

```

Frame 21 (19 bytes on wire, 19 bytes captured)
  Arrival Time: Jun 16, 2004 17:46:21.543458000
  Time delta from previous packet: 42.858558000 seconds
  Time relative to first packet: 42.858558000 seconds
  Frame Number: 21
  Packet Length: 19 bytes
  Capture Length: 19 bytes
Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20
  Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
  Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
  Type: 802.1X Authentication (0x888e)
  Trailer: 00
802.1x Authentication
  Version: 1
  Type: Start (1)
  Length: 0

0000  00 0e 38 4e 46 20 00 02 2d b5 b7 38 88 8e 01 01  ..8NF  ..-..8....
0010  00 00 00                                     ...

```

```

Frame 22 (60 bytes on wire, 60 bytes captured)
  Arrival Time: Jun 16, 2004 17:46:21.544909000
  Time delta from previous packet: 0.001451000 seconds
  Time relative to first packet: 42.860009000 seconds
  Frame Number: 22
  Packet Length: 60 bytes
  Capture Length: 60 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
  Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
  Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
  Type: 802.1X Authentication (0x888e)
  Trailer: 00000000000000000000000000000000...
802.1x Authentication
  Version: 1
  Type: EAP Packet (0)
  Length: 5
  Extensible Authentication Protocol
    Code: Request (1)
    Id: 4
    Length: 5
    Type: Identity [RFC2284] (1)

0000  00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00  ..-..8..8NF  ....
0010  00 05 01 04 00 05 01 00 00 00 00 00 00 00 00 00  .....
0020  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....

```

```

Frame 23 (43 bytes on wire, 43 bytes captured)
  Arrival Time: Jun 16, 2004 17:46:21.545195000
  Time delta from previous packet: 0.000286000 seconds
  Time relative to first packet: 42.860295000 seconds
  Frame Number: 23
  Packet Length: 43 bytes
  Capture Length: 43 bytes
Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20
  Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
  Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
  Type: 802.1X Authentication (0x888e)
802.1x Authentication
  Version: 1
  Type: EAP Packet (0)

```

Length: 25
Extensible Authentication Protocol
Code: Response (2)
Id: 4
Length: 25
Type: Identity [RFC2284] (1)
Identity (20 bytes): pascal.urien@enst.fr

```
0000 00 0e 38 4e 46 20 00 02 d5 b7 38 88 8e 01 00  ..8NF ..-..8....
0010 00 19 02 04 00 19 01 70 61 73 63 61 6c 2e 75 72  ....pascal.ur
0020 69 65 6e 40 65 6e 73 74 2e 66 72  ien@enst.fr
```

Frame 28 (60 bytes on wire, 60 bytes captured)
Arrival Time: Jun 16, 2004 17:46:21.555530000
Time delta from previous packet: 0.004826000 seconds
Time relative to first packet: 42.870630000 seconds
Frame Number: 28
Packet Length: 60 bytes
Capture Length: 60 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
Type: 802.1X Authentication (0x888e)
Trailer: 00000000000000000000000000000000...
802.1x Authentication
Version: 1
Type: EAP Packet (0)
Length: 6
Extensible Authentication Protocol
Code: Request (1)
Id: 6
Length: 6
Type: EAP-TLS [RFC2716] [Aboba] (13)
Flags(0x20): Start

```
0000 00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00  ..-..8..8NF ....
0010 00 06 01 06 00 06 0d 20 00 00 00 00 00 00 00 00  ....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ....
```

Frame 33 (78 bytes on wire, 78 bytes captured)
Arrival Time: Jun 16, 2004 17:46:23.039075000
Time delta from previous packet: 1.483545000 seconds
Time relative to first packet: 44.354175000 seconds
Frame Number: 33
Packet Length: 78 bytes
Capture Length: 78 bytes
Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20
Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
Type: 802.1X Authentication (0x888e)
802.1x Authentication
Version: 1
Type: EAP Packet (0)
Length: 60
Extensible Authentication Protocol
Code: Response (2)
Id: 6
Length: 60
Type: EAP-TLS [RFC2716] [Aboba] (13)

```

Flags(0x80): Length
Length: 50
Secure Socket Layer
    TLS Record Layer: Client Hello
        Content Type: Handshake (22)
        Version: TLS 1.0 (0x0301)
        Length: 45
        Handshake Protocol: Client Hello
            Handshake Type: Client Hello (1)
            Length: 41
            Version: TLS 1.0 (0x0301)
            Random.gmt_unix_time: Jun 16, 2004 17:46:22.000000000
            Random.bytes
            Session ID Length: 0
            Cipher Suites Length: 2
            Cipher Suites (1 suite)
                Cipher Suite: TLS_RSA_WITH_RC4_128_MD5 (0x0004)
            Compression Methods Length: 1
            Compression Methods (1 method)
                Compression Method: null (0)

```

```

0000  00 0e 38 4e 46 20 00 02 2d b5 b7 38 88 8e 01 00  ..8NF ..-..8....
0010  00 3c 02 06 00 3c 0d 80 00 00 00 32 16 03 01 00  .<...<.....2....
0020  2d 01 00 00 29 03 01 40 d0 6b 4e 30 bd af 2c aa  -...)..@.kN0...,.
0030  1e 06 7a e6 fa 9a 42 d9 f8 ef c9 22 aa 74 0c 3a  ..z...B....".t.:
0040  45 cc 0f 97 2f 17 0b 00 00 02 00 04 01 00      E.../.....

```

```

Frame 34 (1052 bytes on wire, 1052 bytes captured)
    Arrival Time: Jun 16, 2004 17:46:23.047096000
    Time delta from previous packet: 0.008021000 seconds
    Time relative to first packet: 44.362196000 seconds
    Frame Number: 34
    Packet Length: 1052 bytes
    Capture Length: 1052 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
    Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
    Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
    Type: 802.1X Authentication (0x888e)
802.1x Authentication
    Version: 1
    Type: EAP Packet (0)
    Length: 1034
    Extensible Authentication Protocol
        Code: Request (1)
        Id: 7
        Length: 1034
        Type: EAP-TLS [RFC2716] [Aboba] (13)
        Flags(0xC0): Length More
        Length: 1746
        EAP-TLS Fragments
            Frame:34 payload:0-1023
            Frame:40 payload:1024-1745
        Secure Socket Layer
            TLS Record Layer: Server Hello
                Content Type: Handshake (22)
                Version: TLS 1.0 (0x0301)
                Length: 74
                Handshake Protocol: Server Hello
                    Handshake Type: Server Hello (2)
                    Length: 70
                    Version: TLS 1.0 (0x0301)

```

```

Random.gmt_unix_time: Jun 16, 2004 17:46:52.000000000
Random.bytes
Session ID Length: 32
Session ID (32 bytes)
Cipher Suite: TLS_RSA_WITH_RC4_128_MD5 (0x0004)
Compression Method: null (0)
TLS Record Layer: Certificate
Content Type: Handshake (22)
Version: TLS 1.0 (0x0301)
Length: 1514
Handshake Protocol: Certificate
Handshake Type: Certificate (11)
Length: 1510
Certificates Length: 1507
Certificates (1507 bytes)
Certificate Length: 649
Certificate (649 bytes)
Certificate Length: 852
Certificate (852 bytes)
TLS Record Layer: Multiple Handshake Messages
Content Type: Handshake (22)
Version: TLS 1.0 (0x0301)
Length: 143
Handshake Protocol: Certificate Request
Handshake Type: Certificate Request (13)
Length: 135
Certificate types count: 2
Certificate types (2 types)
Certificate type: RSA Sign (1)
Certificate type: DSS Sign (2)
Distinguished Names Length: 130
Distinguished Names (130 bytes)
Distinguished Name Length: 128
Distinguished Name (128 bytes)
Handshake Protocol: Server Hello Done
Handshake Type: Server Hello Done (14)
Length: 0

```

Frame:

```

0000 00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00  ..-...8...8NF ....
0010 04 0a 01 07 04 0a 0d c0 00 00 06 d2 16 03 01 00  .....
0020 4a 02 00 00 46 03 01 40 d0 6b 6c 26 49 c1 d2 61  J...F...@.kl&I..a
0030 47 5b 83 56 dd 17 96 e0 6c 3c 2b 82 3b 74 13 f7  G[.V....l<+.;t..
0040 8a 5d 63 04 99 1b ee 20 42 2e f8 07 57 4c ff a4  .]c.... B...WL..
0050 b5 1e f1 57 58 ac 1e ef 8c 8c 1f 76 83 ac bc b9  ...WX.....v....
0060 9c 0e 38 84 ea 13 b4 df 00 04 00 16 03 01 05 ea  ..8.....
0070 0b 00 05 e6 00 05 e3 00 02 89 30 82 02 85 30 82  .....0...0.
0080 01 ee a0 03 02 01 02 02 01 03 30 0d 06 09 2a 86  .....0...*.
0090 48 86 f7 0d 01 01 04 05 00 30 7e 31 0b 30 09 06  H.....0~1.0..
00a0 03 55 04 06 13 02 46 52 31 0e 30 0c 06 03 55 04  .U....FR1.0...U.
00b0 07 13 05 50 61 72 69 73 31 0d 30 0b 06 03 55 04  ...Paris1.0...U.
00c0 0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04 0b  ...ENST1.0...U..
00d0 13 06 49 6e 66 52 65 73 31 14 30 12 06 03 55 04  ..InfRes1.0...U.
00e0 03 13 0b 49 6e 66 52 61 64 69 6f 20 43 41 31 29  ...InfRadio CA1)
00f0 30 27 06 09 2a 86 48 86 f7 0d 01 09 01 16 1a 77  0'...*.H.....w
0100 65 62 6d 61 73 74 65 72 40 69 6e 66 72 61 64 69  ebmaster@infradi
0110 6f 2e 65 6e 73 74 2e 66 72 30 1e 17 0d 30 34 30  o.enst.fr0...040
0120 33 30 34 32 33 32 38 34 39 5a 17 0d 30 36 31 31  304232849Z..0611
0130 32 39 32 33 32 38 34 39 5a 30 7a 31 0b 30 09 06  29232849Z0z1.0..
0140 03 55 04 06 13 02 46 52 31 0d 30 0b 06 03 55 04  .U....FR1.0...U.

```

0150	0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04 0b	...ENST1.0...U..
0160	13 06 49 6e 66 52 65 73 31 20 30 1e 06 03 55 04	..InfRes1 0...U.
0170	03 13 17 72 61 64 69 75 73 2e 69 6e 66 72 61 64	...radius.infrad
0180	69 6f 2e 65 6e 73 74 2e 66 72 31 29 30 27 06 09	io.enst.fr1)0'..
0190	2a 86 48 86 f7 0d 01 09 01 16 1a 77 65 62 6d 61	*.H.....webma
01a0	73 74 65 72 40 69 6e 66 72 61 64 69 6f 2e 65 6e	ster@infradio.en
01b0	73 74 2e 66 72 30 81 9f 30 0d 06 09 2a 86 48 86	st.fr0...0...*.H.
01c0	f7 0d 01 01 01 05 00 03 81 8d 00 30 81 89 02 81	0....
01d0	81 00 b5 8c d3 6f 6e bc ff 90 eb 71 ea c2 85 55	on....q...U
01e0	5c cb ea d4 ea 8e ca 85 7a 61 c4 bc 41 87 80 3c	\.....za..A..<
01f0	58 f9 75 12 91 cb 02 c6 c7 07 3d 69 4b ee f4 51	X.u.....=iK..Q
0200	81 d6 53 a4 b2 b2 5a 0e a4 6b d2 3f 81 cb f1 06	..S...Z..k.?....
0210	ea 31 8f 26 a1 f2 69 a7 b4 a6 63 c5 9a 3c c2 0e	.1.&..i...c..<..
0220	6d 4d e0 ed 35 5f 28 d7 00 38 be 1f cd a2 76 89	mM..5_(.8....v.
0230	7b 3f 40 2a 9a 50 7c 7b 73 97 2b 6f 12 44 07 f1	{?@*.P {s.+o.D..
0240	4e d2 66 9a d9 18 9f ba 07 0c 56 df f1 d8 19 12	N.f.....V.....
0250	d6 2d 02 03 01 00 01 a3 17 30 15 30 13 06 03 55	.-.....0.0...U
0260	1d 25 04 0c 30 0a 06 08 2b 06 01 05 05 07 03 01	.%..0...+.....
0270	30 0d 06 09 2a 86 48 86 f7 0d 01 01 04 05 00 03	0...*.H.....
0280	81 81 00 52 aa e3 6e 4c f7 c1 6b 05 1c 06 2d b7	...R..nL..k...-
0290	2e c8 8a 1a 97 93 2a 5b cf 07 06 5c 75 0c 92 9f	*[[...u...
02a0	00 b4 a0 1c 4a 47 2c 0d 28 48 91 dd a4 66 e2 15	JG,. (H...f..
02b0	7a 68 d8 32 64 b0 43 ca 46 65 42 ec 34 d5 a0 71	zh.2d.C.FeB.4..q
02c0	e7 1e 83 72 a5 7b 5b 5c 5e 4e f6 df ef b0 b2 69	...r.{[\^N.....i
02d0	f9 1f a8 d4 1c 81 82 dc 6d 4e a6 9e 4f 27 31 2a	mN..O'1*
02e0	21 f5 fe 49 f5 0c 37 d5 48 2e 21 9a 41 61 e8 aa	!..I..7.H.!Aa..
02f0	f7 3b d4 0b 98 e3 78 76 a8 83 3f 89 3c 11 d5 47	.;....xv...?<..G
0300	a9 38 6c 00 03 54 30 82 03 50 30 82 02 b9 a0 03	.8l..T0..P0.....
0310	02 01 02 02 01 00 30 0d 06 09 2a 86 48 86 f7 0d	0...*.H...
0320	01 01 04 05 00 30 7e 31 0b 30 09 06 03 55 04 06	0~1.0...U..
0330	13 02 46 52 31 0e 30 0c 06 03 55 04 07 13 05 50	..FR1.0...U....P
0340	61 72 69 73 31 0d 30 0b 06 03 55 04 0a 13 04 45	aris1.0...U....E
0350	4e 53 54 31 0f 30 0d 06 03 55 04 0b 13 06 49 6e	NST1.0...U....In
0360	66 52 65 73 31 14 30 12 06 03 55 04 03 13 0b 49	fRes1.0...U....I
0370	6e 66 52 61 64 69 6f 20 43 41 31 29 30 27 06 09	nfRadio CA1)0'..
0380	2a 86 48 86 f7 0d 01 09 01 16 1a 77 65 62 6d 61	*.H.....webma
0390	73 74 65 72 40 69 6e 66 72 61 64 69 6f 2e 65 6e	ster@infradio.en
03a0	73 74 2e 66 72 30 1e 17 0d 30 34 30 33 30 34 32	st.fr0...0403042
03b0	32 32 38 32 39 5a 17 0d 30 36 31 31 32 39 32 32	22829Z..06112922
03c0	32 38 32 39 5a 30 7e 31 0b 30 09 06 03 55 04 06	2829Z0~1.0...U..
03d0	13 02 46 52 31 0e 30 0c 06 03 55 04 07 13 05 50	..FR1.0...U....P
03e0	61 72 69 73 31 0d 30 0b 06 03 55 04 0a 13 04 45	aris1.0...U....E
03f0	4e 53 54 31 0f 30 0d 06 03 55 04 0b 13 06 49 6e	NST1.0...U....In
0400	66 52 65 73 31 14 30 12 06 03 55 04 03 13 0b 49	fRes1.0...U....I
0410	6e 66 52 61 64 69 6f 20 43 41 31 29	nfRadio CA1)

Frame 39 (24 bytes on wire, 24 bytes captured)

Arrival Time: Jun 16, 2004 17:46:25.111712000

Time delta from previous packet: 2.064616000 seconds

Time relative to first packet: 46.426812000 seconds

Frame Number: 39

Packet Length: 24 bytes

Capture Length: 24 bytes

Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20

Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)

Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)

Type: 802.1X Authentication (0x888e)

802.1x Authentication

Version: 1

Type: EAP Packet (0)
Length: 6
Extensible Authentication Protocol
Code: Response (2)
Id: 7
Length: 6
Type: EAP-TLS [RFC2716] [Aboba] (13)
Flags(0x0):

```
0000  00 0e 38 4e 46 20 00 02 2d b5 b7 38 88 8e 01 00  ..8NF ..-..8....
0010  00 06 02 07 00 06 0d 00  .....
```

Frame 40 (750 bytes on wire, 750 bytes captured)

Arrival Time: Jun 16, 2004 17:46:25.118479000
Time delta from previous packet: 0.006767000 seconds
Time relative to first packet: 46.433579000 seconds
Frame Number: 40
Packet Length: 750 bytes
Capture Length: 750 bytes

Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38

Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
Type: 802.1X Authentication (0x888e)

802.1x Authentication

Version: 1
Type: EAP Packet (0)
Length: 732

Extensible Authentication Protocol

Code: Request (1)
Id: 8
Length: 732
Type: EAP-TLS [RFC2716] [Aboba] (13)
Flags(0x80): Length
Length: 1746
EAP-TLS Fragments

Frame:34 payload:0-1023

Frame:40 payload:1024-1745

Secure Socket Layer

TLS Record Layer: Server Hello

Content Type: Handshake (22)

Version: TLS 1.0 (0x0301)

Length: 74

Handshake Protocol: Server Hello

Handshake Type: Server Hello (2)

Length: 70

Version: TLS 1.0 (0x0301)

Random.gmt_unix_time: Jun 16, 2004 17:46:52.000000000

Random.bytes

Session ID Length: 32

Session ID (32 bytes)

Cipher Suite: TLS_RSA_WITH_RC4_128_MD5 (0x0004)

Compression Method: null (0)

TLS Record Layer: Certificate

Content Type: Handshake (22)

Version: TLS 1.0 (0x0301)

Length: 1514

Handshake Protocol: Certificate

Handshake Type: Certificate (11)

Length: 1510

Certificates Length: 1507

Certificates (1507 bytes)

Certificate Length: 649
Certificate (649 bytes)
Certificate Length: 852
Certificate (852 bytes)
TLS Record Layer: Multiple Handshake Messages
Content Type: Handshake (22)
Version: TLS 1.0 (0x0301)
Length: 143
Handshake Protocol: Certificate Request
Handshake Type: Certificate Request (13)
Length: 135
Certificate types count: 2
Certificate types (2 types)
Certificate type: RSA Sign (1)
Certificate type: DSS Sign (2)
Distinguished Names Length: 130
Distinguished Names (130 bytes)
Distinguished Name Length: 128
Distinguished Name (128 bytes)
Handshake Protocol: Server Hello Done
Handshake Type: Server Hello Done (14)
Length: 0

Frame:

0000	00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00	..-...8...8NF
0010	02 dc 01 08 02 dc 0d 80 00 00 06 d2 30 27 06 09	0'..
0020	2a 86 48 86 f7 0d 01 09 01 16 1a 77 65 62 6d 61	*.H.....webma
0030	73 74 65 72 40 69 6e 66 72 61 64 69 6f 2e 65 6e	ster@infradio.en
0040	73 74 2e 66 72 30 81 9f 30 0d 06 09 2a 86 48 86	st.fr0..0...*.H.
0050	f7 0d 01 01 01 05 00 03 81 8d 00 30 81 89 02 81	0....
0060	81 00 cd 8a 63 4b fc 31 28 88 03 52 b2 a7 68 9d	cK.1(..R..h.
0070	bf 7f 7e 08 c3 f4 f7 96 43 b4 7f d5 b7 84 fc 7e	...~.....C.....~
0080	fc 13 b8 72 55 a7 3d d2 6a b6 46 e4 87 5c 57 41	...rU.=.j.F..\WA
0090	50 9c 0e 4c 35 26 27 dc b9 14 6a 7b 0a 90 6c f3	P..L5&'...j{...l.
00a0	74 5a bd ef 75 70 1d eb ec 82 bc 6e 4f 51 cc 34	tZ..up.....nOQ.4
00b0	c4 19 38 7a 2f f1 12 4c 98 55 c1 d8 47 dc 55 f1	..8z/..L.U..G.U.
00c0	b8 79 bd 9a 0e b9 4c 41 d7 70 e1 33 30 ee 9d 86	.y....LA.p.30...
00d0	db 00 10 36 e6 ea 86 ff 7f be 75 da 4c 8d ba 12	...6.....u.L...
00e0	0b 5d 02 03 01 00 01 a3 81 dd 30 81 da 30 1d 06	.].....0..0..
00f0	03 55 1d 0e 04 16 04 14 22 83 96 cc e9 6b ff f6	.U....."....k..
0100	5c fb 6f ed b4 2f 2d b1 e2 e4 cb b2 30 81 aa 06	\.o../-.....0...
0110	03 55 1d 23 04 81 a2 30 81 9f 80 14 22 83 96 cc	.U.#....."....
0120	e9 6b ff f6 5c fb 6f ed b4 2f 2d b1 e2 e4 cb b2	.k..\o../-.....
0130	a1 81 83 a4 81 80 30 7e 31 0b 30 09 06 03 55 04	0~1.0...U.
0140	06 13 02 46 52 31 0e 30 0c 06 03 55 04 07 13 05	...FR1.0...U....
0150	50 61 72 69 73 31 0d 30 0b 06 03 55 04 0a 13 04	Paris1.0...U....
0160	45 4e 53 54 31 0f 30 0d 06 03 55 04 0b 13 06 49	ENST1.0...U....I
0170	6e 66 52 65 73 31 14 30 12 06 03 55 04 03 13 0b	nfRes1.0...U....
0180	49 6e 66 52 61 64 69 6f 20 43 41 31 29 30 27 06	InfRadio CA1)0'.
0190	09 2a 86 48 86 f7 0d 01 09 01 16 1a 77 65 62 6d	..*.H.....webm
01a0	61 73 74 65 72 40 69 6e 66 72 61 64 69 6f 2e 65	aster@infradio.e
01b0	6e 73 74 2e 66 72 82 01 00 30 0c 06 03 55 1d 13	nst.fr...0...U..
01c0	04 05 30 03 01 01 ff 30 0d 06 09 2a 86 48 86 f7	..0....0...*.H..
01d0	0d 01 01 04 05 00 03 81 81 00 25 7d dc 58 d0 63	%}.X.c
01e0	fb d5 43 bc d2 bc c9 50 09 2e db 51 bb d9 45 40	..C....P...Q..E@
01f0	dc 71 67 b5 cc 76 12 35 1e 3d 58 00 2f 19 f4 14	.qg..v.5.=X./...
0200	9e ed bf 84 e8 2b ab 09 9a c4 45 e9 04 87 64 00	+....E...d.
0210	20 c7 79 02 fd f7 18 5e b4 6d d8 b5 89 2b 7f 0c	.y.....^..m...+..
0220	3e 2e fb a5 f5 70 00 0d b3 ce 8c ea 68 7a 8e d9	>....p.....hz...
0230	50 7d 02 6a 62 ec a7 64 4d f0 a8 f6 57 e8 7d 23	P}.j.b..dM...W.}#

0240	15	2f	a2	06	c7	54	e1	91	63	d8	2d	98	2b	db	70	e1	./...T..c.-.+p.
0250	9c	00	1e	ac	d0	a4	4e	ed	50	c0	16	03	01	00	8f	0d	N.P.....
0260	00	00	87	02	01	02	00	82	00	80	30	7e	31	0b	30	09	0~1.0.
0270	06	03	55	04	06	13	02	46	52	31	0e	30	0c	06	03	55	..U....FR1.0...U
0280	04	07	13	05	50	61	72	69	73	31	0d	30	0b	06	03	55	Paris1.0...U
0290	04	0a	13	04	45	4e	53	54	31	0f	30	0d	06	03	55	04	ENST1.0...U
02a0	0b	13	06	49	6e	66	52	65	73	31	14	30	12	06	03	55	...InfRes1.0...U
02b0	04	03	13	0b	49	6e	66	52	61	64	69	6f	20	43	41	31	InfRadio CA1
02c0	29	30	27	06	09	2a	86	48	86	f7	0d	01	09	01	16	1a	)0'...*.H.....
02d0	77	65	62	6d	61	73	74	65	72	40	69	6e	66	72	61	64	webmaster@infrad
02e0	69	6f	2e	65	6e	73	74	2e	66	72	0e	00	00	00			io.enst.fr....

Reassembled EAP-TLS:

0000	16	03	01	00	4a	02	00	00	46	03	01	40	d0	6b	6c	26	J...F...@.kl&
0010	49	c1	d2	61	47	5b	83	56	dd	17	96	e0	6c	3c	2b	82	I...aG[.V.....l<+.
0020	3b	74	13	f7	8a	5d	63	04	99	1b	ee	20	42	2e	f8	07	;t....]c.... B...
0030	57	4c	ff	a4	b5	1e	f1	57	58	ac	1e	ef	8c	8c	1f	76	WL.....WX.....v
0040	83	ac	bc	b9	9c	0e	38	84	ea	13	b4	df	00	04	00	16	8.....
0050	03	01	05	ea	0b	00	05	e6	00	05	e3	00	02	89	30	82	0.
0060	02	85	30	82	01	ee	a0	03	02	01	02	02	01	03	30	0d	..0.....0.
0070	06	09	2a	86	48	86	f7	0d	01	01	04	05	00	30	7e	31	..*.H.....0~1
0080	0b	30	09	06	03	55	04	06	13	02	46	52	31	0e	30	0c	.0...U....FR1.0.
0090	06	03	55	04	07	13	05	50	61	72	69	73	31	0d	30	0b	..U....Paris1.0.
00a0	06	03	55	04	0a	13	04	45	4e	53	54	31	0f	30	0d	06	..U....ENST1.0..
00b0	03	55	04	0b	13	06	49	6e	66	52	65	73	31	14	30	12	.U....InfRes1.0.
00c0	06	03	55	04	03	13	0b	49	6e	66	52	61	64	69	6f	20	..U....InfRadio
00d0	43	41	31	29	30	27	06	09	2a	86	48	86	f7	0d	01	09	CA1)0'...*.H.....
00e0	01	16	1a	77	65	62	6d	61	73	74	65	72	40	69	6e	66	...webmaster@inf
00f0	72	61	64	69	6f	2e	65	6e	73	74	2e	66	72	30	1e	17	radio.enst.fr0..
0100	0d	30	34	30	33	30	34	32	33	32	38	34	39	5a	17	0d	.040304232849Z..
0110	30	36	31	31	32	39	32	33	32	38	34	39	5a	30	7a	31	061129232849Z0z1
0120	0b	30	09	06	03	55	04	06	13	02	46	52	31	0d	30	0b	.0...U....FR1.0.
0130	06	03	55	04	0a	13	04	45	4e	53	54	31	0f	30	0d	06	..U....ENST1.0..
0140	03	55	04	0b	13	06	49	6e	66	52	65	73	31	20	30	1e	.U....InfRes1 0.
0150	06	03	55	04	03	13	17	72	61	64	69	75	73	2e	69	6e	..U....radius.in
0160	66	72	61	64	69	6f	2e	65	6e	73	74	2e	66	72	31	29	fradio.enst.fr1)
0170	30	27	06	09	2a	86	48	86	f7	0d	01	09	01	16	1a	77	0'...*.H.....w
0180	65	62	6d	61	73	74	65	72	40	69	6e	66	72	61	64	69	ebmaster@infradi
0190	6f	2e	65	6e	73	74	2e	66	72	30	81	9f	30	0d	06	09	o.enst.fr0..0...
01a0	2a	86	48	86	f7	0d	01	01	01	05	00	03	81	8d	00	30	*.H.....0
01b0	81	89	02	81	81	00	b5	8c	d3	6f	6e	bc	ff	90	eb	71	on....q
01c0	ea	c2	85	55	5c	cb	ea	d4	ea	8e	ca	85	7a	61	c4	bc	...U\.....za..
01d0	41	87	80	3c	58	f9	75	12	91	cb	02	c6	c7	07	3d	69	A..<X.u.....=i
01e0	4b	ee	f4	51	81	d6	53	a4	b2	b2	5a	0e	a4	6b	d2	3f	K..Q..S...Z..k.?
01f0	81	cb	f1	06	ea	31	8f	26	a1	f2	69	a7	b4	a6	63	c5	1.&..i...c.
0200	9a	3c	c2	0e	6d	4d	e0	ed	35	5f	28	d7	00	38	be	1f	.<..mM..5_(.8..
0210	cd	a2	76	89	7b	3f	40	2a	9a	50	7c	7b	73	97	2b	6f	..v.{?@*.P {s.+o
0220	12	44	07	f1	4e	d2	66	9a	d9	18	9f	ba	07	0c	56	df	.D..N.f.....V.
0230	f1	d8	19	12	d6	2d	02	03	01	00	01	a3	17	30	15	30	-.....0.0
0240	13	06	03	55	1d	25	04	0c	30	0a	06	08	2b	06	01	05	...U.%.0...+...
0250	05	07	03	01	30	0d	06	09	2a	86	48	86	f7	0d	01	01	0...*.H.....
0260	04	05	00	03	81	81	00	52	aa	e3	6e	4c	f7	c1	6b	05	R..nL..k.
0270	1c	06	2d	b7	2e	c8	8a	1a	97	93	2a	5b	cf	07	06	5c	..-.....*[...\
0280	75	0c	92	9f	00	b4	a0	1c	4a	47	2c	0d	28	48	91	dd	u.....JG,..(H..
0290	a4	66	e2	15	7a	68	d8	32	64	b0	43	ca	46	65	42	ec	.f..zh.2d.C.FeB.
02a0	34	d5	a0	71	e7	1e	83	72	a5	7b	5b	5c	5e	4e	f6	df	4..q...r.{[\^N..
02b0	ef	b0	b2	69	f9	1f	a8	d4	1c	81	82	dc	6d	4e	a6	9e	...i.....mN..
02c0	4f	27	31	2a	21	f5	fe	49	f5	0c	37	d5	48	2e	21	9a	O'1*!..I..7.H.!.
02d0	41	61	e8	aa	f7	3b	d4	0b	98	e3	78	76	a8	83	3f	89	Aa....;....xv...?
02e0	3c	11	d5	47	a9	38	6c	00	03	54	30	82	03	50	30	82	<..G.81..T0..P0.

02f0	02 b9 a0 03 02 01 02 02 01 00 30 0d 06 09 2a 86	0...*.
0300	48 86 f7 0d 01 01 04 05 00 30 7e 31 0b 30 09 06	H.....0~1.0..
0310	03 55 04 06 13 02 46 52 31 0e 30 0c 06 03 55 04	.U....FR1.0...U.
0320	07 13 05 50 61 72 69 73 31 0d 30 0b 06 03 55 04	...Paris1.0...U.
0330	0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04 0b	...ENST1.0...U..
0340	13 06 49 6e 66 52 65 73 31 14 30 12 06 03 55 04	..InfRes1.0...U.
0350	03 13 0b 49 6e 66 52 61 64 69 6f 20 43 41 31 29	...InfRadio CA1)
0360	30 27 06 09 2a 86 48 86 f7 0d 01 09 01 16 1a 77	0'...*.H.....w
0370	65 62 6d 61 73 74 65 72 40 69 6e 66 72 61 64 69	ebmaster@infradi
0380	6f 2e 65 6e 73 74 2e 66 72 30 1e 17 0d 30 34 30	o.enst.fr0...040
0390	33 30 34 32 32 32 38 32 39 5a 17 0d 30 36 31 31	304222829Z..0611
03a0	32 39 32 32 32 38 32 39 5a 30 7e 31 0b 30 09 06	29222829Z0~1.0..
03b0	03 55 04 06 13 02 46 52 31 0e 30 0c 06 03 55 04	.U....FR1.0...U.
03c0	07 13 05 50 61 72 69 73 31 0d 30 0b 06 03 55 04	...Paris1.0...U.
03d0	0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04 0b	...ENST1.0...U..
03e0	13 06 49 6e 66 52 65 73 31 14 30 12 06 03 55 04	..InfRes1.0...U.
03f0	03 13 0b 49 6e 66 52 61 64 69 6f 20 43 41 31 29	...InfRadio CA1)
0400	30 27 06 09 2a 86 48 86 f7 0d 01 09 01 16 1a 77	0'...*.H.....w
0410	65 62 6d 61 73 74 65 72 40 69 6e 66 72 61 64 69	ebmaster@infradi
0420	6f 2e 65 6e 73 74 2e 66 72 30 81 9f 30 0d 06 09	o.enst.fr0..0...
0430	2a 86 48 86 f7 0d 01 01 01 05 00 03 81 8d 00 30	*.H.....0
0440	81 89 02 81 81 00 cd 8a 63 4b fc 31 28 88 03 52	cK.1(.R
0450	b2 a7 68 9d bf 7f 7e 08 c3 f4 f7 96 43 b4 7f d5	..h....~.....C...
0460	b7 84 fc 7e fc 13 b8 72 55 a7 3d d2 6a b6 46 e4	~....rU.=.j.F.
0470	87 5c 57 41 50 9c 0e 4c 35 26 27 dc b9 14 6a 7b	.\WAP..L5&'...j{
0480	0a 90 6c f3 74 5a bd ef 75 70 1d eb ec 82 bc 6e	..l.tZ..up.....n
0490	4f 51 cc 34 c4 19 38 7a 2f f1 12 4c 98 55 c1 d8	OQ.4..8z/.L.U..
04a0	47 dc 55 f1 b8 79 bd 9a 0e b9 4c 41 d7 70 e1 33	G.U..y....LA.p.3
04b0	30 ee 9d 86 db 00 10 36 e6 ea 86 ff 7f be 75 da	0.....6.....u.
04c0	4c 8d ba 12 0b 5d 02 03 01 00 01 a3 81 dd 30 81	L....].....0.
04d0	da 30 1d 06 03 55 1d 0e 04 16 04 14 22 83 96 cc	.0...U....."...
04e0	e9 6b ff f6 5c fb 6f ed b4 2f 2d b1 e2 e4 cb b2	.k...\.o.../-.....
04f0	30 81 aa 06 03 55 1d 23 04 81 a2 30 81 9f 80 14	0....U.#...0....
0500	22 83 96 cc e9 6b ff f6 5c fb 6f ed b4 2f 2d b1	"....k...\.o.../-.
0510	e2 e4 cb b2 a1 81 83 a4 81 80 30 7e 31 0b 30 09	0~1.0.
0520	06 03 55 04 06 13 02 46 52 31 0e 30 0c 06 03 55	..U....FR1.0...U
0530	04 07 13 05 50 61 72 69 73 31 0d 30 0b 06 03 55	Paris1.0...U
0540	04 0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04	ENST1.0...U.
0550	0b 13 06 49 6e 66 52 65 73 31 14 30 12 06 03 55	...InfRes1.0...U
0560	04 03 13 0b 49 6e 66 52 61 64 69 6f 20 43 41 31	InfRadio CA1
0570	29 30 27 06 09 2a 86 48 86 f7 0d 01 09 01 16 1a	)0'...*.H.....
0580	77 65 62 6d 61 73 74 65 72 40 69 6e 66 72 61 64	webmaster@infrad
0590	69 6f 2e 65 6e 73 74 2e 66 72 82 01 00 30 0c 06	io.enst.fr...0...
05a0	03 55 1d 13 04 05 30 03 01 01 ff 30 0d 06 09 2a	.U.....0.....*
05b0	86 48 86 f7 0d 01 01 04 05 00 03 81 81 00 25 7d	.H.....%}
05c0	dc 58 d0 63 fb d5 43 bc d2 bc c9 50 09 2e db 51	.X.c...C....P...Q
05d0	bb d9 45 40 dc 71 67 b5 cc 76 12 35 1e 3d 58 00	..E@.qg..v.5.=X.
05e0	2f 19 f4 14 9e ed bf 84 e8 2b ab 09 9a c4 45 e9	/.....+....E.
05f0	04 87 64 00 20 c7 79 02 fd f7 18 5e b4 6d d8 b5	..d. .y....^..m..
0600	89 2b 7f 0c 3e 2e fb a5 f5 70 00 0d b3 ce 8c ea	..+...>....p.....
0610	68 7a 8e d9 50 7d 02 6a 62 ec a7 64 4d f0 a8 f6	hz..P}.jbb..dM...
0620	57 e8 7d 23 15 2f a2 06 c7 54 e1 91 63 d8 2d 98	W.}#./...T..c.-.
0630	2b db 70 e1 9c 00 1e ac d0 a4 4e ed 50 c0 16 03	+..p.....N.P...
0640	01 00 8f 0d 00 00 87 02 01 02 00 82 00 80 30 7e	0~
0650	31 0b 30 09 06 03 55 04 06 13 02 46 52 31 0e 30	1.0...U....FR1.0
0660	0c 06 03 55 04 07 13 05 50 61 72 69 73 31 0d 30	...U....Paris1.0
0670	0b 06 03 55 04 0a 13 04 45 4e 53 54 31 0f 30 0d	...U....ENST1.0.
0680	06 03 55 04 0b 13 06 49 6e 66 52 65 73 31 14 30	..U....InfRes1.0
0690	12 06 03 55 04 03 13 0b 49 6e 66 52 61 64 69 6f	...U....InfRadio
06a0	20 43 41 31 29 30 27 06 09 2a 86 48 86 f7 0d 01	CA1)0'...*.H....
06b0	09 01 16 1a 77 65 62 6d 61 73 74 65 72 40 69 6e	webmaster@in

```
06c0 66 72 61 64 69 6f 2e 65 6e 73 74 2e 66 72 0e 00 fradio.enst.fr..
06d0 00 00 ..
```

Frame 52 (986 bytes on wire, 986 bytes captured)

Arrival Time: Jun 16, 2004 17:46:51.249731000

Time delta from previous packet: 26.131252000 seconds

Time relative to first packet: 72.564831000 seconds

Frame Number: 52

Packet Length: 986 bytes

Capture Length: 986 bytes

Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20

Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)

Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)

Type: 802.1X Authentication (0x888e)

802.1x Authentication

Version: 1

Type: EAP Packet (0)

Length: 968

Extensible Authentication Protocol

Code: Response (2)

Id: 8

Length: 968

Type: EAP-TLS [RFC2716] [Aboba] (13)

Flags(0x80): Length

Length: 958

Secure Socket Layer

TLS Record Layer: Multiple Handshake Messages

Content Type: Handshake (22)

Version: TLS 1.0 (0x0301)

Length: 910

Handshake Protocol: Certificate

Handshake Type: Certificate (11)

Length: 638

Certificates Length: 635

Certificates (635 bytes)

Certificate Length: 632

Certificate (632 bytes)

Handshake Protocol: Client Key Exchange

Handshake Type: Client Key Exchange (16)

Length: 130

Handshake Protocol: Certificate Verify

Handshake Type: Certificate Verify (15)

Length: 130

TLS Record Layer: Change Cipher Spec

Content Type: Change Cipher Spec (20)

Version: TLS 1.0 (0x0301)

Length: 1

Change Cipher Spec Message

TLS Record Layer: Encrypted Handshake Message

Content Type: Handshake (22)

Version: TLS 1.0 (0x0301)

Length: 32

Handshake Protocol: Encrypted Handshake Message

```
0000 00 0e 38 4e 46 20 00 02 2d b5 b7 38 88 8e 01 00 ..8NF ..-..8....
0010 03 c8 02 08 03 c8 0d 80 00 00 03 be 16 03 01 03 .....
0020 8e 0b 00 02 7e 00 02 7b 00 02 78 30 82 02 74 30 ....~...{...x0..t0
0030 82 01 dd a0 03 02 01 02 02 01 14 30 0d 06 09 2a .....0...*
0040 86 48 86 f7 0d 01 01 04 05 00 30 7e 31 0b 30 09 .H.....0~1.0.
0050 06 03 55 04 06 13 02 46 52 31 0e 30 0c 06 03 55 ..U....FR1.0...U
0060 04 07 13 05 50 61 72 69 73 31 0d 30 0b 06 03 55 ....Paris1.0...U
```

0070	04 0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04	ENST1.0...U.
0080	0b 13 06 49 6e 66 52 65 73 31 14 30 12 06 03 55	...InfRes1.0...U
0090	04 03 13 0b 49 6e 66 52 61 64 69 6f 20 43 41 31	InfRadio CA1
00a0	29 30 27 06 09 2a 86 48 86 f7 0d 01 09 01 16 1a	)0'...*.H.....
00b0	77 65 62 6d 61 73 74 65 72 40 69 6e 66 72 61 64	webmaster@infrad
00c0	69 6f 2e 65 6e 73 74 2e 66 72 30 1e 17 0d 30 34	io.enst.fr0...04
00d0	30 35 30 34 31 31 35 36 33 31 5a 17 0d 30 37 30	0504115631Z..070
00e0	31 32 39 31 31 35 36 33 31 5a 30 69 31 0b 30 09	129115631Z0i1.0.
00f0	06 03 55 04 06 13 02 46 52 31 0d 30 0b 06 03 55	..U....FR1.0...U
0100	04 0a 13 04 45 4e 53 54 31 0f 30 0d 06 03 55 04	ENST1.0...U.
0110	0b 13 06 49 6e 66 52 65 73 31 15 30 13 06 03 55	...InfRes1.0...U
0120	04 03 13 0c 50 61 73 63 61 6c 20 55 72 69 65 6e	Pascal Urien
0130	31 23 30 21 06 09 2a 86 48 86 f7 0d 01 09 01 16	1#0!...*.H.....
0140	14 70 61 73 63 61 6c 2e 75 72 69 65 6e 40 65 6e	.pascal.urien@en
0150	73 74 2e 66 72 30 81 9f 30 0d 06 09 2a 86 48 86	st.fr0..0...*.H.
0160	f7 0d 01 01 01 05 00 03 81 8d 00 30 81 89 02 81	0....
0170	81 00 c0 cf 69 89 4e 62 86 dc 7e c4 93 f2 3e e4	i.Nb...~....>.
0180	03 f3 d1 67 a4 4b 28 c5 3a 30 e9 f4 c0 26 98 c0	...g.K(:.0...&..
0190	d0 56 72 9d 3e 72 51 35 fa c8 42 20 12 61 e2 ec	.Vr.>rQ5..B .a..
01a0	e4 a6 a1 81 76 15 81 bc 0e c0 cc 52 91 fa 31 41	v.....R..1A
01b0	b4 63 d5 3e 4b 52 fb eb 62 69 11 cb 41 5d c3 68	.c.>KR..bi..A].h
01c0	1a 6e 83 c2 72 0d 3b 99 93 c5 f8 2a 66 30 a2 fd	.n..r.;....*f0..
01d0	12 9d de a5 99 f8 46 8f a5 1a f5 c0 e6 03 92 1f	F.....
01e0	07 d5 da bb 2b a9 39 da a6 e0 f9 cd 9b 0c 3d 42	+.9.....=B
01f0	cd 8f 02 03 01 00 01 a3 17 30 15 30 13 06 03 55	0.0...U
0200	1d 25 04 0c 30 0a 06 08 2b 06 01 05 05 07 03 02	..%.0...+.....
0210	30 0d 06 09 2a 86 48 86 f7 0d 01 01 04 05 00 03	0...*.H.....
0220	81 81 00 27 07 4e 33 10 c7 cc d8 66 a1 08 0e 6c	...'.N3....f...l
0230	7e 6b f1 ea 42 58 ca 14 8e ca ae 55 26 bd 5a 34	~k..BX.....U&.Z4
0240	50 98 70 f9 ca 71 be 5e 4c e1 5f fe 53 61 8d f5	P.p..q.^L..Sa..
0250	1a 1e 51 71 72 32 de 7f a0 32 fd 87 6a 1f b6 ad	..Qqr2...2..j...
0260	66 2f 61 68 d1 a8 97 a6 b3 8e 10 ba aa 6b c6 25	f/ah.....k.%
0270	57 2a c5 39 d0 a5 4b 75 0d bd f2 1c 96 e5 57 ac	W*.9..Ku.....W.
0280	67 7a 41 32 11 c5 69 b8 dd 50 5d f7 29 02 4b 25	gzA2...i..P].).K%
0290	1f ac dc cb ed 14 6f c0 cc 7f 52 87 bd 61 9c bd	o...R..a..
02a0	ef c4 66 10 00 00 82 00 80 85 43 c9 f0 23 0d 6b	..f.....C..#.k
02b0	80 39 f9 e6 cd c9 e5 02 6d 5a 64 28 e0 e3 5b 67	.9.....mZd(..[g
02c0	bf 12 d8 d6 a7 80 0a 9a 5f cc 6f ec 8f 28 3f 85	_.o..(?.
02d0	7e 7e d0 45 3e 4d e3 77 c7 bb 0d 9a 56 97 21 a4	~~.E>M.w....V.!.
02e0	0b f3 04 3b 88 a6 25 0b ab 40 c0 9d fa 96 70 1e	...;...%..@....p.
02f0	54 39 37 9d 4f ce 2d b5 50 9e 6c 29 f0 03 0d 62	T97.O.-.P.l)...b
0300	b8 51 7e c6 5d 64 34 11 71 de 02 c2 17 88 ee 3f	.Q~.]d4.q.....?
0310	0d 30 0b 24 18 1e 5b 57 33 29 84 03 62 9a 2b 70	.0.\$..[W3)..b.+p
0320	e5 5f 77 42 ec 58 d9 bf fe 0f 00 00 82 00 80 87	.._wB.X.....
0330	7e c3 ca 7e fe af ee 1f 0e 0b aa e6 0c 12 21 07	~...~.....!.
0340	df 93 d8 a2 4d 28 86 43 ef 92 a7 bd 52 8a 3d 0c	M(.C....R.=.
0350	74 a1 60 38 fa 19 55 39 68 09 93 a0 df 4a b4 97	t.`8..U9h....J..
0360	6e c0 52 fc f8 b9 a4 a9 8c 7a 8d 31 62 0d f4 97	n.R.....z.1b...
0370	6a 74 d7 56 e4 03 a4 1d 5d 0c 0d 5e be df 6b 4c	jt.V....]^..kL
0380	16 07 c3 7a 64 6e c7 0b 36 60 c2 27 aa 82 37 4c	...zdn..6`.'.7L
0390	75 8b d3 46 d5 03 f1 4e e0 42 e5 60 8c 27 9f 47	u..F...N.B.`.'.G
03a0	5d 25 7a e5 e6 ac 15 d4 21 99 ba da 84 19 3b 14	]z%.....!.....;
03b0	03 01 00 01 01 16 03 01 00 20 92 96 98 27 ed 82	'....
03c0	96 8f d7 e1 28 73 aa 8f 2a d6 73 80 91 5f 19 70	(s...*.s..._p
03d0	31 9c ed b9 3e 50 91 b3 f4 ec	1....>P....

Frame 53 (71 bytes on wire, 71 bytes captured)

Arrival Time: Jun 16, 2004 17:46:51.263942000

Time delta from previous packet: 0.014211000 seconds

Time relative to first packet: 72.579042000 seconds

Frame Number: 53

```

    Packet Length: 71 bytes
    Capture Length: 71 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
    Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
    Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
    Type: 802.1X Authentication (0x888e)
802.1x Authentication
    Version: 1
    Type: EAP Packet (0)
    Length: 53
    Extensible Authentication Protocol
        Code: Request (1)
        Id: 9
        Length: 53
        Type: EAP-TLS [RFC2716] [Aboba] (13)
        Flags(0x80): Length
        Length: 43
        Secure Socket Layer
            TLS Record Layer: Change Cipher Spec
                Content Type: Change Cipher Spec (20)
                Version: TLS 1.0 (0x0301)
                Length: 1
                Change Cipher Spec Message
            TLS Record Layer: Encrypted Handshake Message
                Content Type: Handshake (22)
                Version: TLS 1.0 (0x0301)
                Length: 32
                Handshake Protocol: Encrypted Handshake Message

```

```

0000  00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00  ..-..8..8NF ....
0010  00 35 01 09 00 35 0d 80 00 00 00 2b 14 03 01 00  .5...5.....+....
0020  01 01 16 03 01 00 20 e2 6b 02 20 92 db 4b 83 9a  ..... .k. ..K..
0030  78 3c 0e 78 e0 a2 92 a2 fd e5 be 0e b1 70 e9 93  x<.x.....p..
0040  e1 98 3c 87 a1 e6 4d  ..<...M

```

```

Frame 54 (24 bytes on wire, 24 bytes captured)
    Arrival Time: Jun 16, 2004 17:46:58.489960000
    Time delta from previous packet: 7.226018000 seconds
    Time relative to first packet: 79.805060000 seconds
    Frame Number: 54
    Packet Length: 24 bytes
    Capture Length: 24 bytes
Ethernet II, Src: 00:02:2d:b5:b7:38, Dst: 00:0e:38:4e:46:20
    Destination: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
    Source: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
    Type: 802.1X Authentication (0x888e)
802.1x Authentication
    Version: 1
    Type: EAP Packet (0)
    Length: 6
    Extensible Authentication Protocol
        Code: Response (2)
        Id: 9
        Length: 6
        Type: EAP-TLS [RFC2716] [Aboba] (13)
        Flags(0x0):

```

```

0000  00 0e 38 4e 46 20 00 02 2d b5 b7 38 88 8e 01 00  ..8NF ..-..8....
0010  00 06 02 09 00 06 0d 00  .....

```

```

Frame 55 (60 bytes on wire, 60 bytes captured)

```

Arrival Time: Jun 16, 2004 17:46:58.495240000
Time delta from previous packet: 0.005280000 seconds
Time relative to first packet: 79.810340000 seconds
Frame Number: 55
Packet Length: 60 bytes
Capture Length: 60 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
Type: 802.1X Authentication (0x888e)
Trailer: 00000000000000000000000000000000...

802.1x Authentication
Version: 1
Type: EAP Packet (0)
Length: 4
Extensible Authentication Protocol
Code: Success (3)
Id: 9
Length: 4

0000	00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 00	..-...8...8NF
0010	00 04 03 09 00 04 00 00 00 00 00 00 00 00 00 00	
0020	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
0030	00 00 00 00 00 00 00 00 00 00 00 00 00 00	

Frame 56 (75 bytes on wire, 75 bytes captured)
Arrival Time: Jun 16, 2004 17:46:58.495704000
Time delta from previous packet: 0.000464000 seconds
Time relative to first packet: 79.810804000 seconds
Frame Number: 56
Packet Length: 75 bytes
Capture Length: 75 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
Type: 802.1X Authentication (0x888e)

802.1x Authentication
Version: 1
Type: Key (3)
Length: 57
Descriptor Type: RC4 Descriptor (1)
Key Length: 13
Replay Counter: 48027933606855
Key IV: 0C7743EC32B92FCB69352552F07AE7D3
Key Index: broadcast, index 1
0... = Key Type: Broadcast
.000 0001 = Index Number: 1
Key Signature: 1F40F917F479898DC2784D7164414F11
Key: D4E50A6E665AD3E8C98856D4E2

0000	00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 03	..-...8...8NF
0010	00 39 01 00 0d 00 00 2b ae 5f ec 03 c7 0c 77 43	.9.....+._.....wC
0020	ec 32 b9 2f cb 69 35 25 52 f0 7a e7 d3 01 1f 40	.2./.i5%R.z.....@
0030	f9 17 f4 79 89 8d c2 78 4d 71 64 41 4f 11 d4 e5	...y...xMqdAO...
0040	0a 6e 66 5a d3 e8 c9 88 56 d4 e2	.nfZ....V..

Frame 57 (62 bytes on wire, 62 bytes captured)
Arrival Time: Jun 16, 2004 17:46:58.496274000
Time delta from previous packet: 0.000570000 seconds
Time relative to first packet: 79.811374000 seconds
Frame Number: 57

```

    Packet Length: 62 bytes
    Capture Length: 62 bytes
Ethernet II, Src: 00:0e:38:4e:46:20, Dst: 00:02:2d:b5:b7:38
    Destination: 00:02:2d:b5:b7:38 (Agere_b5:b7:38)
    Source: 00:0e:38:4e:46:20 (00:0e:38:4e:46:20)
    Type: 802.1X Authentication (0x888e)
802.1x Authentication
    Version: 1
    Type: Key (3)
    Length: 44
    Descriptor Type: RC4 Descriptor (1)
    Key Length: 13
    Replay Counter: 48027933606856
    Key IV: 2916A1D8F9647FF418DBBB639F0A0016
    Key Index: unicast, index 3
    1... .. = Key Type: Unicast
    .000 0011 = Index Number: 3
    Key Signature: D0BBD873AEE2A1F7AEC3822CB7E86D02
[Malformed Packet: EAPOL]

```

0000	00 02 2d b5 b7 38 00 0e 38 4e 46 20 88 8e 01 03	..-...8...8NF
0010	00 2c 01 00 0d 00 00 2b ae 5f ec 03 c8 29 16 a1	.,.....+._...) ..
0020	d8 f9 64 7f f4 18 db bb 63 9f 0a 00 16 83 d0 bb	..d.....c.....
0030	d8 73 ae e2 a1 f7 ae c3 82 2c b7 e8 6d 02	.s.....,...m.