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Vendor:Alcatel-Lucent

Exam Code:4A0-M02

Exam Name:Alcatel-Lucent Mobile Gateways for the
LTE Evolved Packet Core

Version:Demo

QUESTION 1

On Alcatel-Lucent 7750 PGW, which of the following CLI commands can be used to debug a given IMSI?

- A. debug mobile-gateway pdn 1 pdn-session imsi 226041000000008
- B. debug mobile-gateway pdn 1 pdn-session-db imsi 226041000000008
- C. debug mobile-gateway pdn 1 pdn-session imsi 226041000000008 apn ipd.alcatel-lucent.com
- D. debug mobile-gateway pdn 1 pdn-session-db imsi 226041000000008 apn ipd.alcatel-lucent.com
- E. Answers A and C are both correct.
- F. Answers B and D are both correct.

Correct Answer: C

QUESTION 2

During a UE detach procedure, which commands are exchanged over the gx interface?

- A. Delete Session Request / Delete Session Answer
- B. Credit Control Request Terminate/Credit Control Answer Terminate
- C. Release Session Request / Release Session Answer
- D. Credit Control Request Release / Credit Control Answer Release

Correct Answer: B

QUESTION 3

Which of the following statements are TRUE regarding the Predefined PCC rules? (Choose two) A. The Predefined PCC rules are preconfigured on the PCRF.

- B. The Predefined PCC rules are preconfigured on the PCEF.
- C. The Predefined PCC rules are preconfigured on the MME.
- D. The Predefined PCC rules are activated or deactivated by the PCEF at any time.
- E. The Predefined PCC rules are activated or deactivated by the PCRF at anytime.

Correct Answer: BE

QUESTION 4

On the Alcatel-Lucent 7750 MG, which of the following is the CLI command to check the active / standby state of the MG-ISM cards?

- A. Show card detail
- B. Show mda detail
- C. Show card state
- D. Show system information
- E. Show mobile-gateway system

Correct Answer: E

QUESTION 5

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

- A. The S11 interface
- B. The S1-MME interface
- C. The S10 interface
- D. The S5 interface
- E. The S8 interface

Correct Answer: B

QUESTION 6

Which of the following parameters best describes the rate-limiting associated with a Non-GBR bearer?

- A. The GBR and the MBR
- B. The APN-AMBR
- C. The MBR
- D. The UE-AMBR
- E. The APN-AMBR and the UE-AMBR

Correct Answer: E

QUESTION 7

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.

Correct Answer: C

QUESTION 8

Which of the following statements is TRUE regarding the IP connectivity between a UE and a PDN?

- A. A UE gets an IPv4 address and/or an IPv6 prefix per APN.
- B. A PGW forwards the UE's IP packets to the PDN based on the address of the PDN server.
- C. When a UE sends an IP packet to a PDN over the EPC core, the eNodeB forwards the encapsulated packet to the SGW by looking into its IP routing table to determine how to reach the PDN server.
- D. The SGW forwards the UE's IP packets to the PGW based on the address of the PDN server.
- E. Only answers C and D are correct.
- F. Only answers A and B are correct.

Correct Answer: F

QUESTION 9

Which of the following statements is FALSE regarding the UE paging process?

- A. The SGW performs downlink data buffering while the S1 bearer is being established.

- B. The SGW initiates the paging messages towards the UE.
- C. The PGW is not aware of the paging process.
- D. The UE initiates the service request procedure once it receives the paging message.
- E. The paging procedure is controlled by the MME.

Correct Answer: B

QUESTION 10

Which of the following LTE interfaces are used for the communication of user data? (Choose one best answer)

- A. The S1-MME interface and the S11 interface.
- B. The S1-U interface.
- C. The S5 interface.
- D. The S1-U interface, the S5 interface and the LTE-Uu interface.
- E. Only answers A, B and C are correct.
- F. Only answers B and C are correct.

Correct Answer: D

QUESTION 11

Which of the following statements most accurately describes the MME?

- A. The MME selects the SGW and the PGW for a given UE.
- B. The MME is responsible for the bearer management.
- C. The MME communicates with both the E-UTRAN and the EPC via GTP-C tunnels.
- D. The MME performs the user authentication and authorization using the information provided by the HSS
- E. All of the above answers are correct.
- F. Only answers A, B and D are correct.

Correct Answer: F

QUESTION 12

Which of the following statements is FALSE regarding the EPS bearers?

- A. An EPS bearer is either a GBR bearer or a Non-GBR bearer.

B. An EPS bearer is either a default bearer or a dedicated bearer.

C. A dedicated bearer can be a GBR or a Non-GBR bearer.

D. A default bearer can be a GBR or a Non-GBR bearer.

E. A UE can have multiple GBR or Non-GBR bearers.

Correct Answer: D