

## Mitel to NEC H323 Call – DTMF 6 not receiving through H245 Protocol

DTMF from MXONE to NEC.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

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No.	Time	Source
3129	16.770764	10.30.44.71
3130	16.771695	HP_e9:6a:00:00:00:00
3131	16.774110	10.30.44.66
3132	16.774165	10.30.44.66
3133	16.775815	10.30.44.66
3134	16.780095	10.30.44.66
3135	16.790010	10.30.44.66
3136	16.790836	10.30.44.66
3137	16.794202	10.30.44.66
3138	16.794673	10.30.44.66
3139	16.804264	10.30.44.66
3140	16.810154	10.30.44.66
3141	16.810301	10.30.44.66
3142	16.810746	10.30.44.66
3143	16.813413	10.30.44.66
3144	16.814525	10.30.44.66
3145	16.830138	10.30.44.66
3146	16.830764	10.30.44.66
3147	16.833643	10.30.44.66
3148	16.833649	10.30.44.66
3149	16.834419	10.30.44.66
3150	16.840084	10.30.44.66
3151	16.850084	10.30.44.66
3152	16.850765	10.30.44.66
3153	16.853957	10.30.44.66
3154	16.854412	10.30.44.66
3155	16.864066	10.30.44.66
3156	16.870137	10.30.44.66
3157	16.870294	10.30.44.66
3158	16.870755	10.30.44.66
3159	16.874213	10.30.44.66
3160	16.874665	10.30.44.66
3161	16.875129	10.30.44.66
3162	16.886950	10.30.44.66
3163	16.890076	10.30.44.66
3164	16.890747	10.30.44.66
3165	16.893894	10.30.44.71

Wireshark - Packet 3165 - DTMF from MXONE to NEC.pcapng

> Frame 3165: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface \Device\NPF\_{10...}

> Ethernet II, Src: VMware\_d6:2e:75 (00:0c:29:d6:2e:75), Dst: NECPlatf\_ae:0d:7f (00:60:b9:ae:0d:7f)

> Internet Protocol Version 4, Src: 10.30.44.71, Dst: 10.30.44.66

> Transmission Control Protocol, Src Port: 38013, Dst Port: 5562, Seq: 167, Ack: 230, Len: 9

> TPCKT, Version: 3, Length: 9

> H.245

- indication: userInput (13)
  - userInput: signal (3)
    - signalType: ?

DTMF digit not available

0000 00 60 b9 ae 0d 7f 00 0c 29 d6 2e 75 08 00 45 98 .....).u..E-  
0010 00 3d 36 75 40 00 40 06 96 e9 0a 1e 2c 47 0a 1e ..=6u@.@..-.G..  
0020 2c 42 94 7d 15 ba 96 6b ec 6a 30 70 5b ea 80 18 ,B.}...k..j0p[...  
0030 00 ed cc 50 00 00 01 01 08 0a 69 a2 50 ff 00 00 ...P....-i.P...  
0040 96 0e 03 00 00 09 6d 81 02 06 c0 .....m....

Close Help

10.30.44.66 H.245 75 userInput

User Input Message

## NEC to NEC H323 Call – DTMF 6 is receiving through H245 Protocol

The image shows a Wireshark packet capture window titled "DTMF from NEC to NEC.pcapng". The packet list on the left shows packet 219 selected. The packet details pane on the right shows the structure of the packet:

- Frame 219: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{1D3CFD3E-95E2-4DCE-A0EC-2B012}
- Ethernet II, Src: NECPlatf\_e9:ca:8c (f8:b7:97:e9:ca:8c), Dst: NECPlatf\_ae:0d:7f (00:60:b9:ae:0d:7f)
- Internet Protocol Version 4, Src: 10.30.44.95, Dst: 10.30.44.66
- Transmission Control Protocol, Src Port: 45444, Dst Port: 5556, Seq: 186, Ack: 186, Len: 8
- TPKT, Version: 3, Length: 8
- H.245
  - PDU Type: indication (3)
    - indication: userInput (13)
      - userInput: alphanumeric (1)
        - alphanumeric: 6

A red circle highlights the "alphanumeric: 6" field in the H.245 PDU details. A red arrow points from a box labeled "DTMF digit is available" to this field.

The packet bytes pane shows the raw data of the packet, with the alphanumeric digit '6' highlighted in blue.

The packet list at the bottom shows packet 219 with the following details:

No.	Time	Source	Destination	Protocol	Length	Info
219	7.196276	10.30.44.95	10.30.44.66	H.245	74	userInput

A red circle highlights the "H.245 74 userInput" entry in the packet list. A red arrow points from a box labeled "User Input Message" to this entry.