

eNodeB

UE

MME

S-GW

P-GW

PCRF

HSS

1. PDN Connectivity Request

2. Create Session Request

3. Create Session Request

4. IP-CAN Session
Establishment/Modification

5. Create Session Response

First Downlink Data

6. Create Session Response

7. Bearer Setup Request /
PDN Connectivity Accept8. RRC Connection
Reconfiguration9. RRC Connection
Reconfiguration Complete

10. Bearer Setup Response

11. Direct Transfer

12. PDN Connectivity
Complete

First Uplink Data

13. Modify Bearer Request

13a. Modify Bearer Request

13b. Modify Bearer
Response

14. Modify Bearer Response

First Downlink Data

15. Notify Request

16. Notify Response