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Cisco
Exam Questions 200-301
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NEW QUESTION 1
Which IPv6 address type provides communication between subnets and cannot route on the Internet?

A. global unicast  
B. unique local  
C. link-local  
D. multicast  

Answer: B

NEW QUESTION 2
Which command prevents passwords from being stored in the configuration as plain text on a router or switch?

A. enable secret  
B. service password-encryption  
C. username Cisco password encrypt  
D. enable password  

Answer: B

NEW QUESTION 3
What are two southbound APIs? (Choose two)

A. OpenFlow  
B. NETCONF  
C. Thrift  
D. CORBA  
E. DSC  

Answer: CD

NEW QUESTION 4
An email user has been lured into clicking a link in an email sent by their company’s security organization. The webpage that opens reports that it was safe but the link could have contained malicious code. Which type of security program is in place?

A. Physical access control  
B. Social engineering attack  
C. brute force attack  
D. user awareness  

Answer: B

NEW QUESTION 5
Which type of address is the public IP address of a NAT device?

A. outside global  
B. outside local  
C. inside global  
D. inside local  
E. outside public  
F. inside public  

Answer: C

NEW QUESTION 6
When OSPF learns multiple paths to a network, how does it select a route?

A. It multiple the active K value by 256 to calculate the route with the lowest metric.  
B. For each existing interface, it adds the metric from the source router to the destination to calculate the route with the lowest bandwidth.  
C. It divides a reference bandwidth of 100 Mbps by the actual bandwidth of the existing interface to calculate the route with the lowest cost.  
D. It count the number of hops between the source router and the destination to determine the route with the lowest metric  

Answer: A

NEW QUESTION 7
Drag and drop the threat-mitigation techniques from the left onto the types of threat or attack they mitigate on the right. check the answer below.
NEW QUESTION 8
What are two characteristics of a controller-based network? (Choose two)
A. The administrator can make configuration updates from the CLI
B. It uses northbound and southbound APIs to communicate between architectural layers
C. It moves the control plane to a central point.
D. It decentralizes the control plane, which allows each device to make its own forwarding decisions
E. It uses Telnet to report system issues.

Answer: AC

NEW QUESTION 9
What is the default behavior of a Layer 2 switch when a frame with an unknown destination MAC address is received?
A. The Layer 2 switch drops the received frame
B. The Layer 2 switch floods packets to all ports except the receiving port in the given VLAN.
C. The Layer 2 switch sends a copy of a packet to CPU for destination MAC address learning.
D. The Layer 2 switch forwards the packet and adds the destination MAC address to its MAC address table

Answer: B

NEW QUESTION 10
Refer to the exhibit.

Which route does R1 select for traffic that is destined to 192.168.16.2?
A. A.-192.168.16.0/21
B. 192.168.16.0/24
C. 192.168.26.0/26
D. 192.168.16.0/27

Answer: B

NEW QUESTION 11
Refer to the exhibit.

Drag and drop the networking parameters from the left onto the correct values on the right. Check the answer below.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 12
Which two actions influence the EIGRP route selection process? (Choose two)

A. The router calculates the reported distance by multiplying the delay on the exiting Interface by 256.
B. The router calculates the best backup path to the destination route and assigns it as the feasible successor.
C. The router calculates the feasible distance of all paths to the destination route
D. The advertised distance is calculated by a downstream neighbor to inform the local router of the bandwidth on the link
E. The router must use the advertised distance as the metric for any given route

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NEW QUESTION 13
Which QoS Profile is selected in the GUI when configuring a voice over WLAN deployment?

A. Bronze  
B. Platinum 
C. Silver 
D. Gold

Answer: B

NEW QUESTION 14
Which statement identifies the functionality of virtual machines?

A. Virtualized servers run most efficiently when they are physically connected to a switch that is separate from the hypervisor  
B. The hypervisor can virtualize physical components including CP, memory, and storage 
C. Each hypervisor can support a single virtual machine and a single software switch 
D. The hypervisor communicates on Layer 3 without the need for additional resources

Answer: D

NEW QUESTION 15
Refer to the exhibit.

A network engineer must block access for all computers on VLAN 20 to the web server via HTTP. All other computers must be able to access the web server.

Which configuration when applied to switch A accomplishes this task?
NEW QUESTION 16
Which two tasks must be performed to configure NTP to a trusted server in client mode on a single network device? (Choose two)

A. Enable NTP authentication.
B. Verify the time zone.
C. Disable NTP broadcasts
D. Specify the IP address of the NTP server
E. Set the NTP server private key

Answer: DE

NEW QUESTION 17
Which result occurs when PortFast is enabled on an interface that is connected to another switch?

A. Spanning tree may fail to detect a switching loop in the network that causes broadcast storms
B. VTP is allowed to propagate VLAN configuration information from switch to switch automatically.
C. Root port choice and spanning tree recalculation are accelerated when a switch link goes down
D. After spanning tree converges PortFast shuts down any port that receives BPDUs.

Answer: A

NEW QUESTION 18
When a floating static route is configured, which action ensures that the backup route is used when the primary route fails?

A. The floating static route must have a higher administrative distance than the primary route so it is used as a backup
B. The administrative distance must be higher on the primary route so that the backup route becomes secondary.
C. The floating static route must have a lower administrative distance than the primary route so it is used as a backup
D. The default-information originate command must be configured for the route to be installed into the routing table

Answer: A

NEW QUESTION 19
When a site-to-site VPN is used, which protocol is responsible for the transport of user data?

A. IKEv2
B. IKEv1
C. IPsec
D. MD5

Answer: C
NEW QUESTION 20
Which MAC address is recognized as a VRRP virtual address?

A. 0000.5E00.010a
B. 0005.3711.0975
C. 0000.0C07.AC99
D. 0007.C070/AB01

Answer: A

NEW QUESTION 21
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