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# 600-212<sup>Q&As</sup>

mplementing Cisco Service Provider Mobility LTE Networks

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**QUESTION 1**

Which two statements apply during the attach procedure on an MME? (Choose two.)

A. The attach procedure provides an always-on IP connectivity to the subscriber.

B. Multiple default bearers can be established during the attach procedure.

C. A dedicated bearer can also be established during the attach procedure.

D. The additional guti value in the attach request is derived from a PTMSI.

E. The attach request is always integrity protected.

Correct Answer: AC

**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 IEs are ignored by the LTE domain when the EPS QoS parameter is mapped to the R99 QoS parameter? (Choose two.)

A. pre-emption capability

B. ARP priority

C. MBR of PDP context associated with the background traffic class

D. MBR of PDP context associated with the interactive traffic class

E. pre-emption vulnerability

Correct Answer: AE

**QUESTION 4**

Which option describes local-user accounts on the Cisco ASR 5000?

A. The local-user account is ANSI T1.276-2003 compliant.

B. The local-user account can be configured only in the local context.

C. The local-user account allows for privilege-level escalation on a context level.

D. The local-user account can be accessed only from the serial port.

Correct Answer: A

**QUESTION 5**

Exhibit:

```
[local]LTE# show sgw-service all
Service name                     : SGW-SVC
  Service-Id                     : 17
  Context                        : EPC
  Accounting context             : EPC
  Accounting gtpp group          : default
  Accounting mode                : gtpp
  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 6**

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Which two nodes exchange the create indirect data tunnel request during LTE to UMTS handover? (Choose two.)

A. source MME to target SGW

B. source MME to target SGSN

C. target SGSN to target SGW

D. source MME to source SGW

Correct Answer: CD

**QUESTION 7**

Which EPS integrity algorithm is mandatory for the UEs?

A. EIA0

B. SNOW 3G

C. AES

D. ZUC

Correct Answer: A

**QUESTION 8**

| Drag the protocol on the left to the node on the right that it runs between. | |
|---|---|
| GTP-U | eNodeB and MME |
| NAS | HSS and MME |
| Diameter | eNodeB and SGW |
| S1-AP | UE and MME |

Select and Place:

| Drag the protocol on the left to the node on the right that it runs between. | |
|---|---|
| GTP-U | eNodeB and MME |
| NAS | HSS and MME |
| Diameter | eNodeB and SGW |
| S1-AP | UE and MME |

Correct Answer:

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| Drag the protocol on the left to the node on the right that it runs between. | |
|---|---|
| | S1-AP |
| | Diameter |
| | GTP-U |
| | NAS |

## QUESTION 9

Which three options are valid functions performed by Mobility Management Entity? (Choose three.)

A. Header compression and user plane ciphering

B. PDN GW and Serving GW selection

C. Tracking area list management

D. User plane packet forwarding and routing

E. UE IP address allocation

F. NAS signaling

Correct Answer: BCF

## QUESTION 10

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 11

Which parameter provides support of radio resource management by the MME across the S1 interface?

A. RFSP index

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B. relative MME capacity

C. GUTI

D. OLD-GUTI

Correct Answer: A

**QUESTION 12**

Which option is required on the Cisco ASR 5000 to map the S1U upstream packet to a corresponding DSCP value on the SGW?

A. Use the create qci-qos-mapping table with the appropriate settings and apply it to the SGW service.

B. Use the create qci-qos-mapping table with the appropriate settings and apply it to the GTPU service.

C. Use the create qci-qos-mapping table with the appropriate settings and apply it to the EGTP service.

D. The S1U upstream packets cannot be marked on the SGW.

Correct Answer: A

**QUESTION 13**

Which protocol does the IMS client use to register with IMS core?

A. Diameter Protocol

B. Session Initiation Protocol

C. GPRS Tunneling Protocol

D. Real-time Transport Control Protocol

Correct Answer: B

**QUESTION 14**

Which option is the value of the AVP Auth-Application-ID for the Gy interface?

A. 17

B. 4

C. 38

D. 13

Correct Answer: B

**QUESTION 15**

Which three options are charging characteristic selection modes for S-GW/P-GW? (Choose three.)

A. home default

B. visiting default

C. APN specific

D. roaming default

E. subscription specific

F. serving node specific

Correct Answer: ABD

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