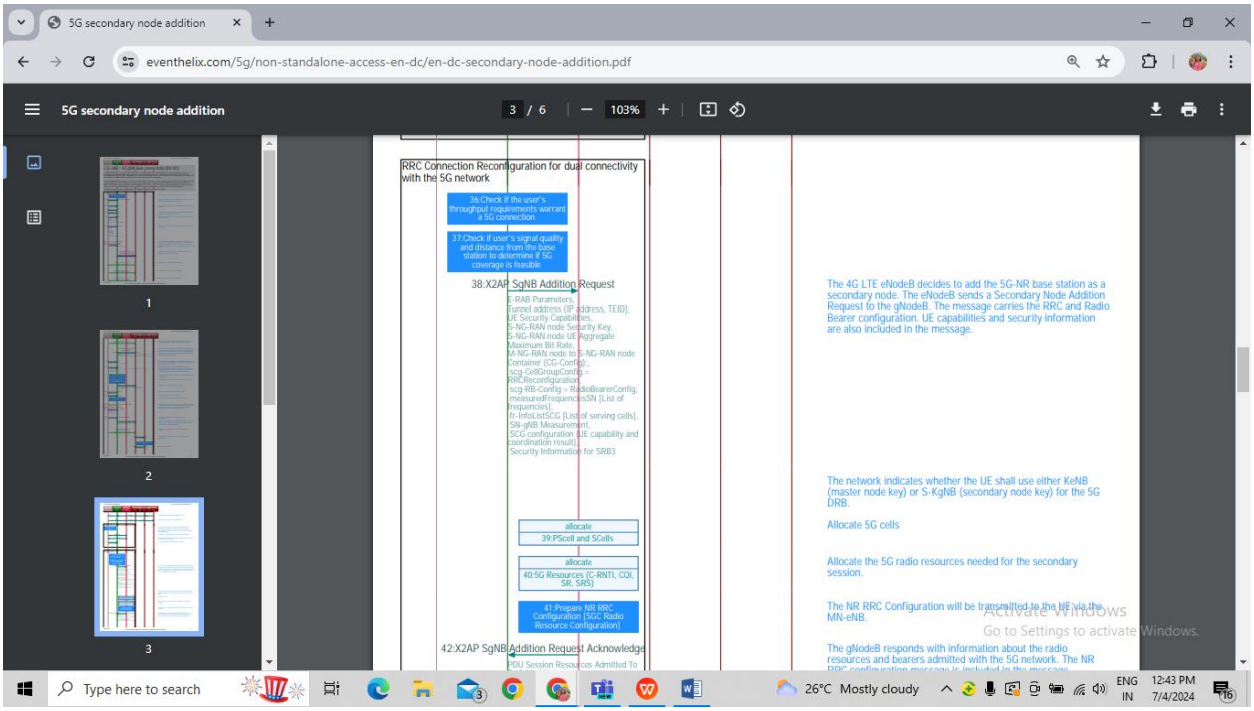
ASSIGNMENT-03-DAY-01

1. SgNB Addition Request

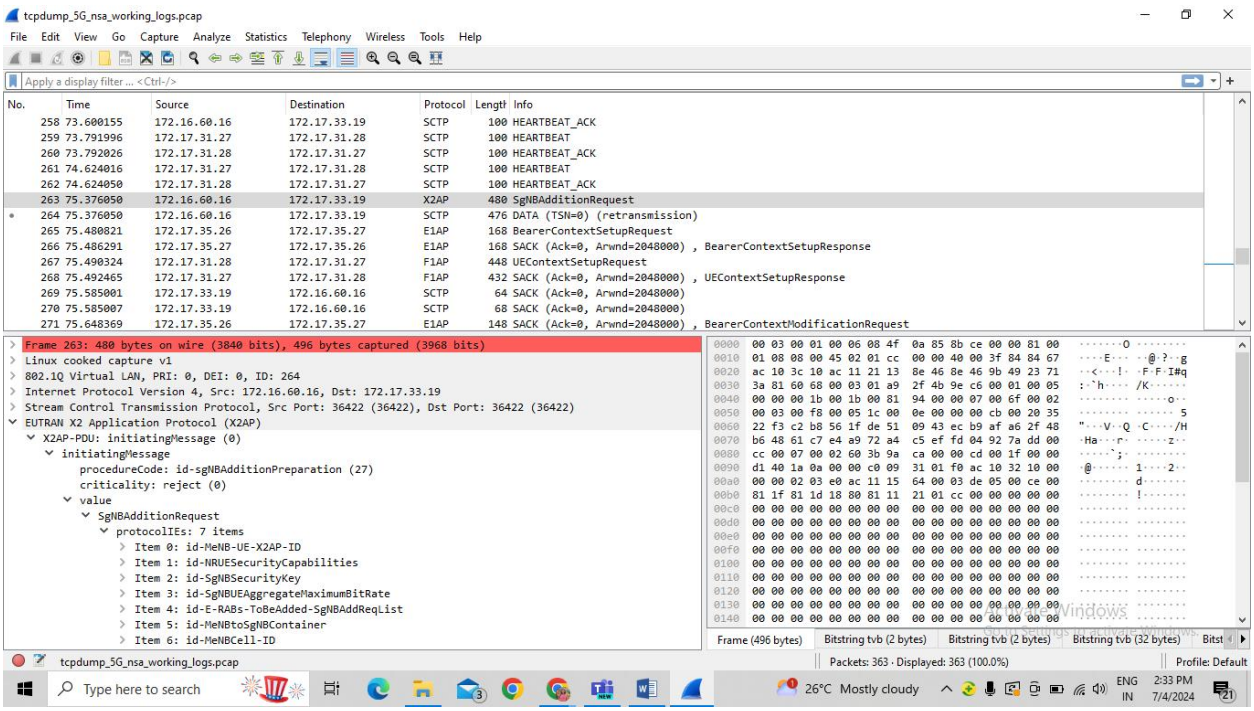


LTE eNodeB --→ 5G-NR gNodeB

Row number : 263

Source address : 172.16.60.16

Destination address : 172.17.33.19



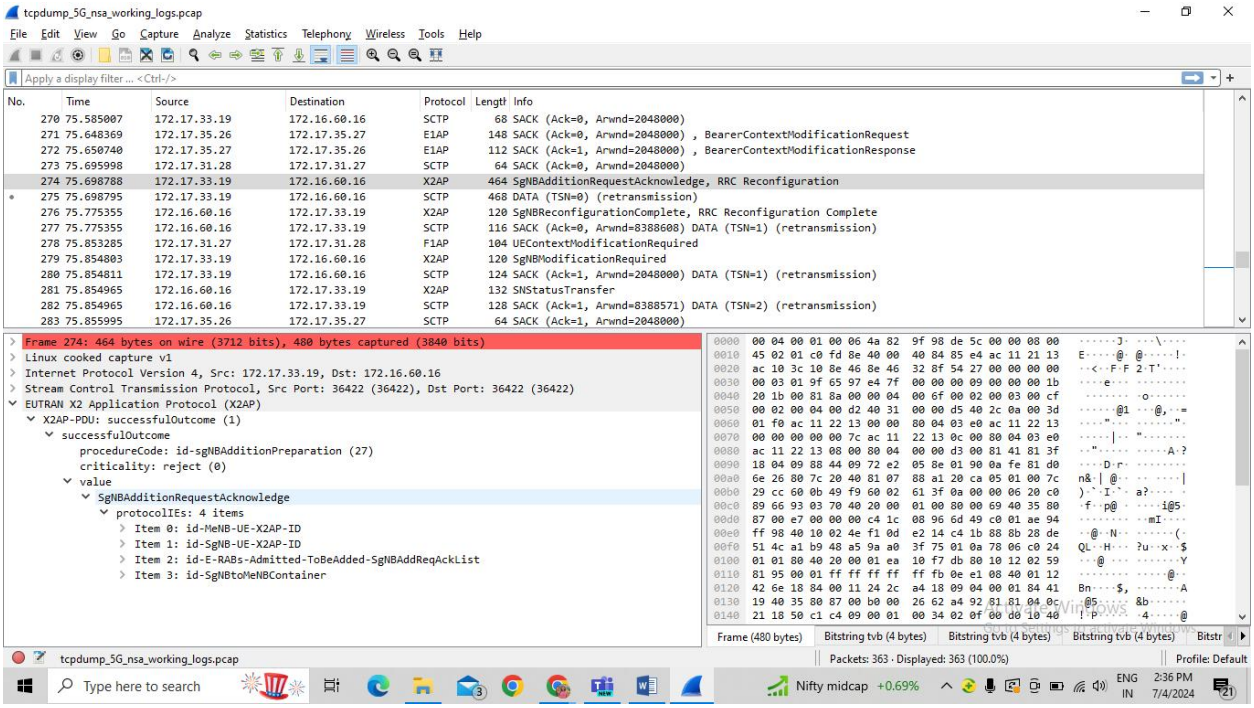
2. SgNB Addition Request Acknowledge

5G-NR gNodeB ------→ LTE eNodeB

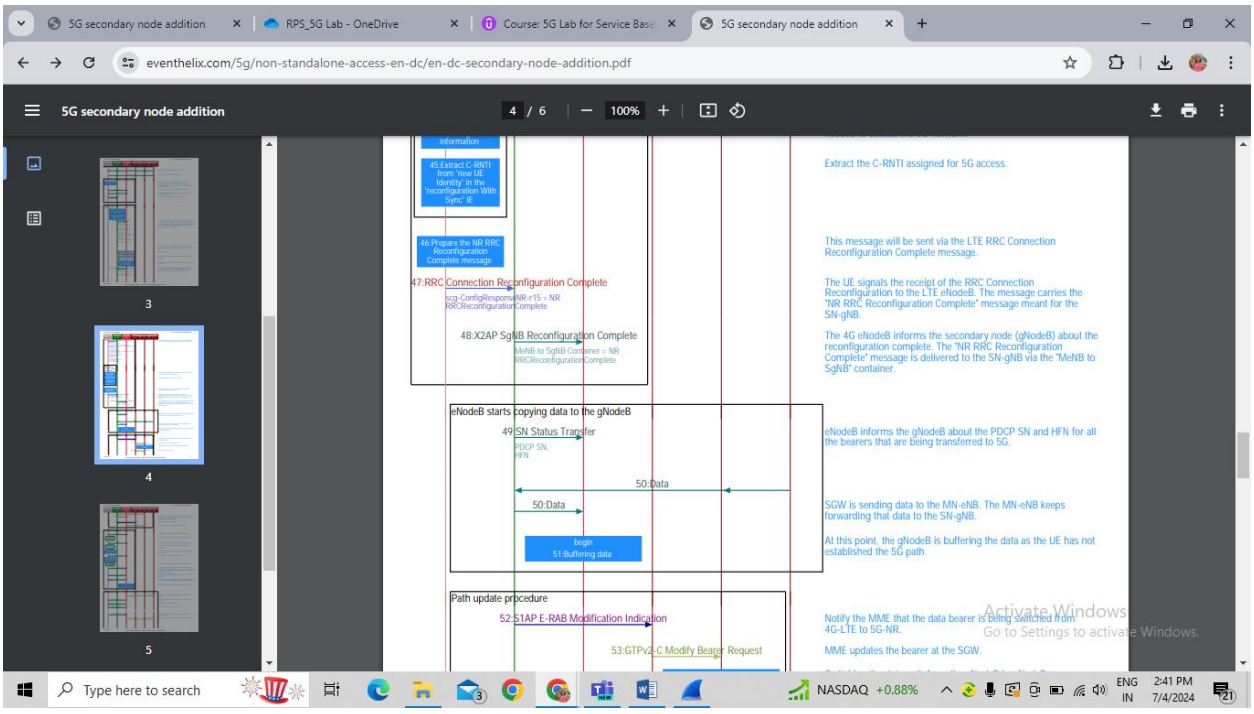
Row number : 274

Source address : 172.17.33.19

Destination address : 172.17.60.17



3. RRC Connection Reconfiguration Complete for 5G-NR Bearer

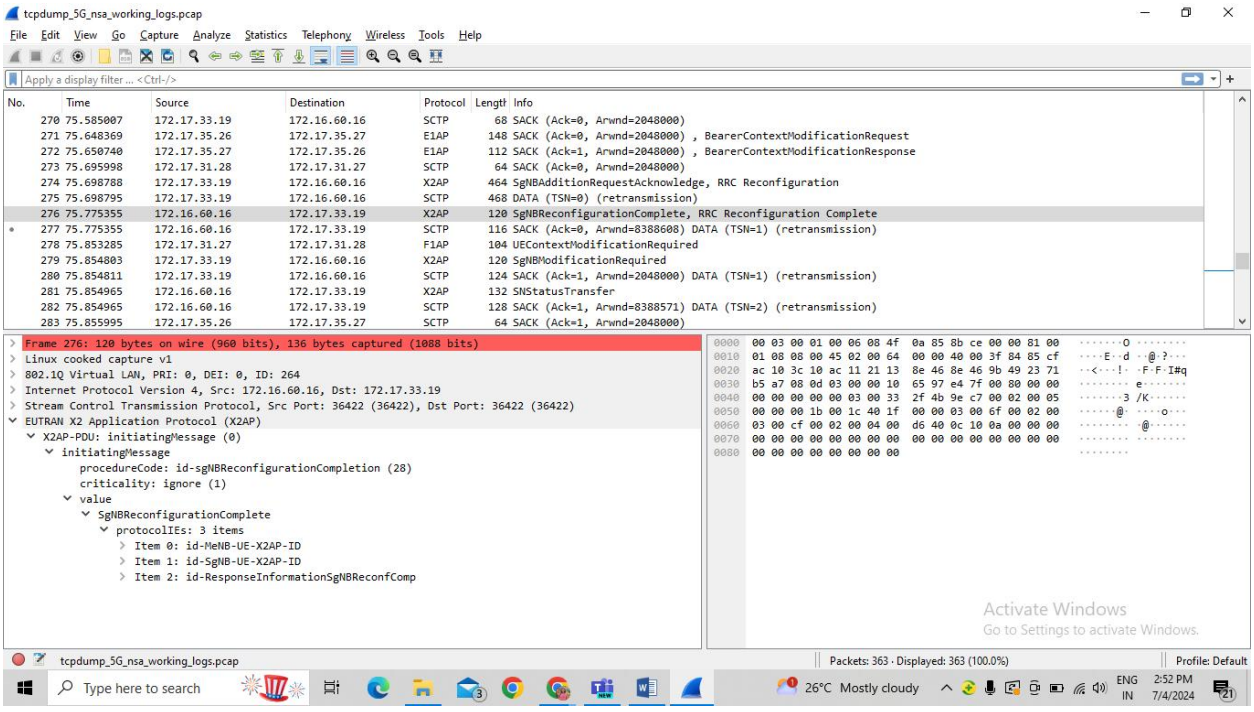


LTE-5GNR UE -----> LTE eNodeB

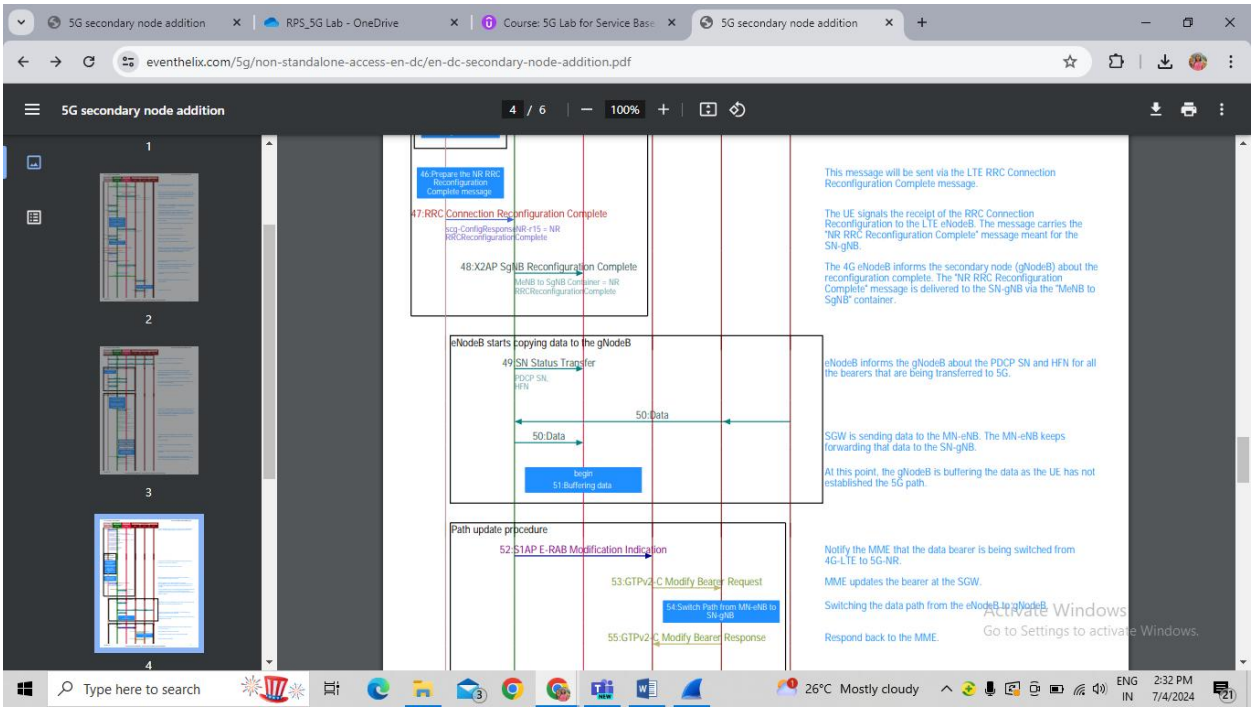
Row number : 276

Source address : 172.17.33.19

Destination address : 172.17.60.17



4. SN Status Transfer

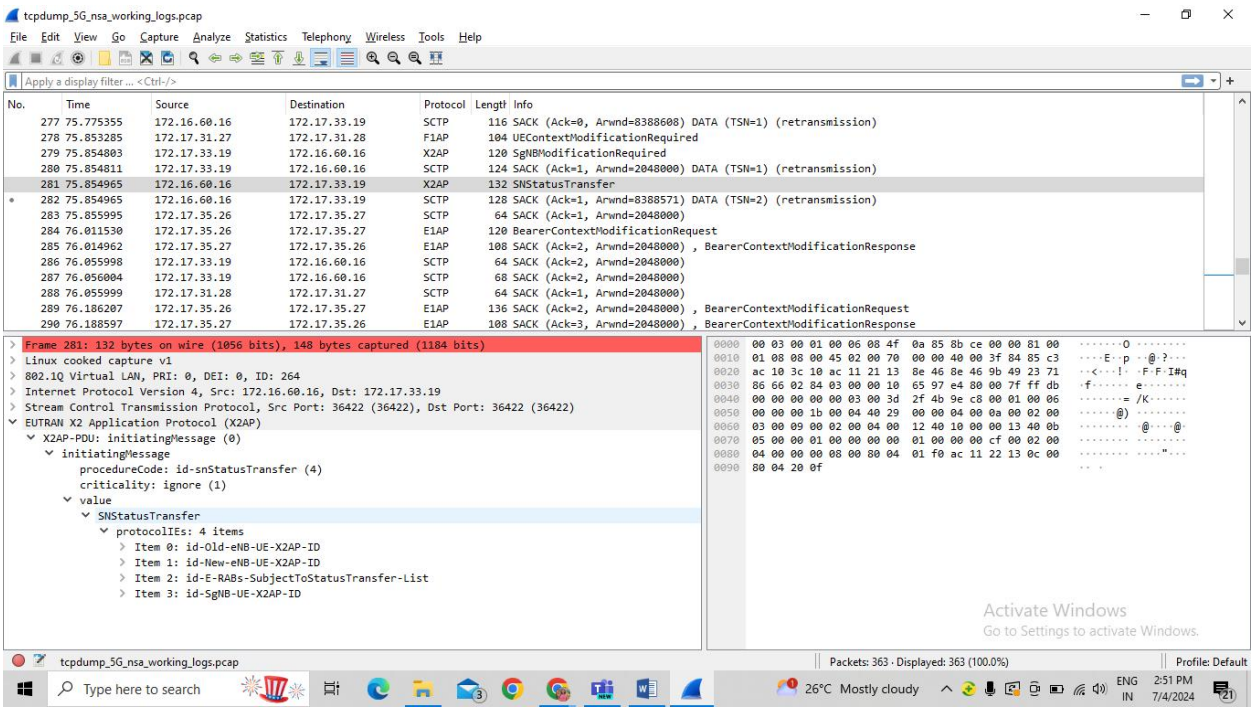


LTE-5GNR UE --------→ LTE eNodeB

Row number : 281

Source address : 172.16.60.16

Destination address : 172.17.33.19


tcpdump_5G_nsa_working_logs.pcap
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>
No. Time Source Destination Protocol Length Info
277 75.775355 172.16.60.16 172.17.33.19 SCTP 116 SACK (Ack=0, Arwnd=8388608) DATA (TSN=1) (retransmission)
278 75.853285 172.17.31.27 172.17.31.28 F1AP 104 UEContextModificationRequired
279 75.854803 172.17.33.19 172.16.60.16 X2AP 120 SgNBModificationRequired
280 75.854811 172.17.33.19 172.16.60.16 SCTP 124 SACK (Ack=1, Arwnd=2048000) DATA (TSN=1) (retransmission)
281 75.854965 172.16.60.16 172.17.33.19 X2AP 132 SNStatusTransfer
282 75.854965 172.16.60.16 172.17.33.19 SCTP 128 SACK (Ack=1, Arwnd=8388571) DATA (TSN=2) (retransmission)
283 75.855995 172.17.35.26 172.17.35.27 SCTP 64 SACK (Ack=1, Arwnd=2048000)
284 76.011530 172.17.35.26 172.17.35.27 E1AP 120 BearerContextModificationRequest
285 76.014962 172.17.35.27 172.17.35.26 E1AP 108 SACK (Ack=2, Arwnd=2048000) , BearerContextModificationResponse
286 76.055998 172.17.33.19 172.16.60.16 SCTP 64 SACK (Ack=2, Arwnd=2048000)
287 76.056004 172.17.33.19 172.16.60.16 SCTP 68 SACK (Ack=2, Arwnd=2048000)
288 76.055999 172.17.31.28 172.17.31.27 SCTP 64 SACK (Ack=1, Arwnd=2048000)
289 76.186207 172.17.35.26 172.17.35.27 E1AP 136 SACK (Ack=2, Arwnd=2048000) , BearerContextModificationRequest
290 76.188597 172.17.35.27 172.17.35.26 E1AP 108 SACK (Ack=3, Arwnd=2048000) , BearerContextModificationResponse
Frame 281: 132 bytes on wire (1056 bits), 148 bytes captured (1184 bits)
Linux cooked capture v1
802.1Q Virtual LAN, PRI: 0, DEI: 0, ID: 264
Internet Protocol Version 4, Src: 172.16.60.16, Dst: 172.17.33.19
Stream Control Transmission Protocol, Src Port: 36422 (36422), Dst Port: 36422 (36422)
EUTRAN X2 Application Protocol (X2AP)
X2AP-PDU: initiatingMessage (0)
initiatingMessage
procedureCode: id-snStatusTransfer (4)
criticality: ignore (1)
value
SNStatusTransfer
protocolIEs: 4 items
Item 0: id-Old-eNB-UE-X2AP-ID
Item 1: id-New-eNB-UE-X2AP-ID
Item 2: id-E-RABs-SubjectToStatusTransfer-List
Item 3: id-SgNB-UE-X2AP-ID
0000 00 03 00 01 00 06 08 4f 0a 85 8b ce 00 00 81 00
0010 01 08 08 00 45 02 00 70 00 00 40 00 3f 84 85 c3
0020 ac 10 3c 10 ac 11 21 13 8e 46 8e 46 9b 49 23 71
0030 86 66 02 84 03 00 00 10 65 97 e4 80 00 7f ff db
0040 00 00 00 00 00 03 00 3d 2f 4b 9e c8 00 01 00 06
0050 00 00 00 1b 00 04 40 29 00 00 04 00 0a 00 02 00
0060 03 00 09 00 02 00 04 00 12 40 10 00 00 13 40 0b
0070 05 00 00 01 00 00 00 00 01 00 00 00 cf 00 02 00
0080 04 00 00 00 08 00 80 04 01 f0 ac 11 22 13 0c 00
0090 80 04 20 0f
Activate Windows
Go to Settings to activate Windows.
tcpdump_5G_nsa_working_logs.pcap
Packets: 363 · Displayed: 363 (100.0%)
Profile: Default
Type here to search
26°C Mostly cloudy
ENG IN
2:51 PM 7/4/2024