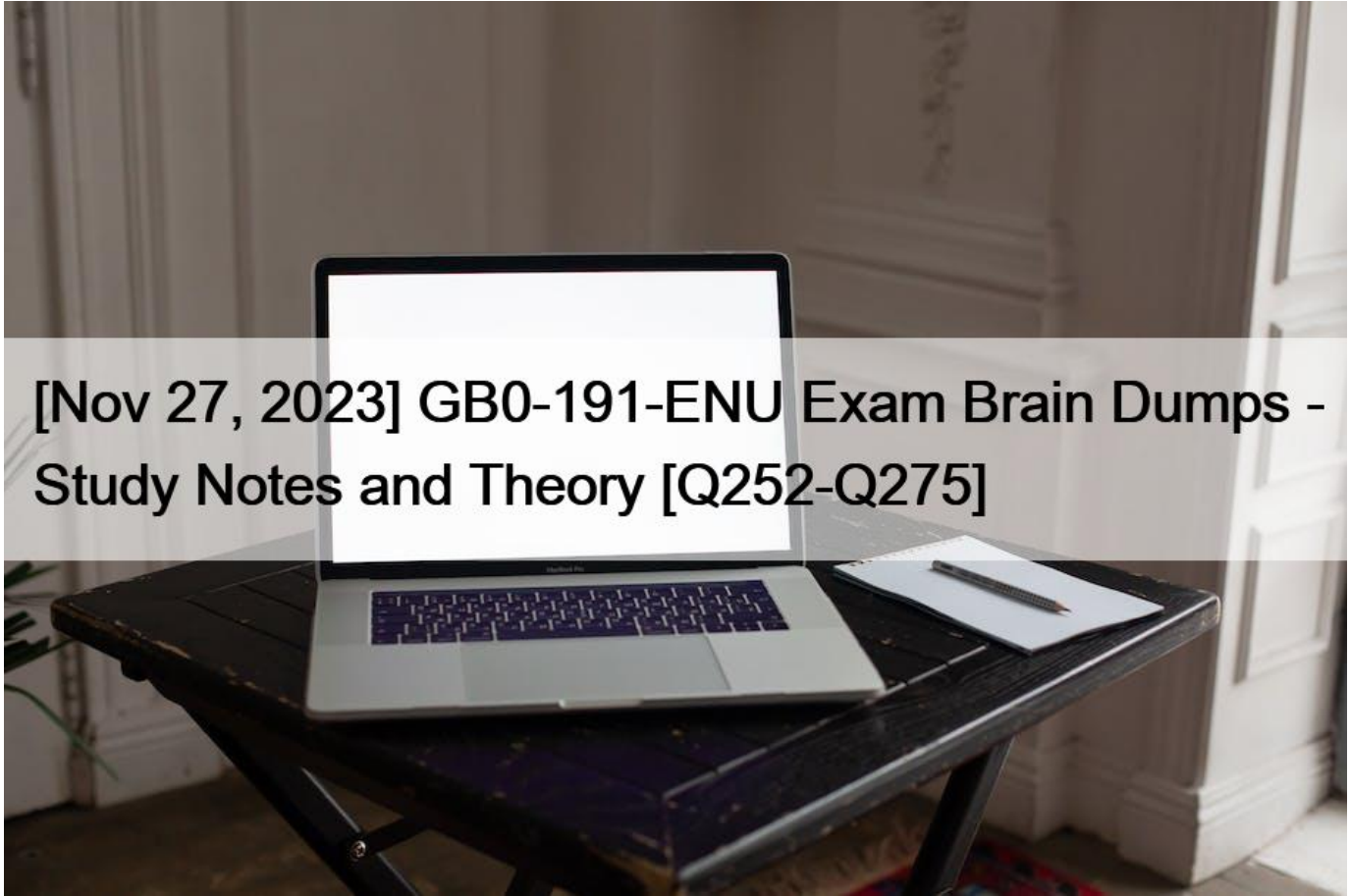


[Nov 27, 2023 GB0-191-ENU Exam Brain Dumps - Study Notes and Theory [Q252-Q275]



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Q252. The customer's network connection looks like:

```
HostA---GE0/0/MSR-1---S1/0---WAN---S1/0---MSR-2---GE0/0---HostB
```

Both routers are factory default configuration.

The four interfaces of the router are configured with correct IP addresses. The two hosts HostA and HostB are configured with IP addresses and gateways. Assuming that all physical connections are normal, then _____. (Multiple choice)

- * At least one static route needs to be configured on each router to realize the intercommunication between HostA and HostB
- * At least 2 static routes need to be configured on each router to realize the intercommunication between HostA and HostB
- * No route is configured on the router, HostA can ping the IP address of interface S1/0 of MSR-2
- * No route is configured on the router, HostA can ping the IP address of interface S1/0 of MSR-1

Q253. The routing table seen on an MSR router is as follows:

Destination/Mask Proto Pre Cost NextHop Interface

6.6.6.0/24 Static 60 0 100.1.1.1 GE0/0

8.8.8.8/32 Direct 0 0 127.0.0.1 InLoop0

20.1.1.0/24 Static 60 0 100.1.1.1 GE0/0

30.0.0.0/8 RIP 100 1 100.1.1.1 GE0/0

Then the correct analysis of this routing table is _____.

- * The IP address of GE0/0 on the router is 100.1.1.1
- * The next hop interface of the route whose destination network segment is 8.8.8.8/32 is InLoop0, indicating that the next hop of the route is a virtual interface similar to Null0, and the route is a black hole route
- * The router is running RIPv1 because the mask of the destination network segment 30.0.0.0 is a natural mask
- * The routing table is not the complete routing table of the router, and the complete routing table should have at least the direct network segment route of interface GE0/0

Q254. In the following statement about HDLC, what is wrong is _____. (Multiple choice)

- * HDLC can run on the same/asynchronous link, so it has a wide range of applications.
- * The HDLC protocol is a bit-oriented transport layer protocol.
- * Any bit stream can be transparently transmitted on the HDLC link.
- * The HDLC protocol uses a unified frame format, so both data messages and protocol messages are transmitted in standard format frames on the HDLC link.

Q255. The correct statement about STP, RSTP and MSTP is _____. (Multiple choice)

- * RSTP is an optimized version of the STP protocol. The delay for the port to enter the forwarding state is greatly shortened under certain conditions, which shortens the time required for the network to finally reach topological stability.
- * MSTP cannot converge quickly. When the network topology changes, the originally blocked port needs to wait for a period of time before it becomes the forwarding state.
- * MSTP is compatible with RSTP, but not compatible with STP.
- * MSTP can make up for the shortcomings of STP and RSTP. It can not only converge quickly, but also enable the traffic of different VLANs to be forwarded along their respective paths, thereby providing a better load sharing mechanism for redundant links.

Q256. The FTP protocol is a protocol based on _____.

- * UDP
- * TCP
- * PX
- * SSH

Q257. After configuring the relevant configuration of the Telnet service on the router, the router can be pinged from the PC, but the Telnet router fails, and the PC keeps showing that it is connecting to x.x.x.x. The possible reason is _____. (Multiple choice)

- * The intermediate network routing configuration is incorrect
- * The Telnet password is incorrectly set
- * The router Telnet service is not started
- * The intermediate network prevents the PC from initiating a connection to the router's TCP port 23

Q258. On the MSR router, the configuration file is a file saved in _____ format.

- * Batch file
- * text file
- * executable file
- * database file

Q259. On the MSR router, if you want to download files from FTP Server, you should use the _____ command in the FTP command.

- * get
- * put
- * download
- * load

Q260. If a port running STP in the Ethernet switch does not receive or forward data, receives and sends BPDUs, and does not perform address learning, then the port should be in the _____ state.

- * Blocking
- * Listening
- * Learning
- * Forwarding
- * Waiting
- * Disable

Q261. Execute the following configuration commands on the router:

```
[Router] dhcp enable
```

```
[Router] server forbidden-ip 192.168.1.10
```

```
[Router] server forbidden-ip 192.168.1.254
```

```
[Router] dhcp server ip-pool 0
```

```
[Router-dhcp-pool-0] network 192.168.1.0 mask 255.255.255.0
```

```
[Router-dhcp-pool-0] gateway-list 192.168.1.254
```

```
[Router-dhcp-pool-0] dns-list 192.168.1.10
```

```
[Router-dhcp-pool-0] expired day 5
```

After completing the above configuration, which of the following statements are correct? (multiple choice)

- * The router has a DHCP relay function
- * There are 252 addresses that the router can assign to the host
- * The router has a DHCP server function
- * The host can obtain the DNS server address 192.168.1.10 from the router through the DHCP service

Q262. The Layer 2 Ethernet switch searches the MAC address table for an entry that matches the destination MAC address of the frame, thereby forwarding the frame from the corresponding interface. If the search fails, the switch will _____.

- * discard the frame
- * Send the frame from all other ports except the incoming port

- * Find fast forwarding table
- * Find routing table

Q263. The messages exchanged between the DHCP relay and the DHCP server use _____.

- * unicast
- * broadcast
- * multicast
- * anycast

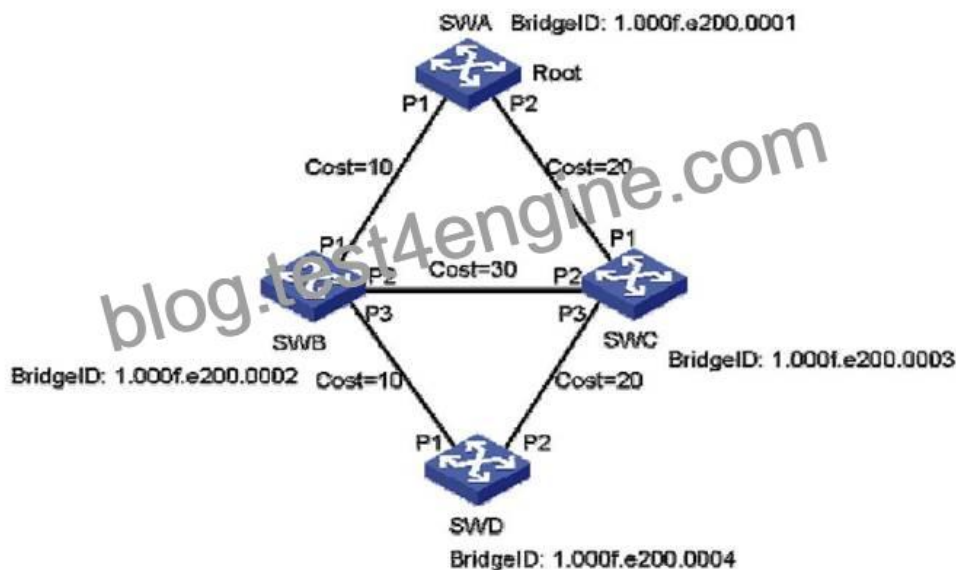
Q264. The basic process of Layer 2 forwarding of an Ethernet switch includes _____.

- * Add or refresh MAC address table entries according to the source MAC address and VLAN ID information of the received Ethernet frame;
- * Search the MAC address table according to the destination MAC address, if no match is found, then broadcast in the VLAN corresponding to the message;
- * If a match is found, but the port corresponding to the entry does not belong to the VLAN corresponding to the packet, then the frame is discarded;
- * If a match is found and the port corresponding to the entry belongs to the VLAN corresponding to the packet, then the packet is forwarded to that port, but if the port corresponding to the entry is the same as the port that received the Ethernet frame, the packet is discarded. frame

Q265. According to the different ways the switch processes VLAN data frames, the port types of H3C Ethernet switches are divided into _____. (Multiple choice)

- * access port
- * trunk port
- * Mirror port
- * hybrid port
- * monitor port

Q266. In the switching network shown in the figure, all switches have enabled the STP protocol.



SWA was selected as the root bridge. According to the information in the figure, the _____ port should be set to the Blocking

state. (Multiple choice)

- * P1 of SWC
- * P2 of SWC
- * P1 of SWD
- * P2 of SWD
- * Insufficient information, unable to judge

Q267. The two routers MSR-1 and MSR-2 are interconnected through the S0/0 interface, and the two routers learn the routes of the LAN segment by running the RIP protocol.

See the following configuration commands on MSR-1:

```
[MSR-1-Serial0/0] rip authentication-mode md5 rfc2453 H3C
```

Then the correct interpretation of this command is _____. (Multiple choice)

- * Configure RIP to use MD5 plaintext authentication
- * Configure RIP to use MD5 cipher text authentication
- * Specify the message format specified by RFC2453 for MD5 authentication
- * Specify the H3C private extended protocol message format for MD5 authentication

Q268. The customer's routers MSR-1 and MSR-2 are interconnected through their GigabitEthernet0/0, and RIP is running between the two routers. RIP has correctly completed remote routing learning. The following configuration is added on MSR-1: firewall enable acl number 3000 rule 0 deny udp destination-port eq 520 rule 5 permit ip and this ACL is applied to the inbound direction of MSR-1 interface GigabitEthernet0/0. So _____ .

- * MSR-1 still has the RIP route to the opposite end
- * MSR-1 cannot learn the RIP route of the opposite end
- * MSR-2 still has the RIP route to the opposite end
- * MSR-2 cannot learn the RIP route of the opposite end

Q269. IPv6 uses _____ notation to represent addresses.

- * colon hexadecimal
- * dotted decimal
- * colon decimal
- * dotted hexadecimal

Q270. The correct statement about STP, RSTP and MSTP is _____. (Multiple choice)

- * MSTP is compatible with STP and RSTP.
- * STP cannot converge quickly. When the network topology changes, the originally blocked port will need to wait for a period of time before it becomes the forwarding state.
- * RSTP is an optimized version of the STP protocol. The delay for the port to enter the forwarding state is greatly shortened under certain conditions, which shortens the time required for the network to finally reach topological stability.
- * MSTP can make up for the shortcomings of STP and RSTP. It can not only converge quickly, but also enable the traffic of different VLANs to be forwarded along their respective paths, thereby providing a better load sharing mechanism for redundant links.

Q271. The network administrator of a certain enterprise needs to set a subnet mask to divide the class C network 211.110.10.0 that he is responsible for into at least 8 subnets. How many subnet masks can be used for division? (multiple choice)

- * 28
- * 27
- * 26

- * 29
- * 25

Q272. The rate of the D channel in ISDN BRI is _____.

- * 54 Kbps
- * 64 Kbps
- * 36 Kbps
- * 16 Kbps

Q273. On the MSR router, use the _____ command to view the current running version of the device.

- * display running
- * display software
- * display version
- * display current-version

Q274. Use the _____ command to specify the operating system software to be used for the next startup.

- * startup
- * boot-loader
- * bootfile
- * boot startup

Q275. The following description of the characteristics of the router is correct _____. (Multiple choice)

- * It is a network layer device
- * Route and forward according to link layer information
- * Provide rich interface types
- * Can support multiple routing protocols

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