PortFast	BackboneFast
UplinkFast	BPDU Guard
BackboneFast	PortFast
Loop Guard	BPDU Filter
Root Guard	Loop Guard
BPDU Guard	UplinkFast
BPDU Filter	Root Guard

### **QUESTION 136**

Which technology should a company use to connect a branch office to headquarters via an Internet connection while maintaining confidentiality and the flexibility to run a routing protocol between the two locations?

- A. GRE over IPsec
- B. IPsec
- C. GRE
- D. SSL VPN

**Correct Answer:** A

### **QUESTION 137**

What information should be utilized to identify network applications that are running on an existing network infrastructure?

- A. customer information
- B. existing documentation
- C. traffic analysis
- D. external feedback
- E. user feedback

**Correct Answer:** C

### **QUESTION 138**

According to fundamental design principles, which location is best for implementing Cisco QoS policies?

# A. hardware

<u>200-310 Exam Dumps</u> <u>200-310 PDF Dumps</u> <u>200-310 VCE Dumps</u> <u>200-310 Q&As</u> <u>https://www.ensurepass.com/200-310.html</u>

- B. software
- C. Cisco 3900 Series Integrated Services Routers running IOS software
- D. WAN routers running IOS software

Correct Answer: A

### **QUESTION 139**

Which technology allow multiple instances of a routing table to coexist on the same router at the same time?

- A. vPC
- B. Cisco virtual router
- C. VRF
- D. VSS

**Correct Answer:** C

### **QUESTION 140**

What are two important aspects to consider when looking at backup circuit options for a branch location? (Choose two)

- A. local exchange carrier diversity
- B. type of dynamic routing protocol
- C. type of core switch
- D. backup MPLS connection
- E. Internet service provider diversity

Correct Answer: BE

# **QUESTION 141**

Which virtualization solution provides redundancy using a pair of switches that appear as one logical switch and removes the need for a First HOP Redundancy Protocol?

- A. VDC
- B. VRRP
- C. vPC
- D. VSS

# Correct Answer: D

### **Explanation:**

https://www.cisco.com/c/en/us/products/collateral/switches/catalyst-6500-virtual-switching-system-1440/prod\_qas0900aecd806ed74b.html

### **QUESTION 142**

A network engineer must collect application-level information of deep attack?

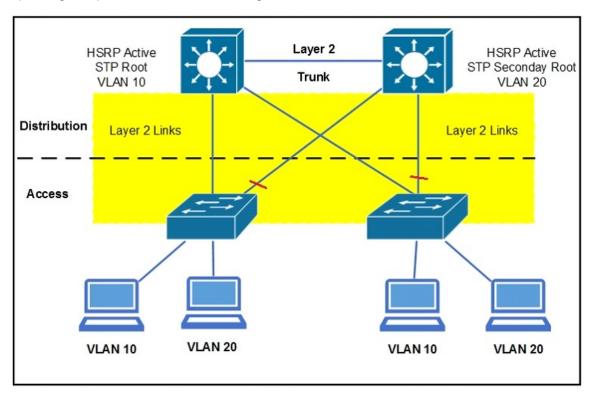
- A. NBAR
- B. CiscoWorks
- C. SNMP collector
- D. NetFlow collector

# E. Syslog

**Correct Answer:** A

### **QUESTION 143**

Refer to the exhibit. In this suboptimal design of a homogeneous Cisco network, which version of spanning tree provides the fastest convergence?



- A. PVST+
- B. CST
- C. RPVST
- D. VSTP
- E. PVST

**Correct Answer:** C

# **QUESTION 144**

Which option is one of the methods that Cisco routers and switches can use to share information between directly connected devices on a regular basis?

- A. NetFlow
- B. ARP
- C. NHRP
- D. CDP

Correct Answer: A QUESTION 145

A network engineer is tasked to upgrade and expand a large existing production network. From the IOS CLI, what two protocols can be used to build a topology map of the existing network? (Choose two.)

- A. SNMP
- B. IP SLA
- C. ICMP Echo
- D. LLDP
- E. Traceroute

Correct Answer: DE

### **QUESTION 146**

What three primary sources of information are needed to perform a network audit? (Choose three.)

- A. existing documentation
- B. new documentation
- C. existing network management software
- D. new network management tools
- E. management personnel
- F. technical personnel

Correct Answer: ACD

#### **QUESTION 147**

A network engineer must connect two sites. Each site has a different autonomous system number. Which method do you use to exchange?

- A. BGP
- B. IGP
- C. EIGRP
- D. OSPFv3

**Correct Answer:** A

# **QUESTION 148**

Consider the reservation of IP Addressing what mask you will use in a point to point connection between two Buildings?

- A. 255.255.252.0
- B. 255.255.255.252
- C. 255.255.255.254

Correct Answer: B

# **QUESTION 149**

DRAG DROP

Drag the security term on the left to the matching description on the right.

ACL	an access control method that is used to forward traffic that is generated from public networks to a specified segment of the corporate network
NAT	includes IOS features that perform network protocol conformance validations
DMZ	performs packet filtering to restrict access on which traffic types are forwarded through the corporate network
frewall	a security option that is used to hide an internal network address before packets are forwarded to another network

#### **Correct Answer:**

ACL	DMZ
NAT	firewall
DMZ	ACL
frewall	NAT

#### **QUESTION 150**

Which tool captures network traffic, decodes the protocols in the captured packets, and provides statistics to characterize errors, and response time?

- A. continuity tester
- B. protocol analyzer
- C. spectrum analyzer
- D. bit error rate tester

# Correct Answer: B Explanation:

Protocol analyzeris a tool that captures network traffic, decodes the protocols in the captured packets, and provides statistics to characterize load, errors, and response time