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QUESTION 41EIGRP uses which algorithm to build a routing table? A.   Dijkstra's algorithmB.   Floyd-Warshall algorithmC.   Diffusing Update AlgorithmD.   Johnson's algorithm Answer: C QUESTION 42A network engineer has implemented a looped triangle switch block design. What element must be included in the design? A.   first hop redundancy protocolB.   Layer 2 links between access switchesC.   single uplinks between access and distribution switchesD.   VLANs that span access switchesE.   Layer 3 links between distribution switches Answer: A QUESTION 43Refer to the exhibit. Which two features can enable high availability for first-hop Layer 3 redundancy? (Choose two.)
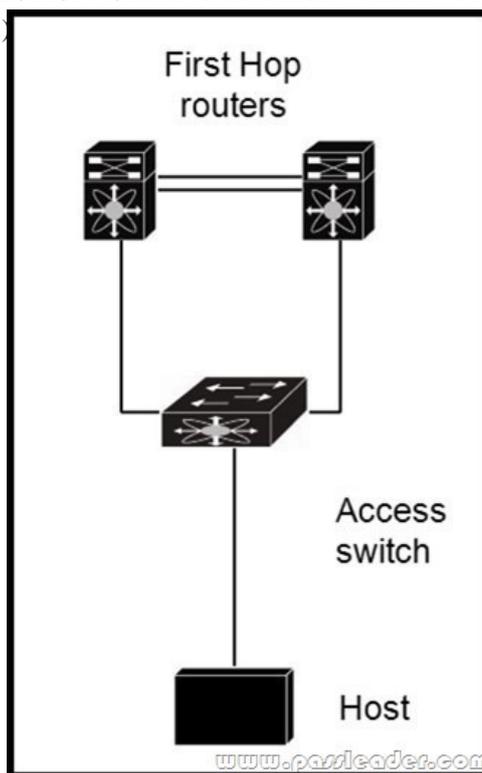
A.   VPCB.   IGMP V2C.   VRRPD.   PIME.   HSRP Answer: CE QUESTION 44To which network layer should Cisco Express Forwarding be tuned to support load balancing and to make more informed forwarding decisions? A.   Layer 1B.   Layer 2C.   Layer 3D.   Layer 4E.   Layer 5F.   Layer 6G.   Layer 7 Answer: D QUESTION 45A Layer 2 switch in the network has recently started broadcasting traffic out of every port and is impacting network performance. The engineering department determines that a MAC overflow attack is the cause. Which two features can protect and mitigate the damage of the attacks? (Choose two.) A.   Storm ControlB.   Port SecurityC.   SPAND.   BPDU FiltersE.   IP Source GuardF.   VACLs Answer: AB QUESTION 46Refer to the exhibit. Based on the configuration, why are routers R1 and R2 not exchanging OSPF routes?
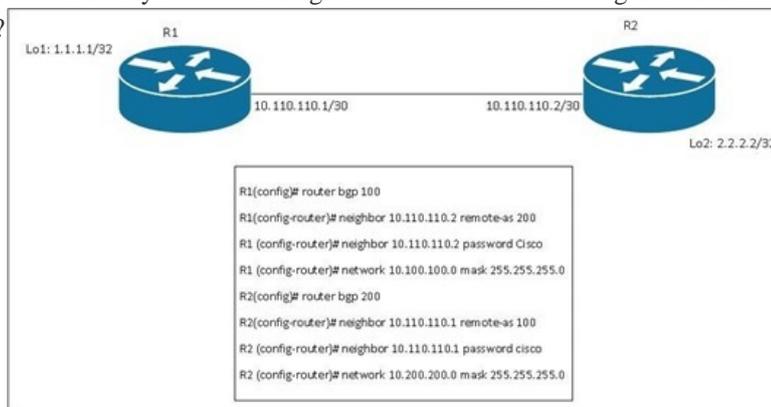
```
R1(config)# router ospf 2
        R1(config)# network 10.10.10.0 0.0.0.255 area 1
        R1(config)# network 20.20.20.0 0.0.0.255 area 2
        R1(config)# router-id 15.15.15.15
        R2(config)# router ospf 10
        R2(config)# network 10.10.10.0 0.0.0.255 area 1
        R2(config)# network 20.20.20.0 0.0.0.255 area 2
        R2(config)# router-id 16.16.16.16
```

A.   The OSPF process numbers are different.B.   There is no backbone area configured.C.   The router IDs are different.D.   OSPF is not enabled on the interfaces. Answer: B QUESTION 47An engineer notices that many BGP peers utilize the same configuration parameters. What can the engineer configure to simplify BGP neighbor statements and generate more efficient BGP peer updates? A.   peer groupsB.   policy templatesC.   session templatesD.   peer address families Answer: A QUESTION 48 What is the correct state between two BGP peers that are neighbors? A.   activeB.   operationalC.   establishedD.   up Answer: C QUESTION 49Refer to the exhibit. A network engineer manually reconfigures the BGP configuration on newly upgraded router R1. However, the BGP neighbor relationship does not come up with the directly connected neighbor router. What is causing the failure of the BGP neighbor relationship between routers R1 and R2?

```
R1                                                    R2
Lo1: 1.1.1.1/32

            10.110.110.1/30        10.110.110.2/30
                                                      Lo2: 2.2.2.2/32

        R1(config)# router bgp 100
        R1(config-router)# neighbor 10.110.110.2 remote-as 200
        R1 (config-router)# neighbor 10.110.110.2 password Cisco
        R1 (config-router)# network 10.100.100.0 mask 255.255.255.0
        R2(config)# router bgp 200
        R2(config-router)# neighbor 10.110.110.1 remote-as 100
        R2 (config-router)# neighbor 10.110.110.1 password cisco
        R2 (config-router)# network 10.200.200.0 mask 255.255.255.0
```

A.   An incorrect neighbor IP address for router R2 is configured on router R1.B.   An incorrect neighbor AS number is configured on router R1 for router R2.C.   The wrong BGP authentication password is configured on router R1.D.   Router R1 must configure the R2 loopback address as the neighbor IP address. Answer: C QUESTION 50Which option is a primary requirement for the deployment of an IPv6-enabled network via the native method (dual-stack model) within the enterprise campus environment? A. hardware-based switching support for IPv6 forwarding on all campus switchesB.   restriction of IPv6-enabled devices to the core layerC.   manual implementation of tunneling between IPv6-incompatible devices in an IPv4-over-IPv6 tunnelD.   disabling of multicast in the distribution layer prior to implementation of IPv6 Answer: A

http://www.passleader.com/300-320.html QUESTION 51Which multicast address must be available for FHRP advertisements in a multivendor environment? A.   224.0.0.9B.   224.0.0.18C.   224.0.0.102D.   224.0.0.2 Answer: B QUESTION 52Which feature must be configured for the VRRP-enabled router to regain the master VRRP status upon recovery from a failure? A.   priorityB. authenticationC.   pre-emptionD.   Stateful Switchover Answer: C QUESTION 53Which protocol should be configured if a network administrator wants to configure multiple physical gateways to participate simultaneously in packet forwarding? A.   HSRP B.   VRRPC.   GLBPD.   VTP Answer: C QUESTION 54Which Nexus feature enables you to support server connectivity with

one topology and address requirement for both high availability and high bandwidth? A.   vPCB.   vPC+C.   StackwiseD.   EvPC Answer: D QUESTION 55Which technology can block interfaces and provide a loop-free topology? A.   STPB.   VSSC.   VLAN D.   vPC Answer: A QUESTION 56Which technology allows network managers to centrally manage the VLAN database? A. VTPB.   VLANC.   VSSD.   vPC Answer: A QUESTION 57Which feature can be used in the Cisco Nexus 7000 to create a snapshot of the current configuration? A.   Cisco FabricPathB.   HSRPC.   RollbackD.   vPC Answer: C QUESTION 58A company has hired an entry-level network administrator for its new data center. The company CIO wants to give the administrator limited access on the newly configured Cisco Nexus 7000. Which feature should be used to allow limited access? A.   NACB. VDCC.   RBACD.   vPC Answer: C QUESTION 59Which option prevents the dropping of asymmetrically routed packets in active/active failover paired firewalls? A.   Nothing can be done to prevent this from happening.B.   Configure different policies on both firewalls.C.   Assign similar interfaces on each firewall to the same asymmetric routing group.D.   Assign similar interfaces on each firewall to a different asymmetric routing group. Answer: C QUESTION 60Refer to the exhibit. Which option should be the default gateway for the PC1 that is shown?
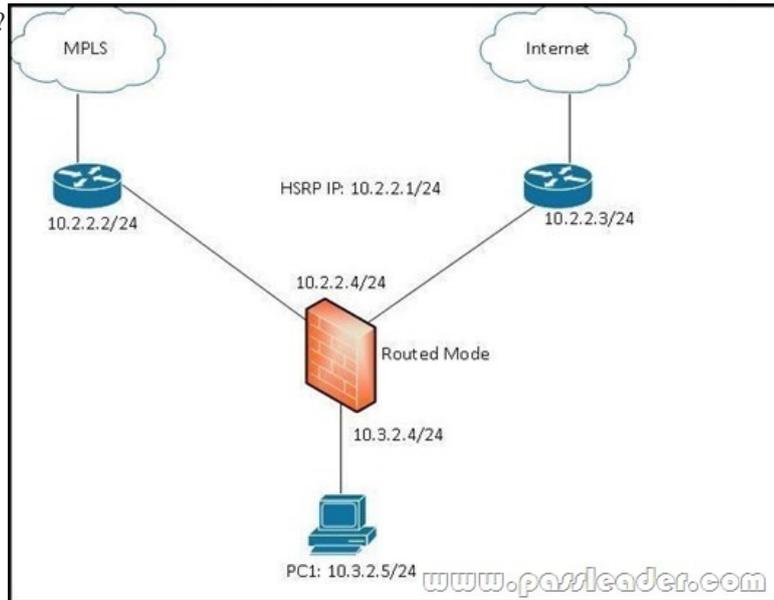
A.   10.3.2.4B.   10.2.2.2C.   10.2.2.1D.   10.2.2.3 Answer: A