UE
E-UTRAN
NG RAN
MME
SGW
AMF
PGW-C+ SMF
PGW-U+ UPF
HSS+ UDM
1. UE performs 5GC Registration
2a. UE creates PDU Session
2b. PGW-C+SMF, DNN info stored in HSS+UDM
3.UE moves to EPC
4. TAU Request (mapped 4G GUTI. EPS Bearer Status)
5. Authentication
6. Location Update Request
7. Location Update Response (PGW-C+SMF, APN)
8. Create Session Request (handover)
9. Create Session Request(handover)
10. Modify UP
11. Create Session Response(EBID, ded bearers flag)
12. Create Session Response(EBID, ded bearers flag)
First downlink data on default bearer
Default bearer
13. Create Bearer Request(handover, EBID)
14. Create Bearer Request (handover, EBID)
15. Create Bearer Response
16. Create Bearer Response
17. Modify UP
First downlink data on dedicated bearers
Dedicated bearers
18. PGW-C+SMF,APN info stored in HSS+UDM
19. TAU Accept (EPS Bearer Status)
20. TAU Complete
21. SMF+PGW-C Initiated PDU Session Disconnection Procedure