

DUMPS ARENA

Implementing Cisco Service Provider Mobility UMTS Networks (SPUMTS)

Cisco 600-210

Version Demo

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QUESTION NO: 1

Your company is adding additional subscriber IP network ranges and requires many-to-one NAT to be configured on the Cisco ASR 5000 for the subscriber IP network 10.11.23.0/24. The public IP range is 172.20.21.20 172.20.21.110, and each IP has no more than 100 subscribers. Which configuration option accomplishes this task?

- A.** active-charging service ACS_ACME access-ruledef apn_cisco ip src-address = 10.11.23.0/24 fw-and-nat policy base_1 access-rule priority 1 access-ruledef apn_cisco permit nat-realm nat_pool1 nat policy nat-required default-nat-realm nat_pool1 rulebase acme_rulebase fw-and-nat default-policy base_1 context cisco ip pool nat_pool1 range 172.20.21.20 172.20.21.110 napt-users-per-ip-address 100
- B.** active-charging service ACS_ACME access-ruledef apn_cisco ip src-address = 10.11.0.0/16 fw-and-nat policy base_1 access-rule priority 1 access-ruledef apn_cisco permit nat-realm nat_pool1 nat policy nat-required default-nat-realm nat_pool1 rulebase acme_rulebase fw-and-nat default-policy base_1 context cisco ip pool nat_pool1 range 172.20.21.20 172.20.21.110 napt-users-per-ip-address 1000
- C.** active-charging service ACS_ACME access-ruledef apn_cisco ip src-address = 10.11.23.0/24 nat-and-pat policy nat_1 access-rule priority 1 access-ruledef apn_cisco permit nat-realm nat_pool1 nat policy nat-required default-nat-realm nat_pool1 context cisco ip pool nat_pool1 range 172.20.21.20 172.20.21.29 napt-users-per-ip-address 100
- D.** active-charging service ACS_ACME access-ruledef apn_cisco ip src-address = 10.11.23.0/24 fw-and-nat policy base_1 access-rule priority 1 access-ruledef apn_cisco permit nat-realm nat_pool1 nat policy nat-required default-nat-realm nat_pool1 rulebase acme_rulebase fw-and-nat default-policy base_1 context cisco ip pool nat_pool1 range 172.20.21.20 172.20.21.29 napt-users-per-ip-address 100

ANSWER: A**QUESTION NO: 2**

Which two configurations are required for narrow band SS7 configuration in the Cisco ASR 5000 system? (Choose two.)

- A.** link type configuration in the SS7 routing domain
- B.** framing type configuration at the card level
SCCP network association at the port level
- C.** lu-PS service association at the port level
- D.** peer server configuration at the SS7 routing domain

ANSWER: A B**QUESTION NO: 3**

Which version of GTP supports piggybacking of GTP messages?

- A. GTPv0
- B. Gn-prime
- C. GTPv1
- D. GTPv2
- E. GTPv1-prime

ANSWER: D

QUESTION NO: 4

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.

ANSWER: A

QUESTION NO: 5

Which two nodes implement the GTP-U protocol in a UMTS network? (Choose two.)

- A. Gateway GPRS Support Node
- B. Base Station Controller
- C. Radio Network Controller
- D. Home Location Registrar
- E. Mobility Management Entity
- F. Mobile Switching Center

ANSWER: A B

QUESTION NO: 6 - (DRAG DROP)

DRAG DROP

Drag and arrange the steps on the left in the correct order on the right that indicates how DPC+ SSN based routing in SGSN is performed on the Cisco ASR 5000.

Select and Place:

SS7 routing domain from the SCCP network is picked and point code in the SS7 RD is available	First
SCCP network in the map-service	Second
SSN service state is in-service in the SCCP network	Third
DPC in the SCCP network is accessible	Fourth

ANSWER:

SS7 routing domain from the SCCP network is picked and point code in the SS7 RD is available	SCCP network in the map-service
SCCP network in the map-service	SS7 routing domain from the SCCP network is picked and point code in the SS7 RD is available
SSN service state is in-service in the SCCP network	DPC in the SCCP network is accessible
DPC in the SCCP network is accessible	SSN service state is in-service in the SCCP network

Explanation:

QUESTION NO: 7

When Wi-Fi offloading is enabled, which authentication protocol is used by the TTG over the Wm interface to authenticate/retrieve subscription information at the time of PDP activation?

- A. IPsec
- B. EAP
- C. SSL
- D. CHAP

ANSWER: B

QUESTION NO: 8

Which two transport protocols does the Diameter base protocol run on? (Choose two.)

- A. UDP
- B. TCP
- C. DCCA
- D. SCTP
- E. GRE
- F. DCCP

ANSWER: B D

QUESTION NO: 9

Which two parameters are used on the Cisco ASR 5000 GGSN to build the RADIUS authentication attribute Acct-Session-ID, sent within the RADIUS Disconnect-Request? (Choose two.)

- A. charging-ID
- B. IMSI
- C. RADIUS client IP address
- D. NSAPI
- E. framed-IP-address
- F. username

ANSWER: A C

QUESTION NO: 10

Which option describes the ICAP protocol?

- A. ICAP is a protocol designed to enable inter-device communications for different vendor systems to share information about subscribers in a common format. ICAP allows for subscriber session control for actions such as session disconnect and suspension.
- B. ICAP is a protocol designed to enable subscribers to communicate in a peer-to-peer network for file sharing purposes and is often used to circumvent upstream content filtering.
- C. ICAP is a communication access package consisting of a mixed platform of services such as web, FTP, and authentication. ICAP is used to minimize the deployment footprint and expedite new offerings for Internet service providers.

D. ICAP is a protocol designed to support dynamic content filtering, insertion, and modification of web pages. ICAP allows interaction with external content servers such as parental control (content filtering) servers to provide content filtering service support.

ANSWER: D