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**Exam** : **H12-224-ENU**

**Title** : **HCNP-R&S Fast Track**

**Vendor** : **Huawei**

**Version** : **DEMO**

**NO.1** Huawei switches provide port isolation.

Which of the following statements regarding port isolation is false?

- A.** Huawei switches support 64 isolation groups numbered 0 to 63.
- B.** You can configure Layer 2 and Layer 3 isolation or Layer 2 isolation and Layer 3 interworking.
- C.** If interface A is isolated from interface B, packets sent from interface A cannot reach interface B, but packets sent from interface B can reach interface A.
- D.** FE interfaces, GE interfaces, XGE interfaces, and Eth-Trunks can be isolated from one another, but an interface cannot be isolated from itself or from the management interface unidirectionally. In addition, an Eth-Trunk cannot be isolated unidirectionally from its member interfaces.

**Answer:** A

**NO.2** Which of the following statements regarding VRRP is false?

- A.** When VRRP is used, the virtual router ID and virtual IP address need to be configured on the router, the MAC address of the master router is used, so a virtual router is added on the network.
- B.** A virtual router consists of one master router and several backup routers. The master router provides forwarding function. When the master router fails, a backup router becomes the new master router and takes over its work.
- C.** Hosts on the network communicate with the virtual router. There is no need to learn all information of physical routers on the network.
- D.** The Virtual Router Redundancy Protocol (VRRP) is designed for networks with multicast and broadcast capabilities, such as Ethernet networks. VRRP ensures that the next hop router can be replaced by another router if it fails so that uninterrupted and reliable communication is guaranteed.

**Answer:** A

**NO.3** OSPF supports multi-process. Multiple OSPF processes can run on the same router, and they are independent of each other. Route exchange between different OSPF processes is similar to route exchange between different routing protocols.

- A.** TRUE
- B.** FALSE

**Answer:** A

**NO.4** ACL have two types of matching order: configuration order and automatic order.

- A.** FALSE
- B.** TRUE

**Answer:** B

**NO.5** Which of the following statements regarding AS\_Path is false?

- A.** AS\_Path is a very important well-known mandatory attribute in BGP.
- B.** AS\_Path is a list of ASs that a BGP route passes through.
- C.** When a router has two or more routes to the same destination, the router compares the AS\_Path attributes of these routes and prefers the route with the longer AS\_Path attribute.
- D.** BGP does not accept the routes whose AS\_Path attribute contains the local AS number.

**Answer:** C

**NO.6** Using default routes between routers is a cost-effective solution, but this consumes more system resources than complete routing table.

- A. TRUE
- B. FALSE

**Answer:** B

**NO.7** In the Agile Controller's access control scenario, Which of the following statements regarding the roles of the RADIUS server and client is true?

- A. The Agile Controller as the RADIUS server, while the user terminal as the RADIUS client.
- B. The Agile Controller as the RADIUS server, while the authentication device (such as a 802.1X switch) as the RADIUS client.
- C. The Agile Controller integrates all functions of the RADIUS server and client.
- D. The authentication device (such as a 802.1X switch as the RADIUS server, while the user terminal as the RADIUS client.

**Answer:** B

**NO.8** Which of the following statements regarding the MPLS forwarding process is false?

- A. After an IP packet enters the MPLS network, the ingress LER will analyze the IP packet and add proper labels to the packet.
- B. If a LSP fails to forward data, the MPLS control plane responsible for ISP setup can detect this error.
- C. The main function of MPLS forwarding plane can add labels or delete labels from an IP packet, and forward the received packets based on the label forwarding table. The forwarding plane is connection-oriented.
- D. MPLS can use Ping or Traceroute to detect LSP errors and locate faulty nodes.

**Answer:** B

**NO.9** During EBGP peer relationship troubleshooting, it is found that two directly connected devices set up connections using loopback interfaces. Therefore, the display current-configuration configuration bgp command is executed to check the configuration of peer ebgp-max-hop hop-count. Which of the following statements is correct?

- A. The hop count must be greater than 1.
- B. The hop count must be greater than 2.
- C. The hop count must be greater than 255.
- D. The hop count must be greater than 15.

**Answer:** A

**NO.10** Which of the following are highlights of the Service Chain component of the Agile Controller? (Multiple Choice)

- A. Services are orchestrated based on the Layer 3 GRE tunnels and service devices can be deployed flexibly.
- B. Services are orchestrated automatically, without the need for manual maintenance.
- C. Adding or deleting service devices does not change the physical topology of the live network and existing routes.

**D.** Service orchestration operations are visualized in the topology, simplifying the configuration and management.

**Answer:** A,C,D

**NO.11** In the ACL configuration command `ad [number] ad-number [match-order { auto | config }]`, the `ad-number` parameter specifies an ACL number.

Which of the following is the range of basic ACL numbers?

**A.** 0-1000

**B.** 3000-3999

**C.** 2000-2999

**D.** 1000-3999

**Answer:** C

**NO.12** Which of the following statements regarding multicast are false? (Multiple Choice)

**A.** Multicast technology is based on TCP, so it can ensure reliable transmission of packets.

**B.** Multicast technology is applicable to most of point-to-multipoint data transmission applications.

**C.** Unicast and broadcast technologies cannot implement point-to-multipoint transmission. Only multicast technology can implement this function.

**D.** Multicast technology can reduce redundant traffic and conserve bandwidth on a network.

**Answer:** A,C

**NO.13** To prevent inter-area routing loops, OSPF does not allow advertising routing information between two non-backbone areas and allows advertising routing information only within an area or between the backbone area and a non-backbone area. Therefore, each ABR must be connected to the backbone area.

**A.** FALSE

**B.** TRUE

**Answer:** B

**NO.14** According to BGP route selection rules, the manually summarized routes generated using the `aggregate` command are preferred over the automatically summarized routes generated using the `summary automatic` command.

**A.** FALSE

**B.** TRUE

**Answer:** B

**NO.15** Which of the following LSAs are advertised only within a single area? (Multiple Choice)

**A.** AS External LSA

**B.** Router LSA

**C.** Summary LSA

**D.** Network LSA

**Answer:** B,D

**NO.16** DHCP uses different types of packets to implement different functions.

Which of the following is the function of the DHCP Offer packet?

- A.** The DHCP server sends DHCP Offer packets to respond to the DHCP Discover packets sent by the DHCP client, providing requested configuration parameters
- B.** The DHCP Offer packets are broadcast by the DHCP client to detect available servers
- C.** The DHCP server sends a DHCP Offer packet to the client, carrying configuration parameters, such as the IP address
- D.** The DHCP client sends a DHCP Offer packet to the DHCP server to request configuration parameters, configuration acknowledgement, or extension of the IP address lease

**Answer:** A

**NO.17** When OSPF runs in a broadcast network, DR and BDR need to be elected. In which state will DR and BDR be elected?

- A.** Init state
- B.** 2-way state
- C.** Attempt state
- D.** Exchange state

**Answer:** B

**NO.18** Which command is used to enable association between BFD and VRRP?

- A.** vrrp vrid 1 track bfd-session session-name 1 reduced 100
- B.** vrrp vrid 1 track bfd-session-name 1 reduced 100
- C.** track vrrp vrid 1 bfd-session session-name 1 reduced 100
- D.** bfd-session vrrp vrid 1 track session-name 1 reduced 100

**Answer:** A

**NO.19** How is CAPEX defined?

- A.** Daily expenditure
- B.** One-time expenditure
- C.** Capital expenditure
- D.** Cost expenditure

**Answer:** C

**NO.20** RSTP defines different ports compared with STP.

Which of the following ports cannot work in forwarding state? (Multiple Choice)

- A.** Designated port
- B.** Backup port
- C.** Alternate port
- D.** Root port

**Answer:** B,C