

600-212^{Q&As}

Implementing Cisco Service Provider Mobility LTE Networks

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QUESTION 1

Which two options are two functions of a proxy CSCF? (Choose two.)

- A. a SIP registrar that is responsible for session management
- B. an entity in IMS that connects with the ENUM server for the number portability function
- C. a SIP proxy node that acts as a signaling entry point into IMS
- D. an entity in IMS that works on both signaling and bearer domain
- E. an entity in IMS that connects with PCRF via the Rx interface
- F. an entity in IMS that interacts with application servers

Correct Answer: CE

QUESTION 2

Which option is the location of the SWx reference point?

- A. between 3GPP AAA server and HSS
- B. between 3GPP AAA proxy and HSS
- C. between 3GPP AAA server and untrusted non-3GPP IP access
- D. between ePDG and UE

Correct Answer: A

QUESTION 3

Which two APN names are recommended by GSMA IR.88 / IR.92 in the Voice over LTE solution? (Choose two.)

- A. Voice
- B. Emergency
- C. SOS
- D. IMS
- E. Video
- F. SIP

Correct Answer: CD

QUESTION 4

Which option describes the flow of the S6a configuration on the Cisco ASR 5000 system?

- A. MME-service, hss-peer-service, diameter endpoint, peer configuration
- B. MME-service, diameter endpoint, hss-peer-service, peer configuration
- C. MME-service, diameter endpoint, S6a-service, peer configuration
- D. s6a-service, hss-peer-service, diameter endpoint, peer configuration

Correct Answer: A

QUESTION 5

Which two statements about the Diameter message direction on the Rf interface are true? (Choose two.)

- A. Diameter Accounting-Request is initiated by S-GW/P-GW to CDF.
- B. Diameter Accounting-Answer is initiated by CDF to S-GW/P-GW.
- C. Diameter Accounting-Request is initiated by S-GW/P-GW to CGF.
- D. Diameter Accounting-Answer is initiated by CGF to S-GW/P-GW.
- E. Diameter Accounting-Request is initiated by S-GW/P-GW to the billing server.
- F. Diameter Accounting-Answer is initiated by the billing server to S-GW/P-GW.

Correct Answer: AB

QUESTION 6

Which protocol runs on the 3GPP Rx interface?

- A. GTPv2
- B. SS7
- C. RADIUS
- D. Diameter
- E. SIP

Correct Answer: D

QUESTION 7

Exhibit: Refer to the exhibit. Which option is the Mobile Network Code and the Mobile Country Code of the serving

node?

CDR ELEMENTS FOLLOW	
recordType	PGWRECORD
servedIMSI	262122005804973
p-GWAddress	109.7.139.244
chargingID	528657833
servingNodeAddress	109.7.142.57
accessPointNameI	fixed.voice.opr.in
pdpPDNTType	IPV4
servedPDPDNAddress	10.106.104.36
dynamicAddressFlag	TRUE
recordOpeningTime	140130112702+0100
duration	33
causeForRecClosing	Normal Release
diagnostics	26
nodeID	1095ECS1
localSequenceNumber	960249
servedMSISDN	4915204619999
chargingCharacteristics	Normal
chChSelectionMode	Home Default
servinggNodePLMNIdentifier	262, 02
rATType	eUTRAN
mSTimeZone	+01:00
ratingGroup	56
chargingRuleBaseName	fixed_voice
serviceConditionChange	PDP context release
qCI	1
aRP	92
servingNodeAddress	109.7.142.57

A. MNC 002 MCC 262

B. MNC 020 MCC 262

C. MNC 012 MCC 262

D. MNC 120 MCC 622

Correct Answer: A

QUESTION 8

Which authentication protocol is used for the S6b interface?

A. EAP-TLS

B. EAP-AKA

C. IPsec

D. SSL

Correct Answer: B

QUESTION 9

Exhibit:

```
[local]LTE# show sgw-service all
Service name           : SGW-SVC
Service-Id             : 17
Context                : EPC
Accounting context     : EPC
Accounting gtp group   : default
Accounting mode        : gtp
Accounting stop-trigger : Default
Status                 : STARTED
Egress protocol        : gtp
Ingress EGTP service   : Ingress-SGW
Egress context         : EPC
Egress EGTP service    : Egress-SGW
Egress MAG service     : n/a
IMS auth. service      : S11-SVC
Accounting policy       : MME-SGW
Newcall policy         : n/a
QCI-QOS mapping table  : n/a
Event Reporting        : Disabled
DDN Throttling         : Disabled
Page UE for PGW initiated proc: Disabled

PLMN ID List           : MCC: 123, MNC: 456 [Primary]
```

Refer to the exhibit. Which interface is associated to reference point between the MME and the SGW?

- A. EPC
- B. Ingress-SGW
- C. Egress-SGW
- D. MME-SVC
- E. S11-SVC

Correct Answer: B

QUESTION 10

Which two Transport protocols can be used for the S6a interface? (Choose two.)

- A. SCTP
- B. TCP
- C. UDP

D. FCP

E. RDP

Correct Answer: AB

QUESTION 11

Which interface is used to transfer Interception Related Information to the Delivery/Mediation Function?

A. X2

B. X1

C. X3

D. X1_1

Correct Answer: A

QUESTION 12

Which option describes the function of ENUM in Voice over LTE?

A. It converts SIP URI to Telco URI.

B. It is used for the call forwarding service.

C. It assigns a telephone number to an IMS UE.

D. It generates a query in the e164.arpa domain.

Correct Answer: D

QUESTION 13

When a subscriber is connected over 3GPP access and is in a local breakout scenario, which interface is used by the PGW for sending downlink data traffic for inbound roaming subscribers?

A. S12

B. S10

C. S5

D. S8

E. S2a

Correct Answer: C

QUESTION 14

Which two Diameter interfaces are used in Voice over LTE? (Choose two.)

- A. Gn
- B. Gx
- C. ISC
- D. Gi
- E. Cx
- F. Sv

Correct Answer: BE

QUESTION 15

Which description of TACACS+ administrator authentication and authorization on the Cisco ASR 5000 is true?

- A. The Cisco ASR 5000 uses a privilege-level attribute value pair to restrict users to command sets that correspond to their assigned administrative role.
- B. The Cisco ASR 5000 uses a privilege-level information element to restrict users to command sets that correspond to their assigned administrative role.
- C. The Cisco ASR 5000 uses an administrator-level attribute value pair to restrict users to command sets that correspond to their assigned administrative role.
- D. The Cisco ASR 5000 uses an administrator-level information element to restrict users to command sets that correspond to their assigned administrative role.

Correct Answer: A

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