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QUESTION 1

A financial company requires that a custom TCP-based stock-trading application be prioritized over all other traffic for the business due to the associated revenue. The company also requires that VoIP be prioritized for manual trades. Which directive should be followed when a QoS strategy is developed for the business?

- A. Allow VoIP and the custom application to share the same priority queue,
- B. The custom application and VoIP must be assigned their own separate priority queue.
- C. Interleave the custom application with other TCP applications in the same CBWR
- D. Avoid placing the custom application in a CBWFQ queue that contains other

Correct Answer: B

Assigning separate priority queues for the custom application and VoIP ensures that they are given the highest priority and can be transmitted with minimal delay, regardless of the traffic congestion on the network.

QUESTION 2

A customer has a functional requirement that states HR systems within a data center should be segmented from other systems that reside in the same data center and same VLAN. The systems run legacy applications by using hard-coded IP addresses. Which segmentation method is suitable and scalable for the customer?

- A. data center perimeter firewalling
- B. VACLs on data center switches
- C. transparent firewalling
- D. routed firewalls

Correct Answer: B

VLAN (Virtual LAN) is a concept in which we divide the broadcast domain into smaller broadcast domains logically at layer 2. If we create different VLANs then by default, a host from one VLAN can communicate with all the hosts residing in the same VLAN. If we want some hosts not able to reach other hosts within the same VLAN, then the concept of VLAN Access-list or Private VLAN can be used.

QUESTION 3

Which extensions to GRE tunneling provide session tracking and in-order packet delivery in exchange for additional state stored in tunnel endpoints?

- A. GRE Protocol Type and Checksum extension fields.
- B. GRE Version and Reserved0 extension fields.
- C. No extension fields are available in the GRE header to track session data and packet sequences.



D. GRE Key and Sequence number extensions.

Correct Answer: D

QUESTION 4

A consultant needs to evaluate project management methodologies for a new service deployment on the existing network of a customer. The customer wants to be involved in the end-to-end project progress and be provided with frequent updates. The customer also wants the ability to change the requirements if needed, as the project progresses. Which project management methodology should be used?

- A. three principles
- B. phased
- C. Agile
- D. Waterfall

Correct Answer: C

QUESTION 5

Which two technologies enable multilayer segmentation? (Choose two.)

- A. policy-based routing
- B. segment routing
- C. data plane markings
- D. firewalls
- E. filter lists

Correct Answer: AD

Firewalls for sure. <https://community.cisco.com/t5/security-knowledge-base/segmentation-policy-using-sgt-in-pbr-pdf/tap/3651240>

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