

Frame 56

No.	Time	Source	Destination	Protocol	Info
56	2018-04-16 16:30:58.999168	User	Network	TEI	Identity Request

Frame 56 (8 bytes on wire, 8 bytes captured)

Arrival Time: Apr 16, 2018 16:30:58.999168000

[Time delta from previous captured frame: 2.003968000 seconds]

[Time delta from previous displayed frame: 2.003968000 seconds]

[Time since reference or first frame: 19639.640168000 seconds]

Frame Number: 56

Frame Length: 8 bytes

Capture Length: 8 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:tei_management]

Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0xfeff

1111 11.. = SAPI: Layer 2 management procedures (63)

.... ..0. = C/R: 0

.... ..0 = EA1: 0

.... 1111 111. = TEI: 127

.... 1 = EA2: 1

Control field: U, func=UI (0x03)

000. 00.. = Command: Unnumbered Information (0x00)

.... ..11 = Frame type: Unnumbered frame (0x03)

TEI Management Procedure, Channel D (LAPD)

Frame 57

No.	Time	Source	Destination	Protocol	Info
57	2018-04-16 16:30:59.005200	Network	User	TEI	Identity Assigned

Frame 57 (8 bytes on wire, 8 bytes captured)

Arrival Time: Apr 16, 2018 16:30:59.005200000

[Time delta from previous captured frame: 0.006032000 seconds]

[Time delta from previous displayed frame: 0.006032000 seconds]

[Time since reference or first frame: 19639.646200000 seconds]

Frame Number: 57

Frame Length: 8 bytes

Capture Length: 8 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:tei_management]

Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0xfeff

1111 11.. = SAPI: Layer 2 management procedures (63)

.... ..1. = C/R: 1

.... ...0 = EA1: 0

.... 1111 111. = TEI: 127

....1 = EA2: 1

Control field: U, func=UI (0x03)

000. 00.. = Command: Unnumbered Information (0x00)

.... ..11 = Frame type: Unnumbered frame (0x03)

TEI Management Procedure, Channel D (LAPD)

Frame 338

No.	Time	Source	Destination	Protocol	Info
338	2018-04-16 17:44:55.129216	User	Network	LAPD	U P, func=SABME

Frame 338 (3 bytes on wire, 3 bytes captured)

Arrival Time: Apr 16, 2018 17:44:55.129216000

[Time delta from previous captured frame: 1561.020000000 seconds]

[Time delta from previous displayed frame: 1561.020000000 seconds]

[Time since reference or first frame: 24075.770216000 seconds]

Frame Number: 338

Frame Length: 3 bytes

Capture Length: 3 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:data]

Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..0. = C/R: 0

.... ...0 = EA1: 0

.... 1000 000. = TEI: 64

....1 = EA2: 1

Control field: U P, func=SABME (0x7F)

...1 = Poll: Set

011. 11.. = Command: Set Asynchronous Balanced Mode Extended (0x1b)

.... ..11 = Frame type: Unnumbered frame (0x03)

Frame 339

No.	Time	Source	Destination	Protocol	Info
339	2018-04-16 17:44:55.133216	Network	User	LAPD	U F, func=UA

Frame 339 (3 bytes on wire, 3 bytes captured)

Arrival Time: Apr 16, 2018 17:44:55.133216000

[Time delta from previous captured frame: 0.004000000 seconds]

[Time delta from previous displayed frame: 0.004000000 seconds]

[Time since reference or first frame: 24075.774216000 seconds]

Frame Number: 339

Frame Length: 3 bytes
Capture Length: 3 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:data]
Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..0. = C/R: 0

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

.... 1 = EA2: 1

Control field: U F, func=UA (0x73)

...1 = Final: Set

011. 00.. = Response: Unnumbered Acknowledge (0x18)

.... ..11 = Frame type: Unnumbered frame (0x03)

Frame 340

No.	Time	Source	Destination	Protocol	Info
340	2018-04-16 17:44:55.163216	User	Network	Q.931	SETUP

Frame 340 (24 bytes on wire, 24 bytes captured)

Arrival Time: Apr 16, 2018 17:44:55.163216000

[Time delta from previous captured frame: 0.030000000 seconds]

[Time delta from previous displayed frame: 0.030000000 seconds]

[Time since reference or first frame: 24075.804216000 seconds]

Frame Number: 340

Frame Length: 24 bytes

Capture Length: 24 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:q931]

Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..0. = C/R: 0

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

.... 1 = EA2: 1

Control field: I, N(R)=0, N(S)=0 (0x0000)

0000 000. = N(R): 0

.... 0000 000. = N(S): 0

.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1
 Call reference flag: Message sent from originating side
 Call reference value: 01
 Message type: SETUP (0x05)
 Bearer capability
 Information element: Bearer capability
 Length: 3
 1... = Extension indicator: last octet
 .00. = Coding standard: ITU-T standardized coding (0x00)
 ...0 0000 = Information transfer capability: Speech (0x00)
 1... = Extension indicator: last octet
 .00. = Transfer mode: Circuit mode (0x00)
 ...1 0000 = Information transfer rate: 64 kbit/s (0x10)
 1... = Extension indicator: last octet
 .01. = Layer identification: Layer 1 identifier (0x01)
 ...0 0011 = User information layer 1 protocol: Recommendation G.711 A-law (0x03)
 Calling party number: '100'
 Information element: Calling party number
 Length: 5
 0000 = Numbering plan: Unknown (0x00)
 .000 = Number type: Unknown (0x00)
 0... = Extension indicator: information continues through the next octet
 00 = Screening indicator: User-provided, not screened (0x00)
 .00. = Presentation indicator: Presentation allowed (0x00)
 1... = Extension indicator: last octet
 Calling party number digits: 100
 High-layer compatibility
 Information element: High-layer compatibility
 Length: 2
 .00. = Coding standard: ITU-T standardized coding (0x00)
 High layer characteristics identification: Telephony

Frame 344

No.	Time	Source	Destination	Protocol	Info
344	2018-04-16 17:44:56.463200	User	Network	Q.931	INFORMATION

Frame 344 (12 bytes on wire, 12 bytes captured)
 Arrival Time: Apr 16, 2018 17:44:56.463200000
 [Time delta from previous captured frame: 1.272032000 seconds]
 [Time delta from previous displayed frame: 1.272032000 seconds]
 [Time since reference or first frame: 24077.104200000 seconds]
 Frame Number: 344
 Frame Length: 12 bytes
 Capture Length: 12 bytes
 [Frame is marked: False]
 [Protocols in frame: isdn:lapd:q931]
 Point-to-Point Direction: Sent (0)
 ISDN
 Channel: D (0)
 Link Access Procedure, Channel D (LAPD)
 [Direction: User->Network (0)]

Address Field: 0x0081
0000 00.. = SAPI: Q.931 Call control procedure (0)
.... ..0. = C/R: 0
.... ...0 = EA1: 0
.... 1000 000. = TEI: 64
.... 1 = EA2: 1
Control field: I, N(R)=1, N(S)=1 (0x0202)
0000 001. = N(R): 1
.... 0000 001. = N(S): 1
.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931
Call reference value length: 1
Call reference flag: Message sent from originating side
Call reference value: 01
Message type: INFORMATION (0x7b)
Called party number: '2'
Information element: Called party number
Length: 2
.... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)
.000 = Number type: Unknown (0x00)
1... = Extension indicator: last octet
Called party number digits: 2
E.164 Called party number digits: 2

Frame 346

No.	Time	Source	Destination	Protocol	Info
346	2018-04-16 17:44:56.895184	User	Network	Q.931	INFORMATION

Frame 346 (12 bytes on wire, 12 bytes captured)
Arrival Time: Apr 16, 2018 17:44:56.895184000
[Time delta from previous captured frame: 0.426016000 seconds]
[Time delta from previous displayed frame: 0.426016000 seconds]
[Time since reference or first frame: 24077.536184000 seconds]
Frame Number: 346
Frame Length: 12 bytes
Capture Length: 12 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:q931]
Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]
Address Field: 0x0081
0000 00.. = SAPI: Q.931 Call control procedure (0)
.... ..0. = C/R: 0
.... ...0 = EA1: 0
.... 1000 000. = TEI: 64
.... 1 = EA2: 1
Control field: I, N(R)=1, N(S)=2 (0x0204)

0000 001. = N(R): 1
.... 0000 010. = N(S): 2
.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931
Call reference value length: 1
Call reference flag: Message sent from originating side
Call reference value: 01
Message type: INFORMATION (0x7b)
Called party number: '0'
Information element: Called party number
Length: 2
.... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)
.000 = Number type: Unknown (0x00)
1... = Extension indicator: last octet
Called party number digits: 0
E.164 Called party number digits: 0

Frame 348

No.	Time	Source	Destination	Protocol Info
348	2018-04-16 17:44:57.131184	User	Network	Q.931 INFORMATION

Frame 348 (12 bytes on wire, 12 bytes captured)
Arrival Time: Apr 16, 2018 17:44:57.131184000
[Time delta from previous captured frame: 0.230016000 seconds]
[Time delta from previous displayed frame: 0.230016000 seconds]
[Time since reference or first frame: 24077.772184000 seconds]
Frame Number: 348
Frame Length: 12 bytes
Capture Length: 12 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:q931]
Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)
.... ..0. = C/R: 0
.... ..0 = EA1: 0
.... 1000 000. = TEI: 64
....1 = EA2: 1

Control field: I, N(R)=1, N(S)=3 (0x0206)

0000 001. = N(R): 1
.... 0000 011. = N(S): 3
.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931
Call reference value length: 1
Call reference flag: Message sent from originating side

Call reference value: 01

Message type: INFORMATION (0x7b)

Called party number: '0'

Information element: Called party number

Length: 2

.... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)

.000 = Number type: Unknown (0x00)

1... = Extension indicator: last octet

Called party number digits: 0

E.164 Called party number digits: 0

Frame 350

No.	Time	Source	Destination	Protocol	Info
350	2018-04-16 17:44:57.279	200 Network	User	Q.931	CALL PROCEEDING

Frame 350 (11 bytes on wire, 11 bytes captured)

Arrival Time: Apr 16, 2018 17:44:57.279200000

[Time delta from previous captured frame: 0.142032000 seconds]

[Time delta from previous displayed frame: 0.142032000 seconds]

[Time since reference or first frame: 24077.920200000 seconds]

Frame Number: 350

Frame Length: 11 bytes

Capture Length: 11 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:q931]

Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0x0281

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..1. = C/R: 1

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

....1 = EA2: 1

Control field: I, N(R)=4, N(S)=1 (0x0802)

0000 100. = N(R): 4

.... 0000 001. = N(S): 1

....0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1

Call reference flag: Message sent to originating side

Call reference value: 01

Message type: CALL PROCEEDING (0x02)

Channel identification

Information element: Channel identification

Length: 1

1... = Extension indicator: last octet

.0.. = Interface identifier present: False
 ..0. = Interface type: Basic rate interface
 1... = Indicated channel is exclusive: Exclusive; only the indicated channel is acceptable
0.. = D-channel indicator: False
01 = **Information channel selection: B1 channel (0x01)**

Frame 352

No.	Time	Source	Destination	Protocol	Info
352	2018-04-16 17:44:57.299216	Network	User	Q.931	ALERTING

Frame 352 (8 bytes on wire, 8 bytes captured)
 Arrival Time: Apr 16, 2018 17:44:57.299216000
 [Time delta from previous captured frame: 0.006032000 seconds]
 [Time delta from previous displayed frame: 0.006032000 seconds]
 [Time since reference or first frame: 24077.940216000 seconds]
 Frame Number: 352
 Frame Length: 8 bytes
 Capture Length: 8 bytes
 [Frame is marked: False]
 [Protocols in frame: isdn:lapd:q931]
 Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0x0281

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..1. = C/R: 1

.... ...0 = EA1: 0

.... 1000 000. = TEI: 64

.... 1 = EA2: 1

Control field: I, N(R)=4, N(S)=2 (0x0804)

0000 100. = N(R): 4

.... 0000 010. = N(S): 2

.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1

Call reference flag: Message sent to originating side

Call reference value: 01

Message type: **ALERTING (0x01)**

Frame 354

No.	Time	Source	Destination	Protocol	Info
354	2018-04-16 17:44:58.629168	Network	User	Q.931	CONNECT

Frame 354 (15 bytes on wire, 15 bytes captured)
 Arrival Time: Apr 16, 2018 17:44:58.629168000
 [Time delta from previous captured frame: 1.275968000 seconds]
 [Time delta from previous displayed frame: 1.275968000 seconds]

[Time since reference or first frame: 24079.270168000 seconds]
Frame Number: 354
Frame Length: 15 bytes
Capture Length: 15 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:q931]
Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0x0281

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..1. = C/R: 1

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

....1 = EA2: 1

Control field: I, N(R)=4, N(S)=3 (0x0806)

0000 100. = N(R): 4

.... 0000 011. = N(S): 3

....0 = Frame type: **Information frame** (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1

Call reference flag: Message sent to originating side

Call reference value: 01

Message type: CONNECT (0x07)

Connected number: '200'

Information element: Connected number

Length: 5

.... 0000 = Numbering plan: Unknown (0x00)

.000 = Number type: Unknown (0x00)

0... = Extension indicator: information continues through the next octet

.... ..00 = Screening indicator: User-provided, not screened (0x00)

.00. = Presentation indicator: Presentation allowed (0x00)

1... = Extension indicator: last octet

Connected party number digits: 200

Frame 360

No.	Time	Source	Destination	Protocol	Info
360	2018-04-16 17:45:04.065184	Network	User	Q.931	RELEASE

COMPLETE

Frame 360 (8 bytes on wire, 8 bytes captured)

Arrival Time: Apr 16, 2018 17:45:04.065184000

[Time delta from previous captured frame: 0.006016000 seconds]

[Time delta from previous displayed frame: 0.006016000 seconds]

[Time since reference or first frame: 24084.706184000 seconds]

Frame Number: 360

Frame Length: 8 bytes

Capture Length: 8 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:q931]
Point-to-Point Direction: Received (1)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: Network->User (1)]

Address Field: 0x0281

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..1. = C/R: 1

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

....1 = EA2: 1

Control field: I, N(R)=5, N(S)=5 (0x0A0A)

0000 101. = N(R): 5

.... 0000 101. = N(S): 5

....0 = Frame type: **Information frame** (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1

Call reference flag: Message sent to originating side

Call reference value: 01

Message type: RELEASE COMPLETE (0x5a)

Frame 362

No.	Time	Source	Destination	Protocol Info	
362	2018-04-16 17:45:11.721200	User	Network	LAPD	U P, func= DISC

Frame 362 (3 bytes on wire, 3 bytes captured)

Arrival Time: Apr 16, 2018 17:45:11.721200000

[Time delta from previous captured frame: 7.502000000 seconds]

[Time delta from previous displayed frame: 7.502000000 seconds]

[Time since reference or first frame: 24092.362200000 seconds]

Frame Number: 362

Frame Length: 3 bytes

Capture Length: 3 bytes

[Frame is marked: False]

[Protocols in frame: isdn:lapd:data]

Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)

.... ..0. = C/R: 0

.... ..0 = EA1: 0

.... 1000 000. = TEI: 64

....1 = EA2: 1

Control field: U P, func=DISC (0x53)

...1 = Poll: Set
010. 00.. = Command: Disconnect (0x10)
.... ..11 = Frame type: Unnumbered frame (0x03)

Frame 366 (Blockwahl)

No.	Time	Source	Destination	Protocol	Info
366	2018-04-16 17:56:17.227216	User	Network	Q.931	SETUP

Frame 366 (30 bytes on wire, 30 bytes captured)
Arrival Time: Apr 16, 2018 17:56:17.227216000
[Time delta from previous captured frame: 0.034000000 seconds]
[Time delta from previous displayed frame: 0.034000000 seconds]
[Time since reference or first frame: 24757.868216000 seconds]
Frame Number: 366
Frame Length: 30 bytes
Capture Length: 30 bytes
[Frame is marked: False]
[Protocols in frame: isdn:lapd:q931]
Point-to-Point Direction: Sent (0)

ISDN

Channel: D (0)

Link Access Procedure, Channel D (LAPD)

[Direction: User->Network (0)]

Address Field: 0x0081

0000 00.. = SAPI: Q.931 Call control procedure (0)
.... ..0. = C/R: 0
.... ..0 = EA1: 0
.... 1000 000. = TEI: 64
.... 1 = EA2: 1

Control field: I, N(R)=0, N(S)=0 (0x0000)

0000 000. = N(R): 0
.... 0000 000. = N(S): 0
.... 0 = Frame type: Information frame (0x0000)

Q.931

Protocol discriminator: Q.931

Call reference value length: 1

Call reference flag: Message sent from originating side

Call reference value: 01

Message type: SETUP (0x05)

Bearer capability

Information element: Bearer capability

Length: 3

1... = Extension indicator: last octet
.00. = Coding standard: ITU-T standardized coding (0x00)
...0 0000 = Information transfer capability: Speech (0x00)
1... = Extension indicator: last octet
.00. = Transfer mode: Circuit mode (0x00)
...1 0000 = Information transfer rate: 64 kbit/s (0x10)
1... = Extension indicator: last octet
.01. = Layer identification: Layer 1 identifier (0x01)
...0 0011 = User information layer 1 protocol: Recommendation G.711 A-law (0x03)

Calling party number: '100'

Information element: Calling party number

Length: 5

.... 0000 = Numbering plan: Unknown (0x00)

.000 = Number type: Unknown (0x00)

0... = Extension indicator: information continues through the next octet

.... ..00 = Screening indicator: User-provided, not screened (0x00)

.00. = Presentation indicator: Presentation allowed (0x00)

1... = Extension indicator: last octet

Calling party number digits: 100

Called party number: '200'

Information element: Called party number

Length: 4

.... 0001 = Numbering plan: E.164 ISDN/telephony numbering (0x01)

.000 = Number type: Unknown (0x00)

1... = Extension indicator: last octet

Called party number digits: 200

E.164 Called party number digits: 200

High-layer compatibility

Information element: High-layer compatibility

Length: 2

.00. = Coding standard: ITU-T standardized coding (0x00)

High layer characteristics identification: Telephony