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## **5G NR SA Signaling with 5GC Call flow quiz.**

**Understand 5G Protocols and Signaling**

TP00005-V-0003 S03M03

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## Section 1 5G NR SA Signaling with 5GC Call flow quiz.

For these exercises we are using the presentation marked as S02M05 SA\_e2e\_Call.

### Objectives

At the end of this knowledge check, you will be able to:

- Evaluate your understanding about 5G NR SA e2e signaling with 5GC.

- What is the purpose of the T300 timer?
  - To allocate the temporary C-RNTI
  - To start decoding the PDCCH for the C-RNTI
  - To wait for the RRC Setup message from the network.
  - None of the above
- What is the random identity range assigned to the UE during the content resolution?
  - 0 – 2^39-1
  - 2 – 2^39-1
  - 0 - 65535
  - 2 - 15345973
- Which entity contains the previous UE Context information?
  - AUSF
  - New AMF
  - UDM
  - Old AMF
- Which 5G Core interface is used for the “PFCP Session modification request”?
  - N1
  - N2
  - N3
  - N4
- Which entity derives the KUPInt key?
  - The SN-gNB
  - The UE
  - The MN-eNB
  - None of the above
- In which step the New AMF requests the authentication vectors from the AUSF?
  - Nudm\_UEAuthenticate\_Get response
  - Nausf\_UEAuthenticate\_authenticate response
  - Nausf\_UEAuthenticate\_authenticate request
  - Nudm\_UEAuthenticate\_Get request
- What is the best description for the “NAS security Mode command”?
  - The UE responds back to the New AMF, IEs are: Security header type, Authentication response message identity, Authentication response parameter, etc.
  - The UDM generates the Authentication Vectors and prepares to send a response message.
  - The UE responds with the completion of the NAS security procedure. The IMEISV is also forwarded, according to TS 24.501

- d) Based on TS 24.501, the New AMF sends the NAS Security Algorithm selection, in addition to the IMEISV request.
8. In which procedure the Old AMF deletes the UE context?
- UE – AMF – UDM Registration.
  - Diameter PCF Association and AMF Subscription.
  - UE context from Old AMF to New AMF.
  - 5G – NR RRC Reconfiguration
9. Which entity performs the PCF Selection?
- UDM
  - New AMF
  - Old AMF
  - SMF
10. Which entity allocates the UE IP address?
- New AMF
  - UDM
  - SMF
  - AUSF
11. In which step is determined if the UE is blacklisted?
- During the “UE Context Subscription Data”
  - During the N5g-eir\_EquipmentIdentityCheck Response
  - During the “Namf\_Communication\_RegistrationCompleteNotify”
  - UDM Selection
12. Which value is expected for a successful subscription during the Namf\_EventExpose\_Subscribe Response?
- “404 Not Found”
  - “403 Forbidden”
  - “201 created”
  - None of the above
13. In which step the UE gains the state of RRC Connected?
- RRC Connected Complete
  - RRC Connected
  - T300 timer stop
  - RRC Connection Reconfiguration Complete
14. Is the ngKSI sent to the UE?
- True
  - False
15. Which entity selects the UPF?
- Old AMF
  - UDM
  - AUSF
  - SMF

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**End of document**