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)
12. Create Session Response(EBID)
First downlink data on default bearer
Default bearer
14. TAU Accept (EPS Bearer Status) Only default bearers status
13. PGW-C+SMF,APN info stored in HSS+UDM
15. TAU Complete
16. PGW Initiated dedicated bearer setup with optional paging of UE
17. SMF+PGW-C Initiated PDU Session Disconnection Procedure