UE
Source NG-RAN
Target NG-RAN
AMF
I-UPF
I-SMF
A-SMF
A-UPF
NRF
1. Handover Prep
2. Forwd Data
Downlink Data
Uplink Data
3. N2 Path Switch Req
4. Nsmf_PDUSession_
UpdateSMContext Req
UPF selection
5. UPF request
6. I-SMF: list of UPFs
7. N4'{UPF list; T gNB
FTEID;A-UPF FTEID}
I-SMF selects one UPF
from UPF list
8. N4 Sess Est
{T gNB FTEID; A-UPF FTEID}
9. N4 Resp
10. N4' Resp {I-UPF FTEID}
11. N4 Sess Mod
{I-UPF FTEID}
12. N4 Resp
13. End Marker
14. EM
DL Data
15. Nsmf_PDUSession_
UpdateSMContext Resp
16. N2 Path Switch Resp
UL Data
17. Release resource
UE
Source NG-RAN
Target NG-RAN
AMF
I-UPF
I-SMF
A-SMF
A-UPF
NRF