

CISCO资格认证考试：CCNP模拟试题-BSCI PDF转换可能丢失图片或格式，建议阅读原文

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Which of the following is a characteristic of link-state protocols?  
A. A network topology change generates an update that is broadcast to every router on the network.  
B. The periodic routing update interval is slightly different in each router on a subnet.  
C. Each router creates a routing table that only includes its directly connected neighbors.  
D. Link-state protocols send routing updates only when there is a change in the network topology.

7. What is the term associated with synchronizing the routing tables after a topology change occurs?  
A. flooding  
B. broadcasting  
C. convergence  
D. summarization

8. Which of the following must be determined first by the router in order to route the data?  
A. the distance metric of the data  
B. the source address of the data  
C. which routing protocol is used by the data  
D. whether the protocol suite of the data is active

9. You are a technician at ABC. ABC has the subnet/mask of 172.29.100.0/26 set aside for small remote locations. Each location will have 5 IP devices connected to the network. Which VLSM mask will provide the minimum number of hosts you require?  
A. /27  
B. /28  
C. /29  
D. /30  
E. /31

10. You are a trainee technician at ABC. Your instructor shows you the following route summarization entry: 192.168.134.0/22 Your instructor wants to know how many class C addresses are contained in this summarization. What would your reply be?  
A. 1  
B. 2  
C. 4  
D. 8  
E. 16

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