

➤ **Vendor: Cisco**

➤ **Exam Code: 200-301**

➤ **Exam Name: CCNA - Cisco Certified Network Associate**

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**QUESTION 324**

In software defined architectures, which plane is distributed and responsible for traffic forwarding?

- A. management plane
- B. control plane
- C. policy plane
- D. data plane

**Answer: B**

**QUESTION 325**

When using Rapid PVST+, which command guarantees the switch is always the root bridge for VLAN 200?

- A. spanning -tree vlan 200 priority 614440
- B. spanning -tree vlan 200 priority 38572422
- C. spanning -tree vlan 200 priority 0
- D. spanning -tree vlan 200 root primary

**Answer: C**

**QUESTION 326**

An engineer requires a scratch interface to actively attempt to establish a trunk link with a neighbor switch. What command must be configured?

- A. switchport mode trunk
- B. switchport mode dynamic desirable
- C. switchport mode dynamic auto
- D. switchport nonegotiate

**Answer: C**

**QUESTION 327**

Which protocol prompts the Wireless LAN Controller to generate its own local web administration SSL certificate for GUI access?

- A. HTTPS
- B. RADIUS
- C. TACACS+
- D. HTTP

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Answer: A

**QUESTION 328**

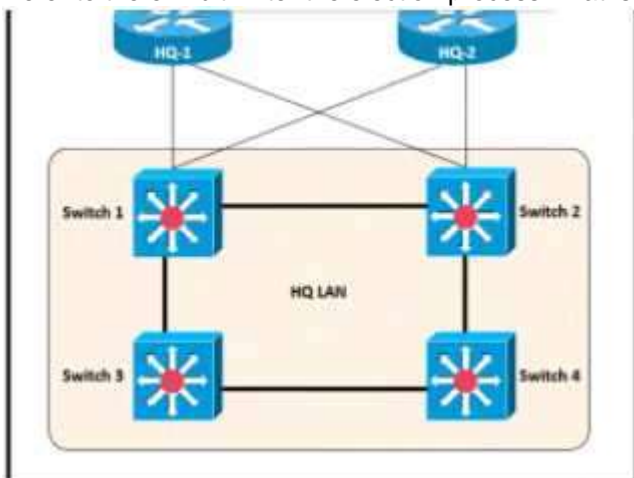
What are two recommendations for protecting network ports from being exploited when located in an office space outside of an IT closet? (Choose two)

- A. configure static ARP entries
- B. enable the PortFast feature on ports
- C. implement port-based authentication
- D. configure ports to a fixed speed
- E. shut down unused ports

Answer: CE

**QUESTION 329**

Refer to the exhibit. After the election process what is the root bridge in the HQ LAN?



Switch 1: 0C:E0:38:58:15:77  
Switch 2: 0C:0E:15:22:1A:51  
Switch 3: 0C:0E:15:1D:3C:9A  
Switch 4: 0C:E0:19:A1:4D:16

- A. Switch 1
- B. Switch 2
- C. Switch 3
- D. Switch 4

Answer: C

Section: (none)

Explanation/Reference:

**Explanation:**

The root bridge is determined by the lowest bridge ID, which consists of the priority value and the MAC address. Because the priority values of all of the switches are not available, the MAC address is used to determine the root bridge. Because S3 has the lowest MAC address, S3 becomes the root bridge.

**QUESTION 330**

What is the primary function of a Layer 3 device?

- A. to analyze traffic and drop unauthorized traffic from the Internet
- B. to transmit wireless traffic between hosts
- C. to pass traffic between different networks

D. forward traffic within the same broadcast domain

**Answer: B**

**QUESTION 331**

What is the same for both copper and fiber interfaces when using SFP modules?

- A. They support an inline optical attenuator to enhance signal strength
- B. They provide minimal interruption to services by being hot-swappable
- C. They offer reliable bandwidth up to 100 Mbps in half duplex mode
- D. They accommodate single-mode and multi-mode in a single module

**Answer: C**

**QUESTION 332**

What is a function of TFTP in network operations?

- A. transfers a backup configuration file from a server to a switch using a username and password
- B. transfers files between file systems on a router
- C. transfers a configuration files from a server to a router on a congested link
- D. transfers IOS images from a server to a router for firmware upgrades

**Answer: B**

**QUESTION 333**

Which CRUD operation modifies an existing table or view?

- A. read
- B. create
- C. replace
- D. update

**Answer: D**

**QUESTION 334**

An engineer must configure Interswitch VLAN communication between a Cisco switch and a third- party switch. Which action should be taken?

- A. configure IEEE 802.1p
- B. configure IEEE 802.1q
- C. configure ISL
- D. configure DSCP

**Answer: B**

**QUESTION 335**

What is a function of a remote access VPN?

- A. used cryptographic tunneling to protect the privacy of data for multiple users simultaneously
- B. used exclusively when a user is connected to a company's internal network
- C. establishes a secure tunnel between two branch sites
- D. allows the users to access company internal network resources through a secure tunnel

**Answer: A**