600-210Q&As

Implementing Cisco Service Provider Mobility UMTS Networks

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QUESTION 1

Which option lists the correct order of the SS7 routing flow in the Cisco ASR 5000 SGSN system?

A. The call control profile is checked for any rejection, then the map-service is checked for any form of routing definitions.

B. The map-service is checked for any form of routing definitions, then the call control profile is checked for any rejection.

C. The call control profile is checked for any rejection, then the SGSN-Service is checked for any rejection.

D. The SGSN service is checked for any rejection, then the call control profile is checked for any rejection.

Correct Answer: A

QUESTION 2

Refer to the exhibit.

```
[local] ASR5500# show diameter peers full all
--------------------------------------------------------------------
Context: dia                    Endpoint: cisco
--------------------------------------------------------------------
Peer Hostname: peer.cisco
 Local Hostname: sessmgr.cisco
 Peer Realm: cisco
 Local Realm: cisco
 Peer Address: 172.16.196.1:3868
 Local Address: 192.168.47.15:47447
 State: IDLE[TCP]
 CPU.2/0                              Task. sessmgr
 Messages Out/Queued: 0/0
 Supported Vendor IDs: 10415,12645
 Admin Status: Enable
```

The locally configured Diameter peer does not seem to be communicating with its remote peer. Which option describes the problem?

A. Ports are not correctly configured.

B. No common AVP was found during capabilities exchange procedure.

C. The transport layer connection is not established.

D. Diameter does not support TCP as a transport protocol.

Correct Answer: C

QUESTION 3

Your company wants to limit bandwidth for Skype traffic. You have been tasked to configure Application Detection and Control using the Cisco ASR 5000 to detect Skype traffic for all subscribers. If Skype traffic is detected, limit the uplink and downlink data rate to 32 kb/s. Which required configuration is needed to complete this task?

A. active-charging service ACS_ACME p2p-detection protocol skype

ruledef skype_detection

p2p protocol = skype

exit

charging-action skype_rate_limit

content-id 1500

flow limit-for-bandwidth direction downlink peak-data-rate 32000 peak-burst- 8000 violate- action

discard

flow limit-for-bandwidth direction uplink peak-data-rate 32000 peak-burst- 8000 violate- action discard

rulebase acme_rulebase

action priority 1000 ruledef skype_detection charging-action skype_rate_limit

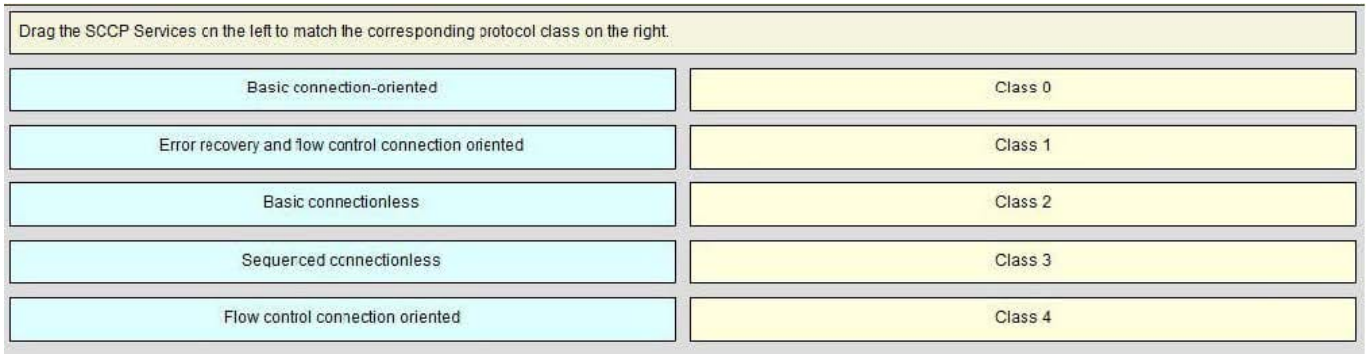
B. active-charging service ACS_ACME ruledef skype_detection p2p protocol = skype exit charging-action skype_rate_limit content-id 1500 flow limit-for-bandwidth direction downlink peak-data-rate 16000 peak-burst- 8000 violate- action discard flow limit-for-bandwidth direction uplink peak-data-rate 16000 peak-burst- 8000 violate- action discard rulebase acme_rulebase action priority 32000 ruledef skype_detection charging-action skype_rate_limit

C. active-charging service ACS_ACME p2p-detection protocol skype ruledef skype_detection p2p protocol = skype flow limit-for-bandwidth direction downlink peak-data-rate 32000 peak-burst- 8000 violate- action discard flow limit-for-bandwidth direction uplink peak-data-rate 32000 peak-burst- 8000 violate- action discard exit rulebase acme_rulebase action priority 1000 ruledef skype_detection

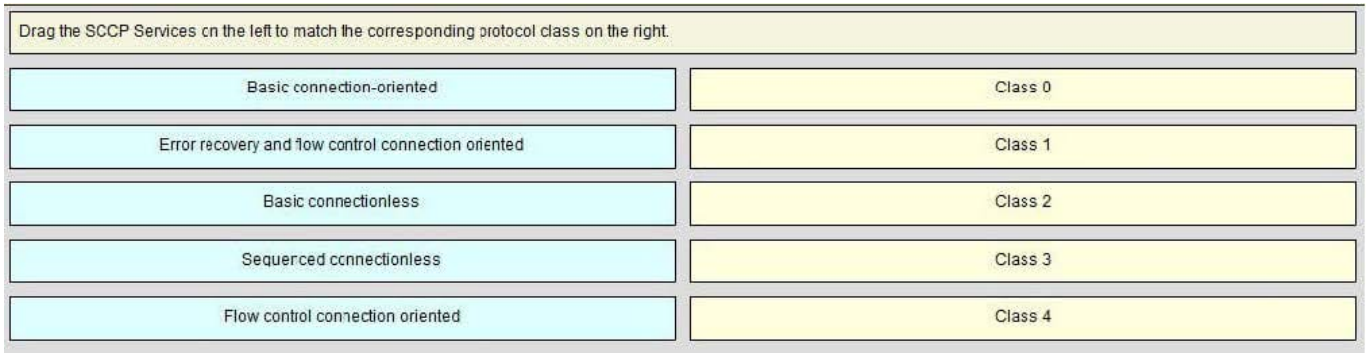
D. active-charging service ACS_ACME p2p-detection protocol skype ruledef skype_detection p2p protocol = skype_traffic exit charging-action skype_rate_limit content-id 1500 flow limit-for-credit direction downlink peak-data-rate 32000 peak-burst- 8000 violate- action discard flow limit-for-credit direction uplink peak-data-rate 32000 peak-burst-8000 violate-action discard rulebase acme_rulebase action priority 1000 ruledef skype_detection charging-action skype_rate_limit

Correct Answer: A

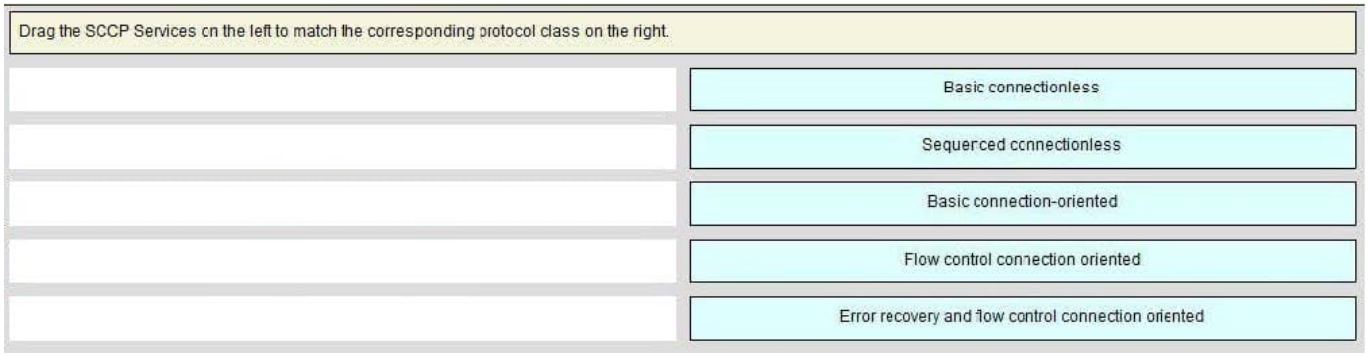
QUESTION 4



Select and Place:



Correct Answer:



QUESTION 5

Which statement describes HTTP header enrichment and its uses?

A. HTTP header enrichment allows the operator to define a policy that inserts x-header fields into HTTP POST or GET request packets to provide specific subscriber information such as IMSI or MSISDN to the HTTP server without changing the protocol.

B. HTTP header enrichment is the process that allows HTTP headers to be compressed for optimal transfer across the network.

C. HTTP header enrichment allows the operator to define a policy that detects the HTTP packet that requires header enrichment. If a match occurs, the policy drops the packet, modifies the packet inline with quality of service definitions,

or creates a log message and forwards the packet unmodified.

D. HTTP header enrichment is the process in which a HTTP packet is analyzed for missing or partial header fields. If missing fields are detected or incomplete, the Cisco ASR 5000 can then take action to insert a new header, repair an existing header, create a log entry, and forward the packet.

Correct Answer: A