



4A0-M02^{Q&As}

Alcatel-Lucent Mobile Gateways for the LTE Evolved Packet Core

Pass Alcatel-Lucent 4A0-M02 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/4a0-m02.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Alcatel-Lucent Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

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

Correct Answer: E

QUESTION 2

Based on the information shown in the exhibit, how many EPS bearers has the PGW created in total for all UEs?

```
A:PGW# show mobile-gateway pdn bearer-context
=====
Bearer context
=====
IMSI                APN                Bearer  Type  QCI/ARP  MBR/GBR  SDFs
-----
302720123456791    ipd.alcatel        5       Def   9/12     -         0
302720123456791    ipd.alcatel        6       Ded   2/2     30000/20000  1
302720123456790    ipd.alcatel        5       Def   9/12     -         0
302720123456790    ipd.alcatel        6       Ded   2/2     30000/20000  1
302720123456789    ipd.alcatel        5       Def   9/12     -         0
302720123456789    ipd.alcatel        6       Ded   2/2     30000/20000  1
=====
```

- A. 6
- B. 5
- C. 4
- D. 3
- E. 2
- F. 1

Correct Answer: A

QUESTION 3



When MG-ISM redundancy is used on an Alcatel-Lucent 7750 MG, which of the following statements is FALSE?

- A. An MG-ISM switchover has no impact on connected users.
- B. An MG-ISM switchover has no impact on network element peers.
- C. EPS bearers are synchronized between the active and standby MG-ISM cards.
- D. The redundancy is non-revertive.
- E. None of the above statements are false.

Correct Answer: E

QUESTION 4

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 5

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 6



Which entity decides when a handover procedure needs to be performed?

- A. The UE.
- B. The source eNodeB.
- C. The target eNodeB.
- D. The MME.
- E. The SGW.

Correct Answer: B

QUESTION 7

Based on the information shown in the exhibit, which of the following statements is FALSE?

```

<measInfo measInfoId="KCIBearerManagementCP-ISA">
  <granPeriod duration="PT1800S" endTime="2011-10-06T14:30:00-04:00"/>
  <measType p="1">VS.numberofUsers</measType>
  <measType p="2">VS.numberofIdleUsers</measType>
  <measType p="3">VS.numberofActiveUsers</measType>
  <measType p="4">VS.numberofBearers</measType>
  <measType p="5">VS.numberofActiveBearers</measType>
  <measType p="6">VS.numberofIdleBearers</measType>
  <measType p="7">VS.numberofPdnSessions</measType>
  <measType p="8">VS.numberofDedicatedBearers</measType>
  <measType p="9">VS.numberofIpv4PdnSessions</measType>
  <measType p="10">VS.numberofIpv6PdnSessions</measType>
  <measType p="11">VS.numberofIpv4v6PdnSessions</measType>
  <measType p="12">VS.numberofRoamers</measType>
  <measType p="13">VS.numberofHomers</measType>
  <measType p="14">VS.numberofVisitors</measType>
  <measType p="15">VS.numberofPagingRequestInProgress</measType>
  <measValue measObjLdn="KCI=BearerManagement,GroupName=CP-ISA,group=1,
    slot=5,nda=1">
    <.. Continued ..>
    <r p="1">312</r>
    <r p="2">10</r>
    <r p="3">302</r>
    <r p="4">319</r>
    <r p="5">307</r>
    <r p="6">12</r>
    <r p="7">312</r>
    <r p="8">7</r>
    <r p="9">312</r>
    <r p="10">0</r>
    <r p="11">0</r>
    <r p="12">0</r>
    <r p="13">312</r>
    <r p="14">0</r>
    <r p="15">0</r>
    <suspect>>false</suspect>
  </measValue>
</measInfo>
  
```

- A. The collection interval is set to 30 minutes.
- B. The number of active bearers at the end of this interval is 307
- C. The stats are collected from MG-ISM card 5.
- D. The number of idle users at the end of this interval is 10
- E. None of the above statements are false.

Correct Answer: E



QUESTION 8

Based on the information shown in the exhibit, what is the TEID value 0x37 used for?

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

< .. Output omitted ..>

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 : 0x802125       S5 SGW Data TEID : 0xd06005
S5 PGW Data addr : 10.10.7.2
S5 SGW Data addr : 10.10.7.1
S1U eNodeB TEID : 0x21           S1U SGW TEID    : 0xd06025
S1U eNodeB addr : 10.10.2.4
S1U SGW address  : 72.22.24.163
Indirect Rem TEID: 0x37
Indirect Tnl Rem addr : 10.10.2.5
Indirect Lcl TEID: 0xd06015
Indirect Tnl Lcl addr : 72.22.24.163
```

- A. This TEID value is used by the source eNodeB when sending downlink data traffic to the target eNodeB.
- B. This TEID value is used by the target eNodeB when sending uplink data traffic to the SGW.
- C. This TEID value is used by the source eNodeB when sending downlink data traffic to the SGW.
- D. This TEID value is used by the SGW when sending downlink data traffic to the source eNodeB.
- E. This TEID value is used by the SGW when sending downlink data traffic to the target eNodeB.

Correct Answer: E

QUESTION 9

Which of the following statements is FALSE regarding the communication between a UE and an eNodeB?

- A. The eNodeB terminates the air interface of the UE and manages the radio connection between the UE and the eNodeB.
- B. The eNodeB transmits the paging messages to an idle UE when the paging is required.
- C. During an IMSI attach, the UE informs the eNodeB which MME should be used to service it.
- D. The eNodeB performs the compression and encryption of the user data stream.
- E. A UE must go through an eNodeB to access the EPC core.

Correct Answer: C



QUESTION 10

Which of the following is used to carry the GTP Path Management message "Echo Request"?

- A. The GTPv1 protocol.
- B. The GTPv2 protocol.
- C. The TCP protocol.
- D. The GTPv1 protocol or the GTPv2 protocol.
- E. None of the above answers are correct.

Correct Answer: D

QUESTION 11

Which of the following most accurately describes the messages used to manage a Diameter connection path?

- A. The Capabilities-Exchange message
- B. The Device-Watchdog message
- C. The Credit-Control message
- D. The Disconnect-Peer message
- 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 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.



Correct Answer: CE

QUESTION 13

Which of the following statements most accurately describes the Diameter protocol?

- A. The Diameter is a peer-to-peer protocol that uses the TCP or SCTP as the transport protocol.
- B. A Diameter peer could act as a Diameter client or a Diameter server to its remote peer.
- C. The Alcatel-Lucent 7750 PGW acts as a Diameter client to the PCRF server via the Gx interface.
- D. The Diameter protocol uses TCP and SCTP port number 3868.
- E. All of the above answers are correct.
- F. Only answers A and B are correct.

Correct Answer: E

QUESTION 14

Which of the following statements is TRUE when a UE is in the EMM_DEREGISTERED/ECM_IDLE state?

- A. There is no radio bearer between the UE and the eNodeB. The S1-MME, S1-U, and S5 connections are all released for the UE.
- B. There is no radio bearer between the UE and the eNodeB. The S1-MME connection is released but the S1-U and S5 connections are still available for the UE.
- C. There is no radio bearer between the UE and the eNodeB. The S1-MME and the S1-U connections are released but the S5 connection is still available for the UE.
- D. There is no radio bearer between the UE and the eNodeB. The S1-MME, S1-U and S5 connections are still available for the UE.
- E. None of the above answers are correct.

Correct Answer: A

QUESTION 15

Which of the following statements is FALSE regarding the S1-U interface?

- A. It is the user plane interface used to connect the E-UTRAN and the EPC core.
- B. It relies on the GTP-C path to exchange the "Echo Request" / "Echo Response" messages between the eNodeB and the SGW.
- C. It may be used to transport user data during the inter-eNodeB handover.



D. It uses the GTP-U protocol.

E. The UDP protocol is used as the transport protocol.

Correct Answer: B

[4A0-M02 VCE Dumps](#)

[4A0-M02 Practice Test](#)

[4A0-M02 Exam Questions](#)