



Free Questions for 4A0-M03 by go4braindumps

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Question 1

Question Type: MultipleChoice

If the selected SGW fails, which SGW/PGW will MME select if 'gateway selection mode 2' is used?

Options:

- A- A new SGW, but new PGW selection is not required
- B- A new SGW first, then select a new PGW that is topologically closest to the newly selected SGW
- C- A new SGW first, then select a new PGW with the best order and preference values
- D- The next topologically closest SGW/PGW pair

Answer:

A

Question 2

Question Type: MultipleChoice

Which of the following statements regarding SGW selection by the MME is FALSE?

Options:

- A- SGW selection can occur during initial attach, tracking area update, or handover procedures
- B- MME can select an SGW by performing a DNS query on a given TAI FQDN
- C- MME can select an SGW based on the overload control information received from each SGW in the SGW pool
- D- MME can select an SGW from the SGW pool(s) configured to serve the given TAI

Answer:

C

Question 3

Question Type: MultipleChoice

What information does eNodeB use to ensure MME load balancing during MME selection?

Options:

- A- MME relative capacity value received from each MME in the pool
- B- MME capacity value received from the UE attach request message
- C- MME capacity value from the UE's subscription data received from the HSS
- D- MME relative capacity value calculated by each MME based on the current network load

Answer:

A

Question 4

Question Type: MultipleChoice

The DNS NAPTR records shown in the exhibit are returned to the MME during SGW/PGW selection.

If gateway selection mode 1 is used, which SGW/PGW pair is selected by the MME?

Order	Preference	Flags	Services	Replacement
200	800	"a"	x-3gpp-sgw:x-s11-gtp	topon.eth10.sgw01.pool1.nodes.3gppnetwork.org
300	500	"a"	x-3gpp-sgw:x-s11-gtp	topon.eth10.sgw02.pool2.nodes.3gppnetwork.org

Order	Preference	Flags	Services	Replacement
200	500	"a"	x-3gpp-pgw:x-s5-gtp	topon.eth5.pgw01.pool2.nodes.3gppnetwork.org
300	800	"a"	x-3gpp-pgw:x-s5-gtp	topon.eth6.pgw02.pool1.nodes.3gppnetwork.org

Options:

- A- sgw01 and pgw01
- B- sgw01 and pgw02
- C- sgw02 and pgw01
- D- sgw02 and pgw02

Answer:

B

Question 5

Question Type: MultipleChoice

Which of the following statements regarding paging policy is FALSE?

Options:

- A- Paging method defines which forwarding path is used to forward the paging message to eNodeBs
- B- Paging policy defines paging procedures used by MME to page an idle UE
- C- Paging timer specifies the time to wait for a response to a paging request message
- D- Paging attempt specifies the number of times MME tries to page a UE before the UE is deemed non- responsive

Answer:

A

Question 6

Question Type: MultipleChoice

Which of the following statements best describes a home PLMN?

Options:

- A- A network where a UE is currently registered and has a different PLMN ID from the UE's PLMN ID
- B- A provisioned network that is shared by multiple operators
- C- A network where a UE is currently being served
- D- A network where a UE is subscribed

Answer:

C

Question 7

Question Type: MultipleChoice

Which of the following statements regarding handover is FALSE?

Options:

- A- Handover can occur when UE is in ECM-CONNECTED state

- B-** S1-based handover is used when X2-based handover attempt failed
- C-** During X2-based handover, MME may remain the same or be relocated
- D-** S1-based handover is used when there is no X2 interface between source and target eNodeBs

Answer:

C

Question 8

Question Type: MultipleChoice

Which of the following is NOT a characteristic of the home routed roaming architecture?

Options:

- A-** Bearer traffic is routed from the SGW to the PGW over the S5 interface
- B-** The UE bearers are anchored at the SGW to the VPLMN
- C-** Subscriber services are obtained through the HPLMN
- D-** The MME in the VPLMN has an S6a interface to the HSS in the HPLMN

Answer:

A

Question 9

Question Type: MultipleChoice

Which logical interface is used to transfer UE information from one MME to another MME during relocation?

Options:

A- S10

B- S3

C- S6a

D- S13

Answer:

A

Explanation:

<https://www.cablefree.net/wirelesstechnology/4glte/lte-interfaces/>

Question 10

Question Type: MultipleChoice

Which of the following regarding logging architecture in Nokia CMM is FALSE?

Options:

- A- Log files can be retrieved under the "/data-logs" folder.
- B- Different log files are generated automatically in the system.
- C- Logs are generated based on log events.
- D- Details about each log can be displayed using the verbose (-v) flag.

Answer:

A

Question 11

Question Type: MultipleChoice

Given the exhibit, the MME is unable to retrieve authentication vector (AV) from the HSS and the initial UE attach fails.

```
# cmm nbiPing list --pingTarget 10.10.9.1 --pingSourceIp 10.10.9.2
+-----+
| nbiPing   | pingOutput
+-----+
| 10.10.9.1 | PING 10.10.9.1 (10.10.9.1) from 10.10.9.2 : 56(84) bytes of data.;64 bytes from 10.10.9.1: icmp_seq=1 ttl=64
|           | time=0.674 ms;64 bytes from 10.10.9.1: icmp_seq=2 ttl=64 time 0.384 ms;64 bytes from 10.10.9.1: icmp_seq=3 ttl=64
|           | time=0.427 ms;64 bytes from 10.10.9.1: icmp_seq=4 ttl=64 time 0.495 ms;64 bytes from 10.10.9.1: icmp_seq=5 ttl=64
|           | time=0.426 ms;;--- 10.10.9.1 ping statistics ---;5 packets transmitted, 5 received, 0% packet loss, time 4001ms;rt
|           | min/avg/max/mdev = 0.384/0.481/0.674/0.103 ms;
+-----+

# cmm multiLink list
+-----+-----+-----+-----+-----+-----+-----+-----+
| multilink | linkInterfaceType | linkIndex | linkAdminState | linkOperationState | alarmState | remoteIp1 | remoteIp2 |
+-----+-----+-----+-----+-----+-----+-----+-----+
| s6ad      | s6ad              | 0         | unlocked       | unknown            | none      | 10.10.9.1 | 0.0.0.0   |
+-----+-----+-----+-----+-----+-----+-----+-----+
```

Which of the following actions is useful for troubleshooting this problem?

Options:

- A-** Verify if the IMSI to HSS mapping list is configured properly.
- B-** Verify if a GTP profile is associated with the S6a interface.
- C-** Verify if the TAI value matches between the MME and the HSS.
- D-** Verify if the DNS server is provisioned to dynamically discover the HSS IP address.

Answer:

D

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