



**Free Questions for H31-161 by dumpsheet**

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## Question 1

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**Question Type:** MultipleChoice

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Which functions does the bearer network NMS mainly provide?

### Options:

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- A- Monitoring network traffic
- B- Switchover time of a device's active/standby system
- C- Monitoring device load(CPU and Memory)
- D- Packet loss delay

### Answer:

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A, C, D

## Question 2

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**Question Type:** MultipleChoice

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On the IP bearer network, media and signaling packets must first be guaranteed by PQ scheduling.

The IP priority of protocol packets on the routers is 6 or 7, and these packets must also first be guaranteed. Other data packets are placed in the BE queue for scheduling. However, devices cannot be connected in inband Telnet mode if network congestion occurs. Which of the following statements are true?

**Options:**

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- A-** Telnet packets are discarded during network congestion because the IP priority of Telnet packets is 0 and is scheduled in the BE queue.
- B-** Telnet packets are protocol packets and join high-priority queues by default.
- C-** You can improve the priority of Telnet packets and add them to the PQ queue to ensure them during network congestion.
- D-** The UDP port number for Telnet packets is 23.

**Answer:**

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A, C

## Question 3

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**Question Type:** MultipleChoice

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User A wants to obtain a better network service for business development and signs an SLA with a carrier. User A purchases a bandwidth of 5 Mbit/s to ensure the voice service (requiring short delay), video service, key data services, and other services. If you were the carrier's network administrator, what would you do on the PE to ensure these services?

### Options:

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- A-** Mark the VoIP service as EF, set the CIR to 1 Mbit/s, and set the PIR to 1 Mbit/s; mark the video service as AF4, set the CIR to 2 Mbit/s, and set the PIR to 2 Mbit/s; mark key data services as AF1, set the CIR to 2 Mbit/s, and the PIR to 5 Mbit/s; mark other services as BE, set the CIR to 0 Mbit/s, and set PIR to 5 Mbit/s.
- B-** Mark the VoIP service as AF4, set the CIR to 0 Mbit/s, and set the PIR to 1 Mbit/s; mark the video service as EF and set the CIR and PIR to 5 Mbit/s; mark key data services as AF3, set the CIR to 2 Mbit/s, and the PIR to 5 Mbit/s; mark other services as BE, set the CIR to 0 Mbit/s, and set PIR to 2 Mbit/s.
- C-** Mark the VoIP service as EF and set the CIR and PIR to 2 Mbit/s; mark the video service as AF3 and set the CIR and PIR to 2 Mbit/s; mark key data services as AF4, set the CIR to 2 Mbit/s, and the PIR to 5 Mbit/s; mark other services as BE, set the CIR to 0 Mbit/s, and set PIR to 5 Mbit/s.
- D-** Mark the VoIP service as EF, set the CIR to 0 Mbit/s, and set the PIR to 1 Mbit/s; mark the video service as AF4 and set the CIR and PIR to 2 Mbit/s; mark key data services as AF3, set the CIR to 1 Mbit/s, and the PIR to 5 Mbit/s; mark other services as AF1, set the CIR to 2 Mbit/s, and set PIR to 5 Mbit/s.

### Answer:

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D

## Question 4

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**Question Type:** MultipleChoice

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A gold user and a common user access a carrier network through the MPLS Layer 3 VPN. On the entire MPLS network (from PE to PE), the carrier performs queue scheduling for the gold user by trusting the IP priority of the user and for the common user by using the carrier's own operation policy. Which of the following is the tunnel mode of the MPLS differentiated service for the gold user and common user, respectively?

**Options:**

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- A- pipe; short pipe
- B- short pipe; pipe
- C- uniform; pipe
- D- uniform; short pipe

**Answer:**

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D

## Question 5

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**Question Type: MultipleChoice**

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An IPTV bearer network requires the broadband TV (BTV), VOD, and near video on demand (NVOD) services. Video programs use the standard MPEG 4 codec format. Which of the following statements about the QoS policy are true?

**Options:**

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- A-** To ensure the IPTV service quality on the user side, reserve 4 Mbit/s bandwidth for the IPTV service for each user and plan extra bandwidth for the broadband Internet service.
- B-** To ensure the IPTV service quality on the user side, reserve 2.5 Mbit/s bandwidth for the IPTV service for each user and plan extra bandwidth for the broadband Internet service.
- C-** Ensure that the BTV service has a higher priority than the VOD/NVOD service, and forward the downstream traffic and some protocol packets, such as the IGMP and PIM packets in priority.
- D-** Ensure that the VOD/NVOD service has a higher priority than the BTV service and guarantee QoS of both the upstream and downstream traffic.

**Answer:**

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B, C

## Question 6

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### Question Type: MultipleChoice

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On a metropolitan area network, VIP customers access the network through the MPLS VPN to ensure their security. Which of the following security deployments are required for PEs?

#### Options:

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- A-** Configure the CP-CAR on the interface connected to the CE.
- B-** Deploy protocol authentication if a router protocol is used between PEs and CEs.
- C-** Configure the ACL to filter out data packets with common network viruses at the interface connected to the CE.
- D-** Configure the ACL to filter out IP packets that use the IP address of the CE-connected interface as the destination address.

#### Answer:

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B, C

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