

DUMPS ARENA

Alcatel-Lucent Mobile Gateways for the LTE Evolved Packet Core

Alcatel-Lucent 4A0-M02

Version Demo

Total Demo Questions: 10

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QUESTION NO: 1

Based on the information shown in the exhibit, and assuming this is the only bearer present, what is the action taken by the SGW when:

```
SGW# show mobile-gateway serving bearer-context imsi 226041000000001 detail
```

```
=====
```

Bearer context detail

```
=====
```

```
IMSI           : 226041000000001
APN            : ipd.alcatel-lucent.com
Bearer Id      : 5                      Bearer type      : Default
Up Time        : 0d 00:00:06
QCI/ARP        : 9/1
QoS UL MBR     : 0 Kbps                  QoS DL MBR       : 0 Kbps
QoS UL GBR     : 0 Kbps                  QoS DL GBR       : 0 Kbps

S5 PGW Data TEID : 0x802d25              S5 SGW Data TEID : 0xd06c05
S5 PGW Data addr : 10.10.7.2
S5 SGW Data addr : 10.10.7.1
S1U eNodeB TEID  : 0x0                  S1U SGW TEID     : 0xd06c25
S1U eNodeB addr  : ::
S1U SGW address  : 72.22.24.163

S5 UL packets    : 1                      S5 UL bytes      : 92
S1U DL packets   : 0                      S1U DL bytes     : 0
S11 QoS Modify   : 0
```

- The SGW receives a GTP packet over its S5 interface, and
- The TEID value in the GTP header is set to 0x802d25?

A. The packet is forwarded to the eNodeB
The packet is forwarded to the eNodeB.

B. The packet is buffered.
The packet is buffered.

C. The packet is dropped.
The packet is dropped.

D. The packet is forwarded to the MME.

The packet is forwarded to the MME.

ANSWER: B

QUESTION NO: 2

Which of the following statements are FALSE regarding the SGW? (Choose two)

- A. The SGW is connected to the E-UTRAN via the S1-u interface.
- B. At a given time, a single SGW handles all the connections for a given UE.
- C. The SGW provides downlink data buffering and paging for an idle UE.
- D. The SGW can connect to only one PGW.
- E. The SGW acts as a common anchor point during handovers between LTE and Release 8 UMTS networks.
- F. The SGW may provide data plane connectivity between two eNodeBs.

ANSWER: C D

QUESTION NO: 3

How many S11 GTP-C tunnels are established for a UE having:

- One default bearer to APN1, and
- One dedicated bearer to APN1, and
- One default bearer to APN2, and
- Two dedicated bearers to APN2?

- A. One
- B. Two
- C. Three
- D. Four
- E. Five

ANSWER: A

QUESTION NO: 4

During the UE attachment procedure, which of the following statements are TRUE regarding the Request message sent from the SGW to the PGW? (Choose two)

- A. The Request message includes the TEID-C value assigned by the PGW.
- B. The Request message includes the TEID-C value assigned by the SGW.
- C. The Request message includes the TEID-U value assigned by the SGW.
- D. The Request message includes both the TEID-C value assigned by the SGW and the TEID-C value assigned by the PGW.

E. The Request message includes both the TEID-U value assigned by the SGW and the TEID-U value assigned by the PGW.

F. The Request message includes both the TEID-U value assigned by the SGW and the TEID-C value assigned by the PGW.

ANSWER: B C

QUESTION NO: 5

Which of the following messages are exchanged between the MME and the SGW during the UE attachment procedure? (Choose two)

- A. Create Session Request / Create Session Response
- B. Credit Control Request / Credit Control Answer
- C. Attach Request/Attach Accept
- D. Update Bearer Request / Update Bearer Response
- E. Modify Bearer Request / Modify Bearer Response

ANSWER: A E

QUESTION NO: 6

Which of the following does not apply when an MG-ISM group is configured on an Alcatel-Lucent 7750 MG? (Choose two)

- A. A maximum of two MG-ISM cards may be configured in a group.
- B. The redundancy model must be configured and it is always displayed as one-to-one
- C. The MG-ISM cards configured in the same group must be contiguous.
- D. Only one MG-ISM card in a group may be configured as working,
- E. More than one MG-ISM card in a group may be configured as protect.
- F. The gateway instance must be specified during the group configuration.

ANSWER: C E

QUESTION NO: 7

On Alcatel-Lucent 7750 PGW, which of the following CLI commands can be used to check the IP addresses assigned to a particular UE?

- A. Show mobile-gateway pdn pdn-context

- B. Show mobile-gateway serving pdn-context imsi detail
- C. Show mobile-gateway pdn ue-context
- D. Show mobile-gateway pdn ue-context imsi detail
- E. Show mobile-gateway pdn bearer-context
- F. Show mobile-gateway pdn bearer-context imsi detail

ANSWER: A

QUESTION NO: 8

Which of the following interfaces is not using the GTP-U protocol?

- A. The X2 interface
- B. The S1-U interface
- C. The S4 interface
- D. The S5 interface
- E. The SGi interface

ANSWER: E

QUESTION NO: 9

Which of the following resources are freed when a registered UE goes idle? (Choose 2)

- A. S1-MME signaling connection
- B. S11GTP-C tunnel
- C. S1 GTP-U tunnel
- D. S5 GTP-C tunnel
- E. S5 GTP-U tunnel

ANSWER: A C

QUESTION NO: 10

Based on the information shown in the exhibit, how many mobile subscribers is the PGW currently serving?

```
A:PGW# show mobile-gateway pdn bearer-context
```

```
=====
Bearer context
=====
```

IMSI	APN	Bearer	Type	QCI/ARP	MBR/GBR	SDFs
302720123456791	ipd.alcatel-luce*	5	Def	9/12	-	0
302720123456791	ipd.alcatel-luce*	6	Ded	2/12	30000/20000	2
302720123456790	ipd.alcatel-luce*	5	Def	9/12	-	0
302720123456790	ipd.alcatel-luce*	6	Ded	2/12	30000/20000	2
302720123456789	ipd.alcatel-luce*	5	Def	9/12	-	0
302720123456789	ipd.alcatel-luce*	6	Ded	2/12	30000/20000	2

- A. 1
- B. 2
- C. 3
- D. 5
- E. 6
- F. Unable to determine based on the provided information.

ANSWER: C