

已知:

A:[40,B6,3B,43,60,B6,E1,00] --> "2013-03-24", "23:15:18",

B:[00,3E,BE,41,60,B6,E1,00] --> "2013-03-24", "23:14:37",

C:[40,84,E6,A1,A3,73,E1,00] --> "2010-11-26", "08:32:23",

D:[40,5F,47,7F,AB,70,E1,00] --> 2010-10-19 21:38:12

选取:

//===== 计算 C-D =====//

[40,84,E6,A1,A3,73,E1,00] => 0x00e173a3a1e68440 = C => 63459016393000000

[40,5F,47,7F,AB,70,E1,00] => 0x00e170ab7f475f40 = D => 63455751637000000

C-D = 63459016393000000 - 63455751637000000 = 3,264,756,000,000

c:2010-11-26 08:32:23 => 1290731543000

d:2010-10-19 21:38:12 => 1287495492000

c-d=1290731543000 - 1287495492000 = 3,236,051,000

k=1,000

//===== 计算 A - C =====//

[40,B6,3B,43,60,B6,E1,00] => 0x00e1b660433bb640 = A => 63532394321000000

[40,84,E6,A1,A3,73,E1,00] => 0x00e173a3a1e68440 = C => 63459016393000000

A-C = 73,377,928,000,000

A-C=0x000042BCA1553200 ==> 73377928000000

a-c=1364138118000 - 1290731543000 = 73,406,575,000

k= 1,000

//===计算 n=====//

n=A-(ak)= 63,532,394,321,000,000 - 1,364,138,118,000\*1000=62,168,256,203,000,000

$n=B-(bk)=63532394296000000-1364138077000*1000=62,168,256,219,000,000$   
 $n=C-(ck)=63459016393000000-1290731543000*1000=62,168,284,850,000,000$   
 $n=D-(dk)=63455751637000000-1287495492000*1000=62,168,256,145,000,000$

$n=62,168,256,000,000,000$  (精算优化后)

$n=62,168,266,000,000,000$  (普选)可精确到日期,小时范围上误差较大。

//=====可计算 1970-01-01 08:00:00 时的 [XX,XX,XX,XX] =====//

[40,B6,3B,43,60,B6,E1,00] => 0xb660433bb640 = A => 200524561102400

a=1364138118000  
0=00000000000000

O=ok+  $n=62,168,266,000,000,000$  => ????????????

//===== 破解方式 =====//

如有: [40,5F,47,7F,AB,70,E1,00]

X: 0x00e170ab7f475f40 => 63455751637000000

$X-n=xk$   
 $63,455,751,637,000,000-62,168,266,000,000,000=1,287,485,637,000,000$

k 时间戳 =  $xk/x$

1,287,485,637 (时间戳) ==> 2010-10-19 18:53:57 计算值) 2010-10-19 21:38:12 (原始值)

//===== 验算 =====/  
[00,3E,BE,41,60,B6,E1,00]

0x00e1b66041be3e00 ==> 63532394296000000

1,364,138,108, (时间戳) ==> 2013-03-24 23:15:08 (计算值) 2013-03-24 23:14:37, (原始值)

//===计算 n=====//

$ni=A-(ak)=63,532,394,321,000,000-1,364,138,118,000*1000=62,168,256,203,000,000$

$nj=A-(ak)=63,532,394,321,000,000-1,364,138,119,000*1000=62,168,256,202,000,000$

//=====验算=====//

Bn= 63532394296000000 "2013-03-24", "23:14:37",

Bni =1,364,138,093,000,000 ----- 2013-03-24 23:14:53

Bnj =1,364,138,094,000,000 ----- 2013-03-24 23:14:54

Cn= 63459016393000000

Dn= 63455751637000000

样本:

```
{
  a: [0x80, 0x44, 0x52, 0x43, 0x94, 0x52, 0xE1, 0x00],
  t: "2008/10/01 23:19:04",
},
{
  a: [0x80, 0x1F, 0x18, 0x12, 0xAE, 0x50, 0xE1, 0x00],
  t: "2009/09/07 19:19:02",
},
{
  a: [0xC0, 0x73, 0x33, 0x67, 0xDC, 0x59, 0xE1, 0x00],
  t: "2010/01/02 15:21:00",
},
{
  a: [0x40, 0x5F, 0x47, 0x7F, 0xAB, 0x70, 0xE1, 0x00],
  t: "2010/10/19 21:38:12",
},
{
  a: [0x40, 0x93, 0x21, 0xEF, 0x05, 0x70, 0xE1, 0x00],
  t: "2010/10/11 16:06:54",
},
{
  a: [0x40, 0x84, 0xE6, 0xA1, 0xA3, 0x73, 0xE1, 0x00],
  t: "2010/11/26 08:32:23",
},
{
  a: [0x00, 0x1E, 0x95, 0x21, 0xC0, 0x79, 0xE1, 0x00],
  t: "2011/02/12 11:04:00",
},
{
  a: [0xC0, 0x1D, 0xA7, 0x7D, 0xB7, 0x81, 0xE1, 0x00],
  t: "2011/05/24 20:07:00",
},
{
  a: [0xC0, 0x67, 0xA9, 0x5C, 0x53, 0xA6, 0xE1, 0x00],
  t: "2012/09/01 17:10:41",
},
{
  a: [0x40, 0xB6, 0x3B, 0x43, 0x60, 0xB6, 0xE1, 0x00],
  t: "2013/03/24 23:15:18",
},
{
```

```
    a: [0x00, 0x3E, 0xBE, 0x41, 0x60, 0xB6, 0xE1, 0x00],  
    t: "2013/03/24 23:14:37",  
  },  
  {  
    a: [0x00, 0x3B, 0x35, 0x99, 0xDD, 0xC7, 0xE1, 0x00],  
    t: "2013/11/02 12:58:22",  
  },
```