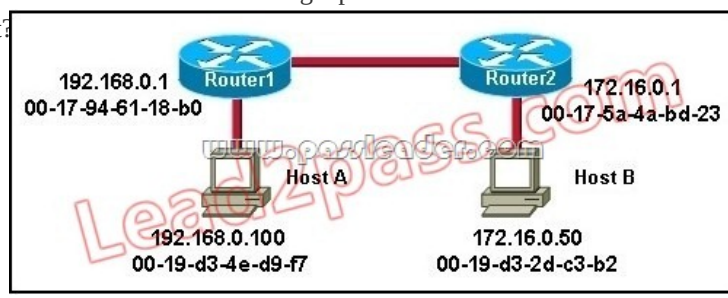
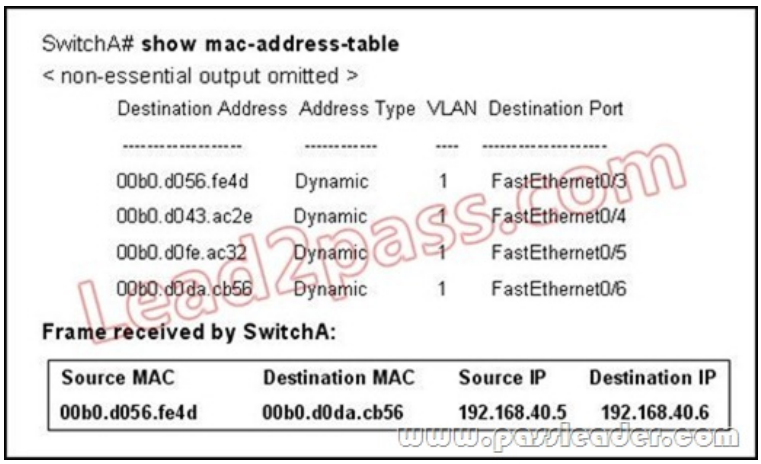
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A. 192.168.0.1B. 172.16.0.50C. 00-17-94-61-18-b0D. 00-19-d3-2d-c3-b2E. ff-ff-ff-ff-ff-ffF. 255.255.255.255 Answer: E QUESTION 6The network manager has requested a 300-workstation expansion of the network. The workstations are to be installed in a single broadcast domain, but each workstation must have its own collision domain. The expansion is to be as cost-effective as possible while still meeting the requirements. Which three items will adequately fulfill the request? (Choose three). A. one IP subnet with a mask of 255.255.254.0B. two IP subnets with a mask of 255.255.255.0C. seven 48-port hubsD. seven 48-port switchesE. one router interfaceF. seven router interfaces Answer: ADE QUESTION 7What are two common TCP applications? (Choose two.) A. TFTPB. SMTPC. SNMPD. FTPE. DNS Answer: BD QUESTION 8Refer to the exhibit. SwitchA receives the frame with the addressing shown. According to the command output also shown in the exhibit, how will SwitchA handle this frame?


SwitchA# **show mac-address-table**
< non-essential output omitted >

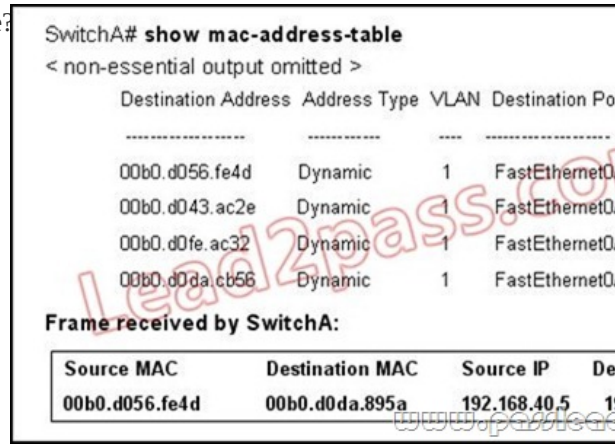
Destination Address	Address Type	VLAN	Destination Port
00b0.d056.fe4d	Dynamic	1	FastEthernet0/3
00b0.d043.ac2e	Dynamic	1	FastEthernet0/4
00b0.d0fe.ac32	Dynamic	1	FastEthernet0/5
00b0.d0da.cb56	Dynamic	1	FastEthernet0/6

Frame received by SwitchA:

Source MAC	Destination MAC	Source IP	Destination IP
00b0.d056.fe4d	00b0.d0da.cb56	192.168.40.5	192.168.40.6

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A. It will drop the frame.B. It will forward the frame out port Fa0/3 only.C. It will flood the frame out all ports.D. It will flood the frame out all ports except Fa0/3. Answer: D QUESTION 9Which two statements describe the operation of the CSMA/CD access method? (Choose two.) A. In a CSMA/CD collision domain, multiple stations can successfully transmit data simultaneously.B. In a CSMA/CD collision domain, stations must wait until the media is not in use before transmitting.C. The use of hubs to enlarge the size of collision domains is one way to improve the operation of the CSMA/CD access method.D. After a collision, the station that detected the collision has first priority to resend the lost data.E. After a collision, all stations run a random backoff algorithm. When the backoff delay period has expired, all stations have equal priority to transmit data.F. After a collision, all stations involved run an identical backoff algorithm and then synchronize with each other prior to transmitting data. Answer: BE QUESTION 10Refer to the exhibit. SwitchA receives the frame with the addressing shown in the exhibit. According to the command output also shown in the exhibit, how will SwitchA handle this frame?


SwitchA# **show mac-address-table**
< non-essential output omitted >

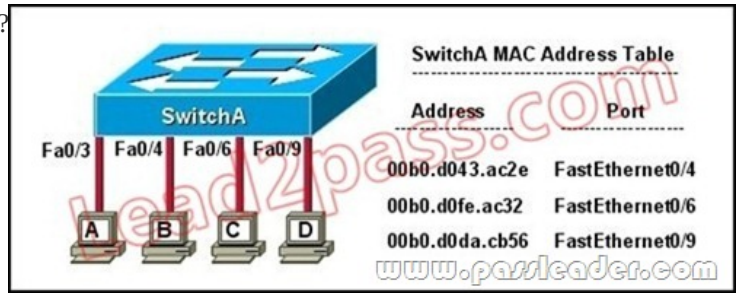
Destination Address	Address Type	VLAN	Destination Po
00b0.d056.fe4d	Dynamic	1	FastEthernet0
00b0.d043.ac2e	Dynamic	1	FastEthernet0
00b0.d0fe.ac32	Dynamic	1	FastEthernet0
00b0.d0da.cb56	Dynamic	1	FastEthernet0

Frame received by SwitchA:

Source MAC	Destination MAC	Source IP	De
00b0.d056.fe4d	00b0.d0da.895a	192.168.40.5	1

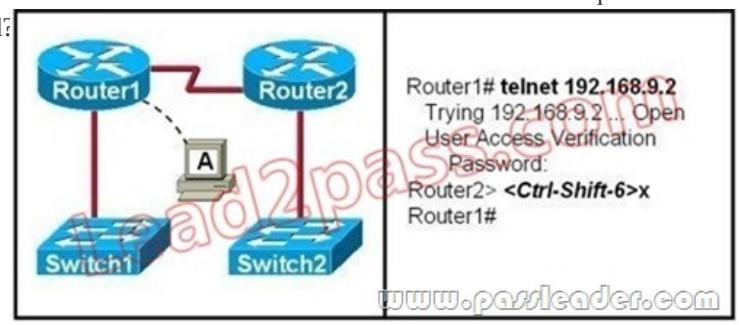
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A. It will drop the frame.B. It will forward the frame out port Fa0/6 only.C. It will forward the frame out port Fa0/3 only.D. It will flood the frame out all ports.E. It will flood the frame out all ports except Fa0/3. Answer: E QUESTION 11Refer to the exhibit. The exhibit is showing the topology and the MAC address table. Host A sends a data frame to host D. What will the switch do when it receives the frame from host A?

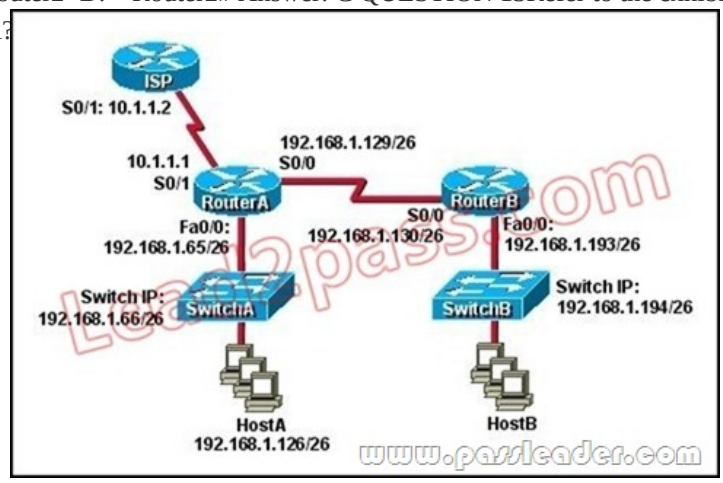


A. The switch will add the source address and port to the MAC address table and forward the frame to host D.B. The switch will discard the frame and send an error message back to host A.C. The switch will flood the frame out of all ports except for port Fa0/3.D. The switch will add the destination address of the frame to the MAC address table and forward the frame to host D.

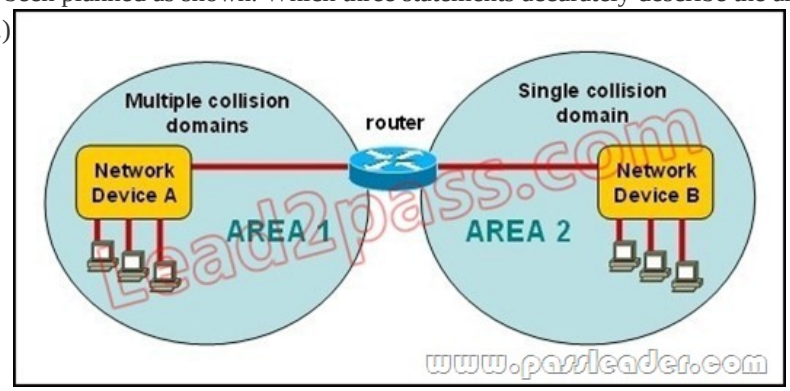
Answer: A QUESTION 12Refer to the exhibit. If the resume command is entered after the sequence that is shown in the exhibit, which router prompt will be displayed?



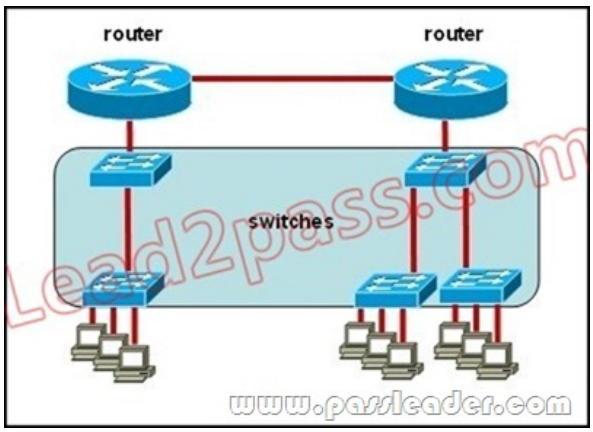
A. Router1>B. Router1#C. Router2>D. Router2# Answer: C QUESTION 13Refer to the exhibit. Which default gateway address should be assigned to HostA?



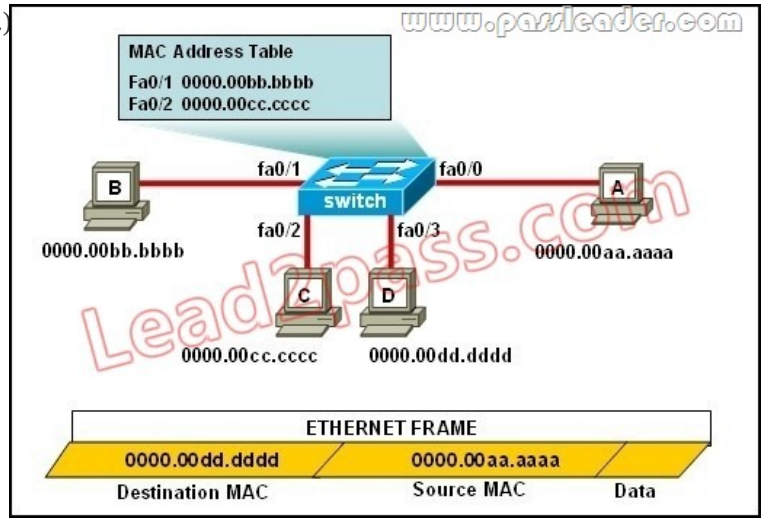
A. 192.168.1.1B. 192.168.1.65C. 192.168.1.66D. 192.168.1.129E. 10.1.1.1F. 10.1.1.2 Answer: B QUESTION 14Refer to the exhibit. A network has been planned as shown. Which three statements accurately describe the areas and devices in the network plan? (Choose three.)



A. Network Device A is a switch.B. Network Device B is a switch.C. Network Device A is a hub.D. Network Device B is a hub.E. Area 1 contains a Layer 2 device.F. Area 2 contains a Layer 2 device. Answer: ADE QUESTION 15Which two options will help to solve the problem of a network that is suffering a broadcast storm? (Choose two.) A. a bridgeB. a routerC. a hubD. a Layer 3 switchE. an access point Answer: BD QUESTION 16Refer to the exhibit. All devices attached to the network are shown. How many collision domains are present in this network?



A. 2B. 3C. 6D. 9E. 15 Answer: E QUESTION 17What does a host on an Ethernet network do when it is creating a frame and it does not have the destination address? A. drops the frameB. sends out a Layer 3 broadcast messageC. sends a message to the router requesting the addressD. sends out an ARP request with the destination IP address Answer: D QUESTION 18Refer to the exhibit. The ports that are shown are the only active ports on the switch. The MAC address table is shown in its entirety. The Ethernet frame that is shown arrives at the switch. What two operations will the switch perform when it receives this frame? (Choose two.)



A. The MAC address of 0000.00aa.aaaa will be added to the MAC address table.B. The MAC address of 0000.00dd.dddd will be added to the MAC address table.C. The frame will be forwarded out port fa0/3 only.D. The frame will be forwarded out fa0/1, fa0/2, and fa0/3.E. The frame will be forwarded out all the active ports. Answer: AD QUESTION 19A switch has 48 ports and 4 VLANs. How many collision and broadcast domains exist on the switch (collision, broadcast)? A. 4, 48B. 48, 4C. 48, 1D. 1, 48E. 4, 1 Answer: B QUESTION 20Which address type does a switch use to make selective forwarding decisions? A. source IP addressB. destination IP addressC. source and destination IP addressD. source MAC addressE. destination MAC address Answer: E Download the newest PassLeader 100-101 dumps from passleader.com now! 100% Pass Guarantee! 100-101 PDF dumps & 100-101 VCE dumps: http://www.passleader.com/100-101.html (238 Q&As) (New Questions Are 100% Available and Wrong Answers Have Been Corrected!) P.S. Free 100-101 PDF dumps download from Google Drive: https://drive.google.com/open?id=0B-ob6L_QjGLpWXpiS19TTDNRdzg (Explanation For Every Question Is Available!)