NOKIA

5G NR NSA Signaling (EN-DC) with EPC Call Flow traces quiz

Understand 5G Protocols and Signaling

TP00005-V-0003 S03M02

Section 1 5G NR NSA Signaling (EN-DC) with EPC Call Flow traces quiz

For these exercises we are using the presentation marked as S03M02_SG_TP00005-V-0003_5G_NR_NSA_Signaling_EN-DC_with_EPC_Traces_kq2grwgq.

> **Objectives**
> At the end of this knowledge check, you will be able to:
> Evaluate your understanding about 5G NSA e2e signaling with EPC, using traces.

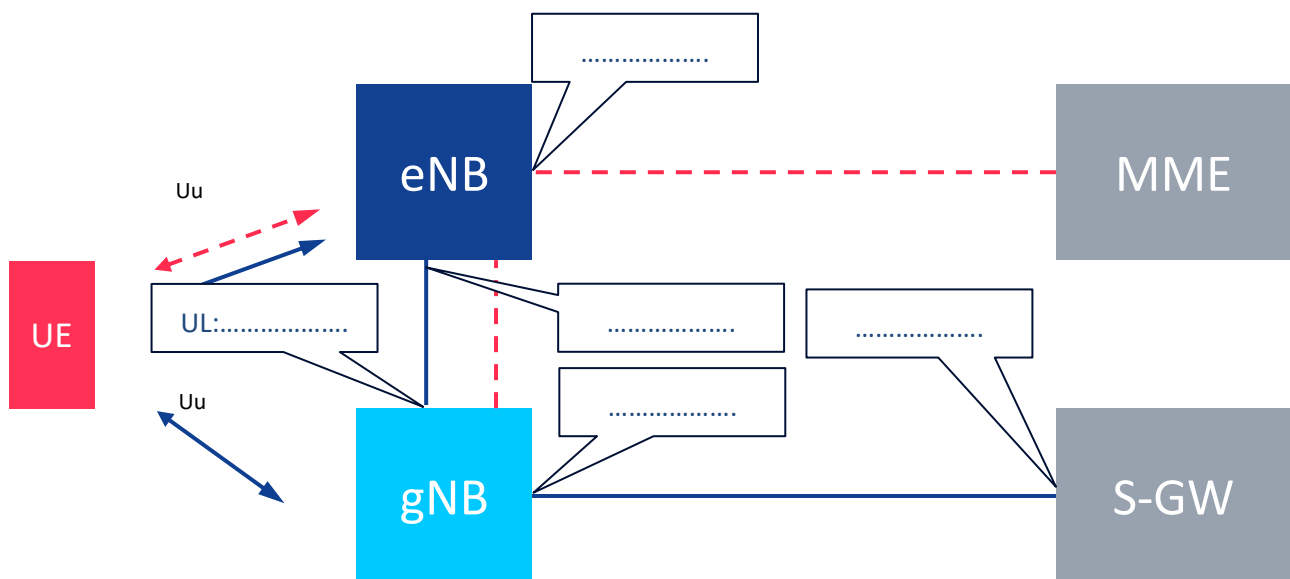According to the traces in the corresponding presentation:

1. Which UE identity is used in the RRCConncetionRequest message?

2. What is the Logical Channel used to transmit the RRCConncetionRequest? Which bearer it is associated with?

3. Which bearer is established in RRCConnectionSetup message and what is the RLC mode configured for it?

4. What is the UE identity type in the NAS: Attach Request?

5. Find the parameter with which UE informs the Core Network that it supports Dual Connectivity with New Radio. Which message is it in?

6. Which cyphering and integrity protection algorithms are selected by the CN for the NAS security?

7. What is the EPS bearer identity and the DRB identity for the default EPS bearer?

8. What is the QCI of the default EPS bearer?

9. Find the IP address assigned to the UE and the APN.

10. Fill in the GTP-U TEIDs:

11. What is the SSB frequency of the NR cell?

12. What is the values of subcarrier spacing in the NR cell?

13. Was there any data transferred over the LTE air interface before SgNB addition?

14. Which direction are packets transmitted over 5G in this call?

15. What is the gNB logical component that assigns TEIDs?

16. In which message from the gNB-DU we can find the RRC message that will late be transmitted to the UE?

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