C. active, passive
- D. passive, passive
- E. active, desirable

**Answer: B, C**

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