### Commands History

#access-list 199 permit icmp host 10.10.10.10 host 20.20.20.20 #no access-list 199 #parameter-map type subscriber attribute-to-service BUILTIN DEVICE TO TEMPLATE #10 map device-type regex "Cisco-IP-Phone" #20 interface-template IP\_PHONE\_INTERFACE\_TEMPLATE #20 map device-type regex "Cisco-IP-Camera" #20 interface-template IP\_CAMERA\_INTERFACE\_TEMPLATE #30 map device-type regex "Cisco-DMP" #20 interface-template DMP\_INTERFACE\_TEMPLATE #40 map oui eq 00.0f.44 #50 map oui eq 00.23.ac #60 map device-type regex "Cisco-AIR-AP" #20 interface-template AP INTERFACE TEMPLATE #70 map device-type regex "Cisco-AIR-LAP" #20 interface-template LAP\_INTERFACE\_TEMPLATE #80 map device-type regex "Cisco-TelePresence" #20 interface-template TP\_INTERFACE\_TEMPLATE #90 map device-type regex "Surveillance-Camera" #10 interface-template MSP\_CAMERA\_INTERFACE\_TEMPLATE #100 map device-type regex "Video-Conference" #10 interface-template MSP VC INTERFACE TEMPLATE #policy-map type control subscriber BUILTIN\_AUTOCONF\_POLICY #event identity-update match-all #10 class always do-until-failure #10 map attribute-to-service table BUILTIN\_DEVICE\_TO\_TEMPLATE #ip access-list extended preauth\_ipv4\_acl #permit udp any any eq 53 #permit tcp any any eq 53 #permit udp any eq bootps any #permit udp any any eq bootpc #permit udp any eq bootpc any #deny ip any any #end #ipv6 access-list preauth\_ipv6\_acl #permit icmp any any nd-ns #permit icmp any any nd-na #permit icmp any any router-solicitation

#permit icmp any any redirect

#permit udp any eq 547 any eq 546

#permit icmp any any router-advertisement

#permit udp any eq 546 any eq 547

#en

#test crast

#test crash

#### **Start of Crashinfo Collection**

#### For image:

Cisco IOS Software, vios\_I2 Software (vios\_I2-ADVENTERPRISEK9-M), Experimental Version 15.2(20170321:233949) [mmen Copyright (c) 1986-2017 by Cisco Systems, Inc.

### **Show Alignment**

#### **Malloc and Free Traces**

MallocFree Trace: ixmallocfree=0x29 ptr=0x6CCE5C8 6CCE480: 141C4EA8 36D3D2E 141C4A70 50000208 141C5020 60000058 163D3628 36D3D2E 6CCE4A0: 163D3798 60000048 141C6860 36D3D2E 141C69D8 600017CC 141C66E0 36D3D2E 6CCE4C0: 141C5928 500006C8 141C6860 60001888 14AEC420 36D3D2E 14AEC598 6000001C 6CCE4E0: 14AEC2A8 36D3D2E 14AEC130 500000A8 14AEC420 600000D8 16DA5420 36D3D2E 6CCE500; 16DA5600 60000058 18BFA3D8 36D3D2E 141C50F8 36D3D2E 141C4A70 50000330 6CCE520: 141C5928 60002024 19CFA3B8 36D3D2E 1974C920 36D3D2E 1974CCF0 60000080 6CCE540: 18CD0B18 36D3D2E 18BFA3D8 20000030 18BFA3D8 2F172E1 18BFA3D8 2F17974 6CCE560; 18BFA3D8 20000030 18BFA3D8 2F172E1 18BFA3D8 2F17974 18BFA3D8 20000030 6CCE580: 18BFA3D8 3D8F4A6 15E91950 20000038 15E91950 3D8F516 15E91950 3D8F66E 6CCE5A0: 15E91998 60000014 18BFA3D8 3D8F677 18BFA3D8 20000030 18BFA3D8 2F172E1 6CCE5C0: 18BFA3D8 2F17974 143E6AE0 1DDB19E 16DA5420 36D3D2E 16DA55D8 6000006C 6CCE5E0: 16DA5420 20000148 16DA5420 3DB86D3 14AEC2A8 20000194 14AEC2A8 3DB86D3 6CCE600: 14AEC420 200000D8 14AEC420 3DB86D3 141C66E0 20001948 141C66E0 3DB86D3 6CCE620: 141C6860 20001888 141C6860 3DB86D3 141C6220 36D3D2E 141C4A70 36D3D2E 6CCE640: 141C5D60 36D3D2E 141C6220 6000024C 141C5928 36D3D2E 141C5D60 600004AC 6CCE660: 19CF8D78 36D3D2E 14AEC130 36D3D2E 1A0DA7D0 36D3D2E 15E91950 36D3D2E ChunkMallocFree Trace: ixchunkmallocfree=0x3D ptr=0x6CD5BFC 6CD5920: 349FE82 11D1AE3 1686C1C4 349FE82 11CC59D 1686C3A4 349FE82 11CD403 6CD5940: 1686C1C4 349FE82 11CC881 1686C3A4 349FE82 12084B4 19E44CD4 3471A1E 6CD5960: 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 6CD5980: 349FE82 342CCAD 1975DA80 349FE82 12084B4 19E44CD4 3471A1E 3472619 6CD59A0: 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 349FE82 6CD59C0: 342CCAD 1975D540 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 6CD59E0: 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 349FE82 12084B4 6CD5A00: 19E44CD4 3471A1E 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 6CD5A20: 120FB7A 19E44CD4 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 6CD5A40: 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 349FE82 12084B4 6CD5A60: 19E44CD4 3471A1E 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 6CD5A80: 120FB7A 19E44CD4 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 6CD5AA0: 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 FCC854 FC77DF 6CD5AC0: 15FE5FD4 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 3471A1E 6CD5AE0: 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 349FE82 12084B4 19E44CD4 6CD5B00: 3471A1E 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 6CD5B20: 19E44CD4 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 3471A1E 6CD5B40: 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 349FE82 12084B4 19E44CD4 6CD5B60: 3471A1E 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 6CD5B80: 19E44CD4 349FE82 12084B4 19E44CD4 3471A1E 3472619 141BAA0C 3471A1E 6CD5BA0: 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 3471A1E 3472619 141BAA0C 6CD5BC0: 3471A1E 3471E27 141BAA0C 349FE82 12084B4 19E44CD4 3471A1E 3472619 6CD5BE0: 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 3471A1E 6CD5C00: 3472619 141BAA0C 3471A1E 3471E27 141BAA0C 349FE82 120FB7A 19E44CD4 =======PID to process name mapping===========

PID Process Which Block

0 Unknown Corrupted block

0 Unknown Corrupted block's next block

#### **Stack Trace**

-Traceback= 8E18E9 88270C 34A9F5D 34AE380 34AD75C

#### Context

vios\_I2 Software (vios\_I2-ADVENTERPRISEK9-M), Experimental Version 15.2(20170321:233949) [mmen 101] Compiled Wed 22-Mar-17 08:38 by mmen Signal = 23 Vector = 0x4 Uptime = 00:01:48 EAX = 0x00000000 ECX = 0x0001A614 EDX = 0x141CADF0 EBX = 0x00000000 ESP = 0x141F5614 EBP = 0x141F562C ESI = 0x2050D006 EDI = 0x6015E204 EIP = 0x008E18E9 EFLAGS = 0x000000246 CS = 0x000000008 SS = 0x000000010 DS = 0x000000010 FS = 0x000000010 GS = 0x000000010 Signal = 23 Vector = 0x4

### Stack Dump

```
Stack Frame Pointer in Context is 0x141F5614, at process level
141F5214: 196B0177 58BC2C0
                           43 68FB2B14
                                              0 4C521F14 29054803
141F5234: 16775DDC 66253B8 F8521F14 E8186617
                                            0
                                                 0 BC521F14 F8D4DD01
141F5254: 16775DD8
                    0 F8521F14 1DDCD0A
                                                   0 F8521F14
                                          0
                                              2
141F5274: F8521F14
                    0 BC521F14 A814B03
                                         0 6C908D05 F8521F14 F8521F14
141F5294: F8521F14 F8521F14 F8521F14 1DDCD0A F8521F14 66253B8 F8521F14
          1 0 EC521F14 ACDDD01 66253B8
                                             0 F8521F14 142C0030
141F52B4:
1 7C551F14 D3A3DD01
                   0 1A47B 19EDC A2A4F63 74203137 2030383A 33393A34
141F52F4: 544F424
141F5314: 312E3034 363A2025 5359532D 332D4C4F 47474552 5F464C55 5348494E 473A2053
141F5334: 79737465 6D207061 7573696E 6720746F 20656E73 75726520 636F6E73 6F6C6520
141F5354: 64656275 6767696E 67206F75 74707574 2E0A0078 19FC0C08 9C531F14 E5149000
141F5394: F8030000 19ED2 AC531F14 1B219000 382D8406
                                                    0 D9C5E 97020000
141F53B4: 5585CE51 F8030000 CC531F14 1B219000 FEFFFFF 55D98F00 8000000 97020000
141F53D4: 56723F4D F8030000 0 6B3E7356 57050000 E8030000
141F53F4:
           6 1A475 1C541F14 52B68D00
                                       0
                                           3E8 ED0B0000 911B14
141F5414: 141BAA0C
                    0 CAA1B14 CAA1B14
                                          0 4000000 4C541F14 C3B6E003
141F5434: 141BAA0C
                        10 3A000000 6
                                           0 9C541F14 C5144B03
141F5454: 141BAA0C
                  10 2020000 23A58700
                                       202 A000000 8C541F14 8CAA8D00
141F5474:
           0 29000000 8C541F14 3DD04703 D9C6B 141BAA0C BC541F14 9A539000
141F5494: 6000000
                   0 EC541F14 FC1C4B03 542D8406 1A47B D9C6B
                                                                0
141F54B4: 6000000 141A8870 EC541F14 E5149000
                                           FF
                                                 0
                                                      0 911B14
141F54D4: 382D8406
                   0 D9C6B 97020000 141857D8 141A88B0 2C551F14 1C7D4B03
141F54F4: 1C2D8406 142C0030
                            0 30002C14
                                         0 EC48A006 4C551F14 A814B03
           0 14189558 58951814 30002C14 141F5504 544F3E4
141F5514:
                                                        FF 51DE7F00
141F5534: 1C2D8406
                    0 B0881A14 908A4B03 908A4B03
                                                  0 7C551F14 58B4B03
           0 14189558 1000000
141F5554:
                                0
                                    0
                                         0 142C0030
                                                      0
141F5574: 30002C14 1DDA01A 9C551F14 ED9DDD01 141A88B0
                                                      0
                                                           10 F49FDD01
141F5594: 142C0030
                    6 EC551F14 8AA2DD01 141A8870 FFFFFFF 141F55C4 9EB1DD01
141F55B4: 143E6AE0 6E000000 EC551F14 9384203
                                            0 44908D05
                                                          0 FC551F14
                                  E9 FFFFFFE C561F14 29054803
141F55D4:
                3
                     0 6D4ABE4
141F55F4: 141CADF0 44DD29C C561F14 2B018700 D09E1C14 E9188E00 72041100 4000000
141F5614: 141CADEC
                     0 4E21560 6D05020 4E21560
                                                0 4C561F14 C278800
141F5634:
           0
                0 6D05020 6D05020 78E5CC06 2050D006 9C561F14 5D9F4A03
```

```
0 6D05020 DEADBEEF 176E7298 4A01264 DDDA4A03 9C561F14 8F574903
141F5654:
141F5674: 4E21560
                    1 E4E32F
                                 0
                                      0 6015E204 7A3C3000 6D05020
141F5694: 2050D006 4E21560 FC561F14 80E34A03
                                               2
                                                    1 176E7298 2C424703
141F56B4: 4B82B78 4E22F50 642FE204 4E22720
                                              1 1000000 6624C68 6CD5894
141F56D4: 49F851C
                     0 19878 303C7B 6015E204 141F56D8 4E21560 2000000
141F56F4: 4E21560
                    2 2C571F14 5CD74A03
                                           2 41624C03 2C571F14 C3424703
141F5714: 141F5778 9458CD06 6CD5894 6CD5894 141F5778 6CD5894 8C571F14 17D64A03
141F5734: 6CD5894 FFFFFFF FFFFFFF FFFFFFF 6CD5894 49F84E8 43C4954 49F8500
141F5754: 6624ED8
                    0 19860 141F5758 141F5778 6CCD9E0 6CD31F0 6CCE260
141F5774: 6CD0424
                     0 19860
                                     0 20000
                                0
                                                  0 30524C03
141F5794:
            0
                 0 FD0110DF AB1234CD 40000
                                                4 43B6C5C 34C4768
                                      1 87F54E 141F28B8 E0401E14
141F57B4: 141F5A50 141F28A4 80000144
                                                                     0
141F57D4:
                 0
                      0
                           0
                                0
                                     0
                                          0
                                               0
            0
141F57F4:
            0 34AD4D0
                          0 10000
                                      1
                                           0
                                                0
                                                     0
                             0
                                       0 68337E0
141F5814: 40000
                   0
                        4
                                  0
                                                    0
141F5834:
            0
                 0
                      0 9158
                                9568
                                      3F88
                                            4FC8
141F5854:
            0
                      0
                           0 19860
                                       0
                                            0
                                                 0
141F5874: 19860
                   0 19864
                              15
                                    0
                                        374 19E368C0
                                                         В
141F5894:
            4 49F8528
                         5
                             36D
                                    0
                                         0
                                              0
                                                   14
141F58B4:
                2EE0
                      2EE0 14189430
                                        0
                                             0
            1
                                                       0
141F58D4:
            0 15439B98
                          0 141F57C8 68338E4 6833B7C
                                                         0
                                                              0
141F58F4: 6833AF8 6833B7C
                             0
                                  0
                                       0
                                            0
                                               420E
                                                        0
                 0 141F58EC 6833B7C
141F5914:
            0
                                             0
                                                  0
                                                       0
                                        0
                                     0 141F58EC 6833B7C 141F57C8
141F5934:
          4294
                  0 141F57C8
                                0
141F5954:
            0
                      0 142D2
                                  0
                                       0
                                            0 141F58EC
                 0
141F5974: 6833B7C 141F57C8
                             0
                                  0
                                       0 242D2
                                                         0
141F5994:
                      0
                           0
                                0 141F5A78 1418C674
            0
                 0
                                                       0
141F59B4:
                 0
                      0
                           0 FFFFFF FFFFFF
            0
                                                       0
141F59D4:
                 0
                           0
            0
                      0
                                0
                                     0
                                          0
141F59F4:
            0
                 0
                      0 141F5B60
                                    0
                                         0 FFFFCC5
```

#### **Process Level Info**

```
---- Current Process Block (at 0x141F57C8) ----
141F57A0: AB1234CD 40000
                              4 43B6C5C 34C4768 141F5A50 141F28A4 80000144
             1 87F54E 141F28B8 E0401E14
141F57C0:
                                            0
                                                  0
                                                       0
                                 0
141F57E0:
             0
                  0
                       0
                            0
                                       0 34AD4D0
                                                     0
141F5800: 10000
                    1
                         0
                              0
                                   0 40000
                                                0
                                                     4
141F5820:
            0
                  0
                       0 68337E0
                                     0
                                          0
                                               0
                                                    0
141F5840: 9158
                  9568
                        3F88 4FC8
                                        0
                                             0
141F5860:
            0 19860
                         0
                              0
                                   0
                                     19860
                                                0
                                                  19864
141F5880:
            15
                  0
                      374 19E368C0
                                       В
                                            4 49F8528
141F58A0:
                                        1
                                            2EE0
                                                   2EE0
            36D
                   0
                        0
                              0
                                  14
                                          0 15439B98
141F58C0: 14189430
                      0
                           0
                                0
                                     0
141F58E0: 141F57C8 68338E4 6833B7C
                                            0 6833AF8 6833B7C
                                       0
                                                                   0
                                             0 141F58EC
141F5900:
            0
                  0
                       0 420E
                                        0
                                   0
141F5920: 6833B7C
                                        4294
                                                 0 141F57C8
                     0
                          0
                                0
                                     0
                  0 141F58EC 6833B7C 141F57C8
141F5940:
            0
                                                  0
                                                       0
                              0 141F58EC 6833B7C 141F57C8
141F5960:
         142D2
                    0
                         0
                  0 242D2
141F5980:
            0
                              0
                                   0
                                         0
                                              0
141F59A0:
             0
                  0 141F5A78 1418C674
                                         0
                                              0
                                                         0
141F59C0:
             0 FFFFFF FFFFFF
                                    0
                                                         0
141F59E0:
                  0
                       0
                            0
                                 0
                                      0
```

```
141F5A00: 141F5B60
                           0 FFFFCC5
                      0
                                          0
                                               0
                                                    0 141F1F28
141F5A20:
             0
                  0
                      34C
                              0
                                   0
                                        0
                                             0
141F5A40:
             0 BEEFCAFE
---- Partial decode of process block ----
Pid 4: Process "Check heaps" stack 0x141F28B8 savedsp 0x141E40E0
Flags: analyze prefers new
Status 0x00000000 Orig_ra 0x00000000 Routine 0x034AD4D0 Signal 0
Caller_pc 0x00000000 Callee_pc 0x00000000 Dbg_events 0x00000000 State 0
                 Totfree 38248
Totmalloc 37208
                                Totgetbuf 0
Totretbuf 0
                             Eparm 0x0
              Edisms
                      0x0
Elapsed 0x15
                Ncalls 0xB
                              Naiveups 0x4
              Ticks 5s 877
Priority q 5
                              Cpu 5sec 0
                                             Cpu 1min 20
Cpu 5min 1
                Stacksize 0x2EE0
                                 Lowstack 0x2EE0
      0x14189430 Mem holding 0x3F88
                                      Thrash count 0
                 0x0FFFFFF Default_wakeup_reasons 0x0FFFFFF
Wakeup reasons
Direct wakeup major 0x00000000 Direct wakeup minor 0x00000000
Preempted processes context:
---- Current Process Stack (0xCEC bytes used, out of 0x2EE0 available) ----
Current SP = 0x141F5614, saved SP = 0x141E40E0
141F5398: 19ED2 AC531F14 1B219000 382D8406
                                                0 D9C5E 97020000 5585CE51
141F53B8: F8030000 CC531F14 1B219000 FEFFFFFF 55D98F00 8000000 97020000 56723F4D
141F53D8: F8030000
                      0 6B3E7356 57050000 E8030000
                                                      0 141F5444
141F53F8: 1A475 1C541F14 52B68D00
                                           3E8 ED0B0000 911B14 141BAA0C
                                      0
                                    0 4000000 4C541F14 C3B6E003 141BAA0C
141F5418:
            0 CAA1B14 CAA1B14
141F5438:
                 10 3A000000
                                6
                                      0 9C541F14 C5144B03 141BAA0C
141F5458:
            10 2020000 23A58700
                                  202 A000000 8C541F14 8CAA8D00
                                                                     0
141F5478: 29000000 8C541F14 3DD04703 D9C6B 141BAA0C BC541F14 9A539000 6000000
            0 EC541F14 FC1C4B03 542D8406
141F5498:
                                           1A47B D9C6B
                                                              0 6000000
141F54B8: 141A8870 EC541F14 E5149000
                                        FF
                                              0
                                                   0 911B14 382D8406
141F54D8:
             0 D9C6B 97020000 141857D8 141A88B0 2C551F14 1C7D4B03 1C2D8406
                                    0 EC48A006 4C551F14 A814B03
141F54F8: 142C0030
                      0 30002C14
141F5518: 14189558 58951814 30002C14 141F5504 544F3E4
                                                        FF 51DE7F00 1C2D8406
             0 B0881A14 908A4B03 908A4B03
                                             0 7C551F14 58B4B03
141F5558: 14189558 1000000
                              0
                                   0
                                        0 142C0030
                                                      0 30002C14
141F5578: 1DDA01A 9C551F14 ED9DDD01 141A88B0
                                                  0
                                                       10 F49FDD01 142C0030
             6 EC551F14 8AA2DD01 141A8870 FFFFFFE 141F55C4 9EB1DD01 143E6AE0
141F55B8: 6E000000 EC551F14 9384203
                                       0 44908D05
                                                      0 FC551F14
141F55D8:
             3
                  0 6D4ABE4
                                E9 FFFFFFE C561F14 29054803 141CADF0
141F55F8: 44DD29C C561F14 2B018700 D09E1C14 E9188E00 72041100 4000000 141CADEC
141F5618:
            0 4E21560 6D05020 4E21560
                                           0 4C561F14 C278800
                                                                  0
141F5638:
            0 6D05020 6D05020 78E5CC06 2050D006 9C561F14 5D9F4A03
141F5658: 6D05020 DEADBEEF 176E7298 4A01264 DDDA4A03 9C561F14 8F574903 4E21560
141F5678:
             1 E4E32F
                          0
                               0 6015E204 7A3C3000 6D05020 2050D006
141F5698: 4E21560 FC561F14 80E34A03
                                       2
                                             1 176E7298 2C424703 4B82B78
141F56B8: 4E22F50 642FE204 4E22720
                                       1 1000000 6624C68 6CD5894 49F851C
141F56D8:
             0 19878 303C7B 6015E204 141F56D8 4E21560 2000000 4E21560
             2 2C571F14 5CD74A03
                                    2 41624C03 2C571F14 C3424703 141F5778
141F56F8:
141F5718: 9458CD06 6CD5894 6CD5894 141F5778 6CD5894 8C571F14 17D64A03 6CD5894
141F5738: FFFFFFF FFFFFFF FFFFFFF 6CD5894 49F84E8 43C4954 49F8500 6624ED8
            0 19860 141F5758 141F5778 6CCD9E0 6CD31F0 6CCE260 6CD0424
141F5758:
```

141F5778:

19860

0

0 20000

0 30524C03

## **Interrupt Level Stack Dump**

### **Interrupt Stack**

## **Register Memory Dump**

Reg00(EAX): 0 [Not RAM Addr] Reg01(EBX): 0 [Not RAM Addr] Reg02(ECX): 1A614 [Not RAM Addr] Reg03(EDX): 141CADF0 [In malloc Block 0x141CA778] [Last malloc Block 0x141CA170] Reg04(ESP): 141F5614 Reg05(EBP): 141F562C Reg06(ESI): 2050D006 Reg07(EDI): 6015E204 [Not RAM Addr] Reg08(EIP): 8E18E9 Reg09(EFL): 246 [Not RAM Addr] 8 [Not RAM Addr] Reg10(CS): Reg11(SS): 10 [Not RAM Addr] Reg12(DS): 10 [Not RAM Addr] Reg13(ES): 10 [Not RAM Addr] 10 [Not RAM Addr] Reg14(FS): 10 [Not RAM Addr] Reg15(GS): buffer check=0 sched\_hc=0x0 new\_block\_limit=9 mblocklist[45 (7+38) of 45] ---- block0 ptr=141F55B4 is malloc=0 length=0x260 -------- 2 interesting addresses for block: 141F5614 141F562C 141F5574: 30002C14 1DDA01A 9C551F14 ED9DDD01 141A88B0 0 10 F49FDD01 141F5594: 142C0030 6 EC551F14 8AA2DD01 141A8870 FFFFFFE 141F55C4 9EB1DD01 141F55B4: 143E6AE0 6E000000 EC551F14 9384203 0 44908D05 0 FC551F14 0 6D4ABE4 E9 FFFFFFE C561F14 29054803 141F55D4: 0 3 141F55F4: 141CADF0 44DD29C C561F14 2B018700 D09E1C14 E9188E00 72041100 4000000 141F5614: 141CADEC 0 4E21560 6D05020 4E21560 0 4C561F14 C278800 0 6D05020 6D05020 78E5CC06 2050D006 9C561F14 5D9F4A03 141F5634: 0 141F5654: 0 6D05020 DEADBEEF 176E7298 4A01264 DDDA4A03 9C561F14 8F574903 141F5674: 4E21560 0 6015E204 7A3C3000 6D05020 1 E4E32F 0 141F5694: 2050D006 4E21560 FC561F14 80E34A03 1 176E7298 2C424703 2 141F56B4: 4B82B78 4E22F50 642FE204 4E22720 1 1000000 6624C68 6CD5894 141F56D4: 49F851C 0 19878 303C7B 6015E204 141F56D8 4E21560 2000000 141F56F4: 4E21560 2 2C571F14 5CD74A03 2 41624C03 2C571F14 C3424703 141F5714: 141F5778 9458CD06 6CD5894 6CD5894 141F5778 6CD5894 8C571F14 17D64A03 141F5734: 6CD5894 FFFFFFF FFFFFFF FFFFFFF 6CD5894 49F84E8 43C4954 49F8500 141F5754: 6624ED8 0 19860 141F5758 141F5778 6CCD9E0 6CD31F0 6CCE260

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141F5794:
            0
                 0 FD0110DF AB1234CD 40000
                                                4 43B6C5C 34C4768
141F57B4: 141F5A50 141F28A4 80000144
                                       1 87F54E 141F28B8 E0401E14
                                                                      0
141F57D4:
            0
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141F57F4:
            0 34AD4D0
                          0 10000
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---- block1 ptr=6D04620 is malloc=1 length=0x1E00 ----
---- 1 interesting address for block: 6D05034
6D045E0: 35426B0 354F140 3542580 3548C20 3542670 3542C80 3548B80 3552480
6D04600: 354FA10 354ED10 3541670 3483E50 354F950 3540F90 3540FD0 354F910
6D04620: 3541010 354F8A0 3483E50 35502A0 35502D0 354D460 3538CC0 354D3F0
6D04640: 3542CF0 3542CA0 3545410 3545470 355B4C0 355B4A0 355B470 36CCD00
6D04660: 36CE120 36CC850 36C9D80 36CAC80 36CA8C0 3541C70 3553780 35537B0
6D04680: 3483E60 3550350
                            0 141CAD14 37CCFC0 37CBB50 3483E50 3483E50
6D046A0: 1D2EA70 1D2EA90 1D098F0 1D13CD0 1D136E0 1D13860 3EAFFC0 3483E50
6D046C0: 3483E50 3EB00C0 3483E50 3483E50
                                              0
                                                   0
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                                                             0
6D046E0: 19AC41D8 19AC42BC 19AC42B0 19AC42A4 19AC4298 15F499E4
6D04700: 3483E60 195E6998
                             4
                                  0 3483E60 18AE7840
                                                         4
6D04720: 3483E50 19FBECB0 C57960 CA8840 CAAB60 CAB8B0 3483E60 C9C270
6D04740: C59000 3483E50
                            0
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6D04760: 16470BA4
                     0
                          F
                               0 3483E60 164EA030
                                                      F
                                                           0
6D04780: 3483E60 164EA098
                             F
                                  0 3483E60
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6D047A0: 3483E60
                    0 1F8DDE0 1F8DE90 1F8F9F0 1F8E370
                                                            0 3521C70
6D047C0: 3521BE0 352CAE0 3483E60
                                      0 3483E50 3483E50 1D169C0 163C3590
6D047E0: 1632BD00 1127050 1655DB98
                                      0 1CACCD0 5A06060 3371C70 3372D30
6D04800: 3373050 3373000 33740F0 3373030 3371610 1677618C
                                                              0
6D04820: 3540BC0 3540A10 3540BF0
                                     0
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6D04840:
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                 0 3483E60
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6D04860:
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                                         0 3483E60
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6D04880: 3483E50 3483E50
                             0 BE99B0 BE9920
                                                       0
                                                  0
6D048A0: 167D0658 167D064C D98390 D97B70 D97D80 D97C90 D98030 D97CB0
6D048C0: D97DA0 D97EB0 D97680 D97700 D97FC0 D97B10 D973B0 D97860
6D048E0: 1495DC30 1495DC24 1495DC18 1495DC0C 1495DC00 1495DBF4 1495DBE8 1495DBDC
6D04900:
                 0 1495DBD0
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                                     0 457550 156040C0
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6D04920:
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6D04940:
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6D04960:
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6D04980:
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6D049A0: 141CC364
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6D049C0:
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6D049E0:
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6D04A00:
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6D04A20:
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6D04A40:
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6D04A60:
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6D04A80:
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6D04AA0: 155E2760 155E2754 155E2748 155E279C 155E2790 155E2784 155E276C 155E273C
6D04AC0: 155E2778 155E2730 155E2724 155E2718 155E270C 155E2700 155E26F4 155E26E8
6D04AE0: 155E26D0 155E25F8 155E26C4 155E26DC
                                                 1 1964D470 3483E60 17608D78
                 0 3483E60
6D04B00:
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                                         0 3483E60
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6D04B20: 458970 45ACD0 460DF0 155E26B8 155E26AC
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6D04B40: 1495DBC4 1495DBB8 155E2898 1495DBA0 155E288C 155E2880 1495DBAC 155E2874
6D04B60: 155E2868 155E285C
                              0 155E2838 155E2850 155E282C 155E2820 155E2814
6D04B80: 155E2808 155E27FC 155E27F0 155E27E4 155E27D8 155E27CC 155E27C0 155E27B4
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0 20000

0 30524C03

141F5774: 6CD0424

0 19860

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6D04BA0: 155E27A8
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                        0 155E2844
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6D04BC0:
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6D04BE0: 155E2550 155E2544
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6D04D60: 155FC604
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6D04DE0: 155E2598 155E258C 155E2580 155E2574 155E2568 155E255C 3483E50 3483E50
6D04E00: 3483E50 3483E50 3483E50 3483E50 3483E50 3483E60
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6D04E20:
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6D04E40: 3483E60
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6D04E60: D4E4F0 3483E50 3483E50 3483E60 3483E60 3483E60
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6D05020: DEADBEEF
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6D051C0:
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6D05240:	0	0	0	0	0	0	0	0
6D05260:	0	0	0	0	0	0	0	0
6D05280:	0	0	0	0	0	0	0	0
6D052A0:	0	0	0	0	0	0	0	0
6D052C0:	0	0	0	0	0	0	0	0
6D052E0:	0	0	0	0	0	0	0	0
6D05300:	0	0	0	0	0	0	0	0
6D05320:	0	0	0	0	0	0	0	0
6D05340:	0	0	0	0	0	0	0	0
6D05360:	0	0	0	0	0	0	0	0
6D05380:	0	0	0	0	0	0	0	0
6D053A0:	0	0	0	0	0	0	0	0
6D053C0:	0	0	0	0	0	0	0	0
6D053E0:	0	0	0	0	0	0	0	0
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6D05460:	0	0	0	0	0	0	0	0
6D05480:	0	0	0	0	0	0	0	0
6D054A0:	0	0	0	0	0	0	0	0
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6D054E0:	0	0	0	0	0	0	0	0
6D05500:	0	0	0	0	0	0	0	0
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6D05540:	0	0	0	0	0	0	0	0
6D05560:	0	0	0	0	0	0	0	0
6D05580:	0	0	0	0	0	0	0	0
6D055A0:	0	0	0	0	0	0	0	0
6D055C0:	0	0	0	0	0	0	0	0
6D055E0:	0	0	0	0	0	0	0	0
6D055E0.	0	0	0	0	0	0	0	0
6D05620: 6D05640:	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
6D05660:	0	0	0	0	0	0	0	0
6D05680:	0	0	0	0	0	0	0	0
6D056A0:	0	0	0	0	0	0	0	0
6D056C0:	0	0	0	0	0	0	0	0
6D056E0: 6D05700:	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
6D05720:	0	0	0	0	0	0	0	0
6D05740:	0	0	0	0	0	0	0	0
6D05760:	0	0	0	0	0	0	0	0
6D05780:	0	0	0	0	0	0	0	0
6D057A0:	0	0	0	0	0	0	0	0
6D057C0:	0	0	0	0	0	0	0	0
6D057E0:	0	0	0	0	0	0	0	0
6D05800:	0	0	0	0	0	0	0	0
6D05820:	0	0	0	0	0	0	0	0
6D05840:	0	0	0	0	0	0	0	0
6D05860:	0	0	0	0	0	0	0	0
6D05880:	0	0	0	0	0	0	0	0
6D058A0:	0	0	0	0	0	0	0	0
6D058C0:	0	0	0	0	0	0	0	0

6D058E0:	0	0	0	0	0	0	0	0
6D05900:	0	0	0	0	0	0	0	0
6D05920:	0	0	0	0	0	0	0	0
6D05940:	0	0	0	0	0	0	0	0
6D05960:	0	0	0	0	0	0	0	0
6D05980:	0	0	0	0	0	0	0	0
6D059A0:	0	0	0	0	0	0	0	0
6D059C0:	0	0	0	0	0	0	0	0
6D059E0:	0	0	0	0	0	0	0	0
6D05A00:	0	0	0	0	0	0	0	0
6D05A20:	0	0	0	0	0	0	0	0
6D05A40:	0	0	0	0	0	0	0	0
6D05A60:	0	0	0	0	0	0	0	0
6D05A80:	0	0	0	0	0	0	0	0
6D05AA0:	0	0	0	0	0	0	0	0
6D05AC0:	0	0	0	0	0	0	0	0
6D05AE0:	0	0	0	0	0	0	0	0
6D05B00:	0	0	0	0	0	0	0	0
6D05B20:	0	0	0	0	0	0	0	0
6D05B40:	0	0	0	0	0	0	0	0
6D05B60:	0	0	0	0	0	0	0	0
6D05B80:	0	0	0	0	0	0	0	0
6D05BA0:	0	0	0	0	0	0	0	0
6D05BC0:	0	0	0	0	0	0	0	0
6D05BE0:	0	0	0	0	0	0	0	0
6D05C00:	0	0	0	0	0	0	0	0
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6D05C40:	0	0	0	0	0	0	0	0
6D05C60:	0	0	0	0	0	0	0	0
6D05C80:	0	0	0	0	0	0	0	0
6D05CA0:	0	0	0	0	0	0	0	0
6D05CC0:	0	0	0	0	0	0	0	0
6D05CE0:	0	0	0	0	0	0	0	0
6D05D00:	0	0	0	0	0	0	0	0
6D05D20:	0	0	0	0	0	0	0	0
6D05D40:	0	0	0	0	0	0	0	0
6D05D60:	0	0	0	0	0	0	0	0
6D05D80:	0	0	0	0	0	0	0	0
6D05DA0:	0	0	0	0	0	0	0	0
6D05DC0:	0	0	0	0	0	0	0	0
6D05DE0:	0	0	0	0	0	0	0	0
6D05E00:	0	0	0	0	0	0	0	0
6D05E20:	0	0	0	0	0	0	0	0
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6D05E60:	0	0	0	0	0	0	0	0
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6D05EE0:	0	0	0	0	0	0	0	0
6D05F00:	0	0	0	0	0	0	0	0
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6D05F60:	0	0	0	0	0	0	0	0
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                    0
                               0
6D06020:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06040:
              0
                    0
                         0
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                                                 0
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6D06060:
              0
                    0
                         0
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                                     0
                                           0
                                                 0
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                                                       0
6D06080:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
6D060A0:
              0
                    0
                          0
                                0
                                     0
                                           0
                                                 0
                                                       0
6D060C0:
              0
                    0
                          0
                                0
                                     0
                                           0
                                                 0
                                                       0
6D060E0:
              0
                    0
                          0
                                0
                                     0
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                                                 0
                                                       0
6D06100:
              0
                    0
                         0
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                                     0
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                                                 0
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6D06120:
              0
                    0
                         0
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                                     0
                                           0
                                                 0
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6D06140:
                         0
                               0
                                     0
                                           0
                                                 0
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              0
                    0
6D06160:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06180:
              0
                    0
                         0
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                                     0
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                                                 0
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6D061A0:
              0
                    0
                          0
                                0
                                     0
                                           0
                                                 0
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6D061C0:
              0
                    0
                          0
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                                     0
                                           0
                                                 0
                                                       0
6D061E0:
                          0
                                     0
                                           0
                                                 0
                                                       0
              0
                    0
                                0
6D06200:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06220:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
                                     0
                                                 0
                                                       0
6D06240:
              0
                    0
                         0
                               0
                                           0
6D06260:
                         0
                                     0
                                           0
                                                 0
                                                       0
              0
                    0
                               0
6D06280:
                         0
                                     0
                                           0
                                                 0
                                                       0
              0
                    0
                               0
6D062A0:
              0
                    0
                          0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D062C0:
                    0
                          0
                                0
                                     0
                                           0
                                                 0
                                                       0
              0
6D062E0:
                          0
                                     0
                                                 0
              0
                    0
                                0
                                           0
                                                       0
                         0
                                     0
                                                 0
                                                       0
6D06300:
              0
                    0
                               0
                                           0
6D06320:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06340:
              0
                    0
                         0
                                     0
                                           0
                                                 0
                                                       0
6D06360:
              0
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06380:
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
              0
                    0
6D063A0:
                    0
                          0
                                0
                                     0
                                           0
                                                 0
                                                       0
              0
6D063C0:
              0
                    0
                          0
                                0
                                     0
                                           0
                                                 0
                                                       0
6D063E0:
              0
                    0
                          0
                               0
                                     0
                                           0
                                                 0
                                                       0
6D06400:
                    0
                         0
                               0
                                     0
                                           0
                                                 0
                                                       0
---- block2 ptr=6D0D9E0 is_malloc=1 length=0x100 ----
---- 2 interesting addresses for block: 6D0DA38 6D0D9F4
6D0D9A0:
              0
                    0
                          0
                                0
                                      0
                                           0
                                                 0
6D0D9C0:
                    0
                          0
                                0
                                      0
                                            0
                                                  0 FD0110DF
              0
                                               0 6D0DA38 6D05034
6D0D9E0: AB1234CD
                         0
                               0 49F81C0
                                                                        18
6D0DA00:
                    0 DEADBEEF
                                      0
                                                  0 4E21628 4E21624
              0
                                            0
                                           0 AB1234CD FFFE0000
6D0DA20:
              0
                    0
                          0
                                0
                                      0
              0 40F7274 7A9B9F 6D0DB78 6D0D9F4 8000008C
6D0DA40:
                                                                      1
                                                                           0
6D0DA60: AFACEFAD
                                0
                                                       0
                          0
                                      0
                                            0
                                                  0
                                                             0
6D0DA80:
              0
                          0
                                0
                                      0
                                           0
                                                 0
                                                       0
                    0
6D0DAA0:
               0
                     1 80C20000 CAC9A 5B8F0900 26424203
                                                                  0 180010C
6D0DAC0: AC9A5B8F
                          0 80010C AC9A5B8F 800A00 140002 F0000
---- block3 ptr=141CA170 is_malloc=1 length=0xA00 ----
----- 8 interesting addresses for block: 141CADF0 141CADEC 141CAD14 141CA9F0 141CA9F0 141CA9FC 141CAA08 141CA
141CA130: 15011D0
                        0
                              0 1501080
                                             0
                                                   3 137DB70
141CA150:
               2
                     1
                          0
                                7 A81370
                                               0
                                                     0 FD0110DF
```

```
141CA170: AB1234CD FFFE0000
                                 0 49F75E0 3483D41 141CA778 141C9984 800002F0
141CA190:
                                 0
                                            0
                                                      0
             1
                  0 141CA7A0
                                       0
                                                 0
                                                     44
141CA1B0:
             1E
                   44
                         10
                              10
                                    44
                                           0
                                                0
                                                 0
141CA1D0:
             10
                   1 4E22720
                                 0
                                      0
                                            0
                                                      0
141CA1F0: 52656720 46756E63 74696F6E 20536500 141CA324 141CA764
                                                                          0
141CA210:
             0 141CA324 141CA334 141CA344 141CA354 141CA364 141CA374 141CA384
141CA230: 141CA394 141CA3A4 141CA3B4 141CA3C4 141CA3D4 141CA3E4 141CA3F4 141CA404
141CA250: 141CA414 141CA424 141CA434 141CA444 141CA454 141CA464 141CA474 141CA484
141CA270: 141CA494 141CA4A4 141CA4B4 141CA4C4 141CA4D4 141CA4E4 141CA4F4 141CA504
141CA290: 141CA514 141CA524 141CA534 141CA544 141CA554 141CA564 141CA574 141CA584
141CA2B0: 141CA594 141CA5A4 141CA5B4 141CA5C4 141CA5D4 141CA5E4 141CA5F4 141CA604
141CA2D0: 141CA614 141CA624 141CA634 141CA644 141CA654 141CA664 141CA674 141CA684
141CA2F0: 141CA694 141CA6A4 141CA6B4 141CA6C4 141CA6D4 141CA6E4 141CA6F4 141CA704
141CA310: 141CA714 141CA724 141CA734 141CA744 141CA754 EF4321CD
141CA330:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA350:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA370:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA390:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA3B0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
                                  0
                                                            0
141CA3D0:
             0 EF4321CD
                             0
                                       0 EF4321CD
                                                      0
141CA3F0:
             0 EF4321CD
                            0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
                                 0
                                                           0
141CA410:
             0 EF4321CD
                            0
                                       0 EF4321CD
                                                      0
141CA430:
             0 EF4321CD
                                 0
                                       0 EF4321CD
                                                           0
                            0
                                                      0
141CA450:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA470:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA490:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
                                  0
141CA4B0:
             0 EF4321CD
                             0
                                       0 EF4321CD
                                                      0
                                                           0
141CA4D0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                            0
                                                           0
141CA4F0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
141CA510:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA530:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA550:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA570:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA590:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA5B0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
141CA5D0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
141CA5F0:
             0 EF4321CD
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
                             O
141CA610:
             0 EF4321CD
                                 0
                                       0 EF4321CD
                                                           0
                            0
                                                      0
141CA630:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA650:
             0 EF4321CD
                                 0
                                                           0
                            0
                                       0 EF4321CD
                                                      0
141CA670:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA690:
             0 EF4321CD
                            0
                                 0
                                       0 EF4321CD
                                                      0
                                                           0
141CA6B0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
141CA6D0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
                                                           0
                                                           0
141CA6F0:
             0 EF4321CD
                             0
                                  0
                                       0 EF4321CD
                                                      0
             0 EF4321CD
                                 0
                                       0 EF4321CD
                                                           0
141CA710:
                            0
                                                      0
                                 0
141CA730:
             0 EF4321CD
                            0
                                       0 EF4321CD
                                                      0
                                                           0
141CA750:
             0 EF4321CD
                            0
                                  0
                                       0
                                            0
                                                 0
                                                       0
                                                0 49F75F8 3483D69 141CAF78
141CA770:
             0 FD0110DF AB1234CD FFFE0000
                                     0 141CAFA0 167CFF10
141CA790: 141CA184 800003EC
                                1
                                                              0
                                                                   0
141CA7B0: 1495D950
                                 75
                                        С
                                             C
                                                   0
                                                       819
                       0
                           64
            819
                                                  0
141CA7D0:
                   21
                          8
                               1 4E22720
                                             0
                                                       0
141CA7F0:
             0
                   0 52656720 46756E63 74696F6E 204C6900 141CA9F0 141CAF6C
```

```
11 141CA9F0 141CA9FC 141CAA08 141CAA14 141CAA20
141CA810:
                 0
141CA830: 141CAA2C 141CAA38 141CAA44 141CAA50 141CAA5C 141CAA68 141CAA74 141CAA80
141CA850: 141CAA8C 141CAA98 141CAAA4 141CAAB0 141CAABC 141CAAC8 141CAAD4 141CAAE0
141CA870: 141CAAEC 141CAAF8 141CAB04 141CAB10 141CAB1C 141CAB28 141CAB34 141CAB40
141CA890: 141CAB4C 141CAB58 141CAB64 141CAB70 141CAB7C 141CAB88 141CAB94 141CABA0
141CA8B0: 141CABAC 141CABB8 141CABC4 141CABD0 141CABDC 141CABE8 141CABF4 141CAC00
141CA8D0: 141CAC0C 141CAC18 141CAC24 141CAC30 141CAC3C 141CAC48 141CAC54 141CAC60
141CA8F0: 141CAC6C 141CAC78 141CAC84 141CAC90 141CAC9C 141CACA8 141CACB4 141CACC0
141CA910: 141CACCC 141CACD8 141CACE4 141CACF0 141CACFC 141CAD08 141CAD14 141CAD20
141CA930: 141CAD2C 141CAD38 141CAD44 141CAD50 141CAD5C 141CAD68 141CAD74 141CAD80
141CA950: 141CAD8C 141CAD98 141CADA4 141CADB0 141CADBC 141CADC8 141CADD4 141CADE0
141CA970: 141CADEC 141CADF8 141CAE04 141CAE10 141CAE1C 141CAE28 141CAE34 141CAE40
141CA990: 141CAE4C 141CAE58 141CAE64 141CAE70 141CAE7C 141CAE88 141CAE94 141CAEA0
141CA9B0: 141CAEAC 141CAEB8 141CAEC4 141CAED0 141CAEDC 141CAEE8 141CAEF4 141CAF00
141CA9D0: 141CAF0C 141CAF18 141CAF24 141CAF30 141CAF3C 141CAF48 141CAF54 141CAF60
141CA9F0: 14956B3C
                      0
                           0 14956B6C
                                         0
                                              0 14956C98
141CAA10:
             0 14405038
                          0
                               0 14405044
                                             0
                                                  0 14405050
141CAA30:
                  0 1440505C
                               0
                                     0 144050D4
                                                   0
                                                        0
             0
                                             0 1440514C
141CAA50: 144050E0
                          0 14405140
                                        0
                     0
141CAA70:
             0 14405158
                               0 14405164
                                                  0 1440517C
                          0
                                             0
141CAA90:
                  0 14405188
                               0
                                    0 14405194
                                                  0
                                                       0
             0
141CAAB0: 144051A0
                           0 144052CC
                                         0
                                              0 144052D8
                      0
                                                            0
141CAAD0:
             0 144052E4
                                0 144052F0
                                              0
                                                   0 144052FC
                           0
141CAAF0:
                  0 14405308
                                    0 14405314
             0
                               0
                                                  0
                                                       0
141CAB10: 14405320
                     0
                          0 1440532C
                                        0
                                             0 14405338
                                                           0
141CAB30:
             0 14405344
                          0
                               0 14405350
                                             0
                                                  0 1440535C
141CAB50:
                  0 14405368
                               0
                                    0 14405374
---- block4 ptr=141CA170 is_malloc=1 length=0x608 ----
---- 3 interesting addresses for block: 141CA170 141CA184 141CA324
141CA130: 15011D0
                     0
                          0 1501080
                                       0
                                            3 137DB70
141CA150:
            2
                            7 A81370
                                        0
                                             0 FD0110DF
141CA170: AB1234CD FFFE0000
                               0 49F75E0 3483D41 141CA778 141C9984 800002F0
                                                    0
141CA190:
            1
                 0 141CA7A0
                                0
                                     0
                                          0
                                               0
141CA1B0:
                                   44
                                                  44
            1E
                       10
                             10
                                         0
                                              0
141CA1D0:
            10
                  1 4E22720
                               0
                                     0
                                          0
                                               0
141CA1F0: 52656720 46756E63 74696F6E 20536500 141CA324 141CA764
141CA210:
            0 141CA324 141CA334 141CA344 141CA354 141CA364 141CA374 141CA384
141CA230: 141CA394 141CA3A4 141CA3B4 141CA3C4 141CA3D4 141CA3E4 141CA3F4 141CA404
141CA250: 141CA414 141CA424 141CA434 141CA444 141CA454 141CA464 141CA474 141CA484
141CA270: 141CA494 141CA4A4 141CA4B4 141CA4C4 141CA4D4 141CA4E4 141CA4F4 141CA504
141CA290: 141CA514 141CA524 141CA534 141CA544 141CA554 141CA564 141CA574 141CA584
141CA2B0: 141CA594 141CA5A4 141CA5B4 141CA5C4 141CA5D4 141CA5E4 141CA5F4 141CA604
141CA2D0: 141CA614 141CA624 141CA634 141CA644 141CA654 141CA664 141CA674 141CA684
141CA2F0: 141CA694 141CA6A4 141CA6B4 141CA6C4 141CA6D4 141CA6E4 141CA6F4 141CA704
141CA310: 141CA714 141CA724 141CA734 141CA744 141CA754 EF4321CD
141CA330:
            0 EF4321CD
                                0
                                     0 EF4321CD
                                                         0
                           0
                                                    0
141CA350:
            0 EF4321CD
                                0
                                     0 EF4321CD
                                                         0
                           0
                                                    0
                                0
141CA370:
            0 EF4321CD
                           0
                                     0 EF4321CD
                                                    0
                                                         0
141CA390:
            0 EF4321CD
                                0
                                     0 EF4321CD
                                                    0
                                                         0
141CA3B0:
            0 EF4321CD
                           0
                                0
                                     0 EF4321CD
                                                    0
                                                         0
141CA3D0:
             0 EF4321CD
                           0
                                0
                                     0 EF4321CD
                                                    0
                                                         0
141CA3F0:
            0 EF4321CD
                                0
                                     0 EF4321CD
                                                    0
                                                         0
                           0
141CA410:
            0 EF4321CD
                           0
                                0
                                     0 EF4321CD
                                                    0
                                                         0
```

141CA430:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA450:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA470:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA490:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA4B0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA4D0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA4F0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA510:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA530:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA550:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA570:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA590:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA5B0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA5D0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA5F0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA610:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA630:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA650:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA670:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA690:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA6B0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA6D0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA6F0:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA710:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA730:	0 EF4321CD	0	0	0 EF4321CD	0	0
141CA750:	0 EF4321CD	0	0	0 0 0	0	
141CA770:	0 FD0110DF					

---- block5 ptr=2050D004 is\_malloc=0 length=0x100 ----

---- 1 interesting address for block: 2050D006

2050CFC4:	0	0	0	0	0	0	0	0
2050CFE4:	0	0	0	0	0	0	0	0
2050D004:	0	0	0	0	0	0	0	0
2050D024:	0	0	0	0	0	0	0	0
2050D044:	0	0	0	0	0	0	0	0
2050D064:	0	0	0	0	0	0	0	0
2050D084:	0	0	0	0	0	0	0	0
2050D0A4:	0	0	0	0	0	0	0	0
2050D0C4:	0	0	0	0	0	0	0	0
2050D0E4:	0	0	0	0	0	0	0	0

---- block6 ptr=8E18E8 is\_malloc=0 length=0x100 ----

---- 1 interesting address for block: 8E18E9

---- block7 ptr=143E6AB8 is\_malloc=1 length=0xA00 ----

<sup>---- 1</sup> interesting address for block: 143E6AE0

143E6A98: 0 0 0 0 FD0110DF 0 0 0 143E6AB8: AB1234CD FFFE0000 0 44DD494 1DE00E1 143E8AE8 143D6A9C 80001004 1 1DDB19E A2A4D61 72202031 2030303A 30303A30 312E3439 393A2025 143E6AF8: 4154412D 362D4445 565F464F 554E443A 20646576 69636520 30783146 300A2A4D 143E6B18: 61722020 31203030 3A30303A 30312E35 38323A20 254E5652 414D2D35 2D434F4E 143E6B38: 4649475F 4E565241 4D5F5245 41445F4F 4B3A204E 5652414D 20636F6E 66696775 143E6B58: 72617469 6F6E2027 666C6173 683A2F6E 7672616D 27207761 73207265 61642066 143E6B78: 726F6D20 6469736B 2E0A2A4F 63742031 37203038 3A33373A 35392E39 31333A20 143E6B98: 25535041 4E545245 452D352D 45585445 4E444544 5F535953 49443A20 45787465 143E6BB8: 6E646564 20537973 49642065 6E61626C 65642066 6F722074 79706520 766C616E 143E6BD8: A2A4F63 74203137 2030383A 33383A30 342E3637 353A2025 4C494E4B 2D352D43 143E6BF8: 48414E47 45443A20 496E7465 72666163 65204769 67616269 74457468 65726E65 143E6C18: 74302F30 2C206368 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 143E6C38: 74203137 2030383A 33383A30 342E3637 363A2025 4C494E4B 2D352D43 48414E47 143E6C58: 45443A20 496E7465 72666163 65204769 67616269 74457468 65726E65 74302F31 143E6C78: 2C206368 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 74203137 143E6C98: 2030383A 33383A30 342E3637 373A2025 4C494E4B 2D352D43 48414E47 45443A20 143E6CB8: 496E7465 72666163 65204769 67616269 74457468 65726E65 74302F32 2C206368 143E6CD8: 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 143E6CF8: 33383A30 342E3637 373A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 143E6D18: 72666163 65204769 67616269 74457468 65726E65 74302F33 2C206368 616E6765 143E6D38: 64207374 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 143E6D58: 342E3637 373A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 143E6D78: 65204769 67616269 74457468 65726E65 74312F30 2C206368 616E6765 64207374 143E6D98: 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 342E3637 143E6DB8: 383A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 143E6DD8: 67616269 74457468 65726E65 74312F31 2C206368 616E6765 64207374 61746520 143E6DF8: 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 342E3637 393A2025 143E6E18: 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 67616269 143E6E38: 74457468 65726E65 74312F32 2C206368 616E6765 64207374 61746520 746F2072 143E6E58: 65736574 A2A4F63 74203137 2030383A 33383A30 342E3638 303A2025 4C494E4B 143E6E78: 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 67616269 74457468 143E6E98: 65726E65 74312F33 2C206368 616E6765 64207374 61746520 746F2072 65736574 143E6EB8: A2A4F63 74203137 2030383A 33383A30 342E3638 303A2025 4C494E4B 2D352D43 143E6ED8: 48414E47 45443A20 496E7465 72666163 65204769 67616269 74457468 65726E65 143E6EF8: 74322F30 2C206368 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 143E6F18: 74203137 2030383A 33383A30 342E3638 303A2025 4C494E4B 2D352D43 48414E47 143E6F38: 45443A20 496E7465 72666163 65204769 67616269 74457468 65726E65 74322F31 143E6F58: 2C206368 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 74203137 143E6F78: 2030383A 33383A30 342E3638 313A2025 4C494E4B 2D352D43 48414E47 45443A20 143E6F98: 496E7465 72666163 65204769 67616269 74457468 65726E65 74322F32 2C206368 143E6FB8: 616E6765 64207374 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 143E6FD8: 33383A30 342E3638 313A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 143E6FF8: 72666163 65204769 67616269 74457468 65726E65 74322F33 2C206368 616E6765 143E7018: 64207374 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 143E7038: 342E3638 323A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 143E7058: 65204769 67616269 74457468 65726E65 74332F30 2C206368 616E6765 64207374 143E7078: 61746520 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 342E3638 143E7098: 323A2025 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 143E70B8: 67616269 74457468 65726E65 74332F31 2C206368 616E6765 64207374 61746520 143E70D8: 746F2072 65736574 A2A4F63 74203137 2030383A 33383A30 342E3638 333A2025 143E70F8: 4C494E4B 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 67616269

0

143E6A78: 143D6AB0 EF4321CD

0

0

```
143E7118: 74457468 65726E65 74332F32 2C206368 616E6765 64207374 61746520 746F2072
143E7138: 65736574 A2A4F63 74203137 2030383A 33383A30 342E3638 333A2025 4C494E4B
143E7158: 2D352D43 48414E47 45443A20 496E7465 72666163 65204769 67616269 74457468
143E7178: 65726E65 74332F33 2C206368 616E6765 64207374 61746520 746F2072 65736574
143E7198: A2A4F63 74203137 2030383A 33383A30 352E3835 383A2025 4C494E45 50524F54
143E71B8: 4F2D352D 5550444F 574E3A20 4C696E65 2070726F 746F636F 6C206F6E 20496E74
143E71D8: 65726661 63652047 69676162 69744574 6865726E 6574302F 302C2063 68616E67
143E71F8: 65642073 74617465 20746F20 75700A2A 4F637420 31372030 383A3338 3A30352E
143E7218: 3835393A 20254C49 4E455052 4F544F2D 352D5550 444F574E 3A204C69 6E652070
143E7238: 726F746F 636F6C20 6F6E2049 6E746572 66616365 20476967 61626974 45746865
143E7258: 726E6574 302F312C 20636861 6E676564 20737461 74652074 6F207570 A2A4F63
143E7278: 74203137 2030383A 33383A30 352E3835 393A2025 4C494E45 50524F54 4F2D352D
143E7298: 5550444F 574E3A20 4C696E65 2070726F 746F636F 6C206F6E 20496E74 65726661
143E72B8: 63652047 69676162 69744574 6865726E 6574302F 322C2063 68616E67 65642073
143E72D8: 74617465 20746F20 75700A2A 4F637420 31372030 383A3338 3A30352E 3836303A
143E72F8: 20254C49 4E455052 4F544F2D 352D5550 444F574E 3A204C69 6E652070 726F746F
143E7318: 636F6C20 6F6E2049 6E746572 66616365 20476967 61626974 45746865 726E6574
143E7338: 302F332C 20636861 6E676564 20737461 74652074 6F207570 A2A4F63 74203137
143E7358: 2030383A 33383A30 352E3836 303A2025 4C494E45 50524F54 4F2D352D 5550444F
143E7378: 574E3A20 4C696E65 2070726F 746F636F 6C206F6E 20496E74 65726661 63652047
143E7398: 69676162 69744574 6865726E 6574312F 302C2063 68616E67 65642073 74617465
143E73B8: 20746F20 75700A2A 4F637420 31372030 383A3338 3A30352E 3836313A 20254C49
143E73D8: 4E455052 4F544F2D 352D5550 444F574E 3A204C69 6E652070 726F746F 636F6C20
143E73F8: 6F6E2049 6E746572 66616365 20476967 61626974 45746865 726E6574 312F312C
143E7418: 20636861 6E676564 20737461 74652074 6F207570 A2A4F63 74203137 2030383A
143E7438: 33383A30 352E3836 313A2025 4C494E45 50524F54 4F2D352D 5550444F 574E3A20
143E7458: 4C696E65 2070726F 746F636F 6C206F6E 20496E74 65726661 63652047 69676162
143E7478: 69744574 6865726E 6574312F 322C2063 68616E67 65642073 74617465 20746F20
143E7498: 75700A2A 4F637420 31372030 383A3338 3A30352E 3836323A 20254C49 4E455052
---- block8 ptr=9384200 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 9384203
93841C0:
            0
                  0
                       0
                            0
                                  0
                                       0
                                            0
                                                  0
93841E0:
                       0
                            0
                                 0
                                       0
                                            0
                                                 0
            0
                 0
9384200:
                            0
                                 0
                                            0
                                                 0
            0
                 0
                       0
                                      0
9384220:
            0
                 0
                       0
                            0
                                 0
                                      0
                                            0
                                                 0
9384240:
            0
                 0
                       0
                            0
                                 0
                                      0
                                            0
                                                 0
9384260:
                 0
                       0
                            0
                                 0
                                      0
                                            0
                                                 0
            0
9384280:
                 0
                       0
                            0
                                 0
                                      0
                                            0
                                                 0
            0
93842A0:
            0
                 0
                       0
                            0
                                 0
                                       0
                                            0
                                                 0
93842C0:
            0
                  0
                       0
                            0
                                 0
                                       0
                                            0
                                                 0
93842E0:
            0
                 0
                       0
                            0
                                  0
                                            0
                                                 0
---- block9 ptr=6D4ABB8 is_malloc=1 length=0x320 ----
---- 1 interesting address for block: 6D4ABE4
```

6D4ABB8: AB1234CD FFFE0000

6D4AB78: 6D4AB98: 0 FD0110DF

0 AFACEFAD A2A4F63 74203137 2030383A 33393A33 392E3539 6D4ABF8: 353A2025 5359532D 362D4D45 4D44554D 503A2030 78364430 35303230 3A203078 6D4AC18: 44454144 42454546 20307830 20307830 20307834 39463831 43300A2A 4F637420 6D4AC38: 31372030 383A3339 3A33392E 3539353A 20255359 532D362D 4D454D44 554D503A 6D4AC58: 20307836 44303530 33303A20 30783334 39463842 30203078 36443044 39453020 6D4AC78: 30783445 32313543 43203078 38303030 34344343 A2A4F63 74203137 2030383A 6D4AC98: 33393A33 392E3539 353A2025 5359532D 362D4D45 4D44554D 503A2030 78364430

0 40F7274 7A9B9F 6D4AED8 6D4A8AC 8000017C

6D4ACD8: 0 0 0 0 0 0 0 0 6D4ACF8: 0 0 0 0 0 0 0	0
6D4ACF8: 0 0 0 0 0 0 0	O
6D4AD18: 0 0 0 0 0 0 0 0 6D4AD38: 0 0 0 0 0 0 0	
6D4ADB8: 0 0 0 0 0 0 0 0	
6D4ADD8: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
6D4ADF8: 0 0 0 0 0 0 0 0	
6D4AE18: 0 0 0 0 0 0 0 0	
6D4AE38: 0 0 0 0 0 0 0 0	
6D4AE58: 0 0 0 0 0 0 0 0	
6D4AE78: 0 0 0 0 0 0 0 0	
6D4AE98: 0 0 0 0 0 0 0 0	
6D4AEB8: 0 0 0 0 0 0 FD0110DF	
block10 ptr=C561F14 is_malloc=0 length=0x100	
1 interesting address for block: C561F14	
C561ED4: 0 0 0 0 0 0 0	
C561EF4: 0 0 0 0 0 0 0	
C561F14: 0 0 0 0 0 0 0 0	
C561F34: 0 0 0 0 0 0 0 0	
C561F54: 0 0 0 0 0 0 0	
C561F74: 0 0 0 0 0 0 0 0	
C561F94: 0 0 0 0 0 0 0	
C561FB4: 0 0 0 0 0 0 0	
C561FD4: 0 0 0 0 0 0 0	
C561FF4: 0 0 0 0 0 0 0	
block11 ptr=29054800 is_malloc=0 length=0x100	
1 interesting address for block: 29054803	
290547C0: 0 0 0 0 0 0 0 0	
290547E0: 0 0 0 0 0 0 0	
00054000 0 0 0 0 0 0 0	
29054800: 0 0 0 0 0 0 0	
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
29054820: 0 0 0 0 0 0 0	
29054820: 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0	
29054820:       0       0       0       0       0       0       0         29054840:       0       0       0       0       0       0       0         29054860:       0       0       0       0       0       0       0	
29054820:       0       0       0       0       0       0       0       0         29054840:       0       0       0       0       0       0       0       0         29054860:       0       0       0       0       0       0       0       0         29054880:       0       0       0       0       0       0       0       0	
29054820:       0       0       0       0       0       0       0         29054840:       0       0       0       0       0       0       0         29054860:       0       0       0       0       0       0       0         29054880:       0       0       0       0       0       0       0         290548A0:       0       0       0       0       0       0       0	
29054820:       0       0       0       0       0       0       0       0         29054840:       0       0       0       0       0       0       0       0         29054860:       0       0       0       0       0       0       0       0         29054880:       0       0       0       0       0       0       0       0         290548A0:       0       0       0       0       0       0       0       0         290548C0:       0       0       0       0       0       0       0       0	
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
29054820: 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 29054860: 0 0 0 0 0 0 0 0 0 29054880: 0 0 0 0 0 0 0 0 0 290548A0: 0 0 0 0 0 0 0 0 290548C0: 0 0 0 0 0 0 0 0 0 290548E0: 0 0 0 0 0 0 0 0 0 290548E0: 0 0 0 0 0 0 0 0 0 block12 ptr=44DD29C is_malloc=0 length=0x100 1 interesting address for block: 44DD29C 44DD25C: 2D396C6C 750A0000 25313573 25333173 0 A427566 66657265 6426	
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
29054820: 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 29054860: 0 0 0 0 0 0 0 0 0 29054880: 0 0 0 0 0 0 0 0 0 290548A0: 0 0 0 0 0 0 0 0 290548C0: 0 0 0 0 0 0 0 0 0 290548E0: 0 0 0 0 0 0 0 0 0 290548E0: 0 0 0 0 0 0 0 0 0 block12 ptr=44DD29C is_malloc=0 length=0x100 1 interesting address for block: 44DD29C 44DD25C: 2D396C6C 750A0000 25313573 25333173 0 A427566 66657265 6426	29000000
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361 7 2069643D
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361 72069643D 03C2F6172
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361 72069643D 03C2F6172 2673E3C2F
29054820: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361 7 2069643D 0 3C2F6172 2 673E3C2F F 732D6C6F
29054840: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29000000 65737361 72069643D 03C2F6172 2673E3C2F F732D6C6F 3E 0

```
---- block13 ptr=2B018700 is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 2B018700
                                                   0
2B0186C0:
             0
                   0
                        0
                             0
                                   0
                                        0
                                             0
2B0186E0:
                   0
                        0
                             0
                                        0
                                             0
                                                   0
             0
                                   0
2B018700:
                  0
                        0
                             0
                                  0
                                        0
                                             0
                                                  0
             0
2B018720:
                  0
                        0
                             0
                                  0
                                        0
                                             0
                                                  0
             0
2B018740:
                        0
                             0
                                  0
                                        0
                                             0
                                                  0
             0
                  0
2B018760:
             0
                  0
                        0
                             0
                                  0
                                        0
                                             0
                                                  0
2B018780:
             0
                  0
                        0
                             0
                                  0
                                        0
                                             0
                                                  0
2B0187A0:
                   0
                        0
                             0
                                        0
                                             0
                                                   0
2B0187C0:
                   0
                        0
                             0
                                   0
                                        0
                                                   0
2B0187E0:
                   0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
---- block14 ptr=4000000 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 4000000
             0 2573496E 76616C69 64207479 70652025 752C2061 6C672025 752C2073
3FFFFC0:
3FFFFE0: 7472696E 67202573 2C206F62 6A202570
                                                  0 25734765 6E657261 74652025
4000000: 7320696E 6465782C 206F626A 2025702C 20766961 20257320 666F7220 25730000
4000020: 2573436F 6C6C6973 696F6E20 6F6E2069 6E646578 20253038 582C2073 616D6520
4000040: 6F626A65 63740000 25734669 6E616C20 68617368 20696E64 65783B20 6F626A20
4000060: 25702C20 74797065 2025732C 20696E64 65782025 3038582C 20737472 20257300
4000080: 25734164 64656420 25732064 61746120 25702C20 696E6465 78202530 38782C20
40000A0: 68617368 65642069 6E646578 20253038 782C2073 74722025 73000000 25735265
40000C0: 6D6F7665 64202573 20646174 61202570 2C20696E 64657820 25303878 2C206861
40000E0: 73686564 20696E64 65782025 3038782C 20737472 20257300 25734164 64656420
---- block15 ptr=4E21560 is_malloc=0 length=0x100 ----
---- 3 interesting addresses for block: 4E21560 4E21628 4E21624
4E21520:
            0
                  0
                                  0
                                       0
                       0
                             0
                                             0
4E21540:
            0
                  0
                       0
                             0
                                  0
                                       0
                                             0
                                                  0
                      2 4E214B0 4E214B0 4E236C0 4E2253C 4E21568 58D70D8
4E21560: 44AFC6C
4E21580:
             4 10000
                         1
                               0 44AFC6C 3471B10 3471B00 58D711C
4E215A0:
             0 F61958 F0000 F61958 CCF7618 CD00000
                                                            20
4E215C0:
             0
                  0
                       0 6D05020
                                      0
                                           1
                                              18000
                                                      8000
4E215E0:
                                             0
             0
                  0
                       0
                             0
                                  0
                                       0
4E21600:
            0 4E217F0 4E21994
                                         Ε
                                               0
                                                    Ε
                                   10
4E21620:
            2F 6D0DA08
                            0
                                 0
                                      0
                                            0
                                                 0 6D0DA18
                                  F
4E21640:
            0
                  0
                       0
                            30
                                       30
                                             30
                                                   51
---- block16 ptr=19AC3F48 is_malloc=1 length=0x800 ----
---- 5 interesting addresses for block: 19AC41D8 19AC42BC 19AC42B0 19AC42A4 19AC4298
19AC3F08:
             0 EF4321CD
                             0
                                  0
                                       0
                                             0
                                                  0
                                                       0
19AC3F28: EF4321CD
                             0
                                  0
                                        0
                                             0
                                                  0 FD0110DF
                       0
19AC3F48: AB1234CD FFFE0000
                                 0 141CA7F8 347FE6B 19AC4748 19AC3A94 800003EC
19AC3F68:
             1 D0D0D0D
                             0 165C8458 174861E8
                                                     0 141CA7A0
19AC3F88:
             64
                   75
                         С
                               С
                                     0
                                          0
                                                     0
                                               0
19AC3FA8:
              8
                   3 4E22720
                                 0
                                      0
                                            0
                                                 0
19AC3FC8: 52656720 46756E63 74696F6E 204C6900 19AC41C0 19AC473C
                                                                            0
              0 19AC41C0 19AC41CC 19AC41D8 19AC41E4 19AC41F0 19AC41FC 19AC4208
19AC3FE8:
19AC4008: 19AC4214 19AC4220 19AC422C 19AC4238 19AC4244 19AC4250 19AC425C 19AC4268
19AC4028: 19AC4274 19AC4280 19AC428C 19AC4298 19AC42A4 19AC42B0 19AC42BC 19AC42C8
19AC4048: 19AC42D4 19AC42E0 19AC42EC 19AC42F8 19AC4304 19AC4310 19AC431C 19AC4328
19AC4068: 19AC4334 19AC4340 19AC434C 19AC4358 19AC4364 19AC4370 19AC437C 19AC4388
19AC4088: 19AC4394 19AC43A0 19AC43AC 19AC43B8 19AC43C4 19AC43D0 19AC43DC 19AC43E8
19AC40A8: 19AC43F4 19AC4400 19AC440C 19AC4418 19AC4424 19AC4430 19AC443C 19AC4448
19AC40C8: 19AC4454 19AC4460 19AC446C 19AC4478 19AC4484 19AC4490 19AC449C 19AC44A8
```

```
19AC40E8: 19AC44B4 19AC44C0 19AC44CC 19AC44D8 19AC44E4 19AC44F0 19AC44FC 19AC4508
19AC4108: 19AC4514 19AC4520 19AC452C 19AC4538 19AC4544 19AC4550 19AC455C 19AC4568
19AC4128: 19AC4574 19AC4580 19AC458C 19AC4598 19AC45A4 19AC45B0 19AC45BC 19AC45C8
19AC4148: 19AC45D4 19AC45E0 19AC45EC 19AC45F8 19AC4604 19AC4610 19AC461C 19AC4628
19AC4168: 19AC4634 19AC4640 19AC464C 19AC4658 19AC4664 19AC4670 19AC467C 19AC4688
19AC4188: 19AC4694 19AC46A0 19AC46AC 19AC46B8 19AC46C4 19AC46D0 19AC46DC 19AC46E8
19AC41A8: 19AC46F4 19AC4700 19AC470C 19AC4718 19AC4724 19AC4730 17486190
19AC41C8:
             0 1748619C
                            0
                                 0 174861A8
                                                0
                                                     0 17484468
19AC41E8:
                   0 17484480
                                      0 1748448C
             0
                                 0
                                                     0
                                                          0
19AC4208: 174844A4
                      0
                           0 174844B0
                                          0
                                               0 174844BC
19AC4228:
             0 174844E0
                           0
                                 0 1748451C
                                               0
                                                     0 17484528
19AC4248:
                  0 17484564
                                 0
                                      0 17484738
                                                         0
19AC4268: 174847A4
                           0 174847B0
                                          0
                                               0 174847BC
                      0
19AC4288:
             0 174847C8
                                 0 174847EC
                                                0
                                                     0 174847F8
                            0
19AC42A8:
                   0 17484804
                                      0 17484810
             0
                                 0
                                                    0
                                                         0
19AC42C8: 1748481C
                       0
                            0 174848C4
                                          0
                                                0 174848E8
19AC42E8:
             0 17484930
                           0
                                 0.19F8C364
                                               0
                                                     0.19F8C370
19AC4308:
             0
                  0 19F8C37C
                                 0
                                       0 19F8C3AC
                                                      0
                                                           0
19AC4328: 19F8C3C4
                            0 19F8C3D0
                                                0 19F8C3E8
                       0
                                           0
                                                               0
19AC4348:
             0 19F8C400
                            0
                                 0 19F8C430
                                                     0 19F8C460
                                                0
19AC4368:
             0
                  0 19F8C484
                                 0
                                      0 19F8C4C0
                                                     0
                                                          0
19AC4388: 19F8C4E4
                       0
                            0 19F8C58C
                                                0 19F8C598
                                           0
                                                               0
                                 0 19F8C5B0
19AC43A8:
             0 19F8C5A4
                                                0
                                                     0 19F8C61C
                            0
19AC43C8:
                   0 19F8C634
                                       0 19F8C64C
             0
                                 0
                                                      0
                                                           0
                            0 19F8C6F4
                                                0 19F8C700
19AC43E8: 19F8C6C4
                       0
                                           0
                                                               0
             0 19F8C70C
                                 0 19F8C718
19AC4408:
                            0
                                                0
                                                     0 19F8C730
19AC4428:
                  0 19F8C73C
                                       0 19F8C748
                                 0
19AC4448: 19F8C754
                            0 19F8C760
                                                0 19F8C76C
                      0
                                          0
                                                               0
             0 19F8C778
                                 0 19F8C784
                                                     0 19F8C844
19AC4468:
                            0
                                                0
19AC4488:
             0
                  0 19F8C850
                                 0
                                      0 19F8C85C
                                                     0
19AC44A8: 19F8C868
                       0
                            0 19F8C874
                                           0
                                                0 19F8C898
19AC44C8:
             0 19F8C8A4
                            0
                                 0 19F8C8B0
                                                0
                                                      0 19F8C8BC
19AC44E8:
                   0 16C15018
                                      0 16C15024
                                                     0
             0
                                 0
19AC4508: 16C15030
                            0 16C15060
                                               0 16C150C0
                      0
                                          0
19AC4528:
             0 16C150CC
                            0
                                 0 16C15150
                                                     0 16C1515C
19AC4548:
             0
                  0 16C15174
                                 0
                                      0 16C15180
                                                     0
                                                0 16C1533C
                            0 16C1530C
19AC4568: 16C15294
                      0
                                          0
                                                               0
19AC4588:
             0 16C1536C
                            0
                                 0 16C153F0
                                                     0 16C15408
                                                0
19AC45A8:
             0
                   0 16C15414
                                 0
                                      0 16C15474
                                                     0
                                                          0
19AC45C8: 16C15480
                            0 16C1548C
                                           0
                                                0 16C154A4
                       0
                                                               0
                                 0 16C154E0
                                                     0 16C154EC
19AC45E8:
             0 16C154D4
                            0
                                                0
19AC4608:
             0
                  0 16C154F8
                                 0
                                      0 19BF6494
                                                     0
                                                          0
19AC4628: 19BF64C4
                            0 19BF64D0
                                                0 19BF64E8
                       0
                                           0
                                                               0
                                 0 19BF6500
19AC4648:
             0 19BF64F4
                            0
                                               0
                                                     0 19BF650C
                  0 19BF6554
                                      0 19BF65A8
19AC4668:
             0
                                 0
                                                     0
                                                          0
19AC4688: 19BF6650
                            0 19BF6668
                                               0 19BF6674
                      0
                                          0
19AC46A8:
             0 19BF668C
                                 0 19BF66A4
                                                     0 19BF66BC
                            0
                                                0
                                       0 19BF66E0
19AC46C8:
             0
                   0 19BF66C8
                                 0
                                                      0
                                                           0
19AC46E8: 19BF66EC
                       0
                            0 19BF66F8
                                           0
                                                0 19BF6704
19AC4708:
             0 19BF677C
                            0
                                 0 19BF6788
                                                     0 19BF6794
19AC4728:
             0
                  0 19BF67F4
                                 0
                                      0
                                           0
                                                 0 FD0110DF
---- block17 ptr=15F49328 is_malloc=1 length=0x800 ----
```

<sup>---- 1</sup> interesting address for block: 15F499E4

```
0
                       0
                             0
15F492E8:
             0
                                  Ω
                                       0
                                            0
                                                  n
15F49308:
             0
                  1
                      3E8 186A0 80000003
                                              0
                                                   0 FD0110DF
15F49328: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 15F49B28 15F4928C 800003EC
15F49348:
             1
                  0
                       0 15E02ED8 16010E40
                                               0 141CA7A0
                                                              0
15F49368:
            64
                  75
                        С
                              С
                                   0
                                         0
                                              O
                                                   n
                  3 4E22720
15F49388:
             8
                                0
                                     0
                                          0
                                               0
                                                     0
15F493A8: 52656720 46756E63 74696F6E 204C6900 15F495A0 15F49B1C
                                                                          0
15F493C8:
             0 15F495A0 15F495AC 15F495B8 15F495C4 15F495D0 15F495DC 15F495E8
15F493E8: 15F495F4 15F49600 15F4960C 15F49618 15F49624 15F49630 15F4963C 15F49648
15F49408: 15F49654 15F49660 15F4966C 15F49678 15F49684 15F49690 15F4969C 15F496A8
15F49428: 15F496B4 15F496C0 15F496CC 15F496D8 15F496E4 15F496F0 15F496FC 15F49708
15F49448: 15F49714 15F49720 15F4972C 15F49738 15F49744 15F49750 15F4975C 15F49768
15F49468: 15F49774 15F49780 15F4978C 15F49798 15F497A4 15F497B0 15F497BC 15F497C8
15F49488: 15F497D4 15F497E0 15F497EC 15F497F8 15F49804 15F49810 15F4981C 15F49828
15F494A8: 15F49834 15F49840 15F4984C 15F49858 15F49864 15F49870 15F4987C 15F49888
15F494C8: 15F49894 15F498A0 15F498AC 15F498B8 15F498C4 15F498D0 15F498DC 15F498E8
15F494E8: 15F498F4 15F49900 15F4990C 15F49918 15F49924 15F49930 15F4993C 15F49948
15F49508: 15F49954 15F49960 15F4996C 15F49978 15F49984 15F49990 15F4999C 15F499A8
15F49528: 15F499B4 15F499C0 15F499CC 15F499D8 15F499E4 15F499F0 15F499FC 15F49A08
15F49548: 15F49A14 15F49A20 15F49A2C 15F49A38 15F49A44 15F49A50 15F49A5C 15F49A68
15F49568: 15F49A74 15F49A80 15F49A8C 15F49A98 15F49AA4 15F49AB0 15F49ABC 15F49AC8
15F49588: 15F49AD4 15F49AE0 15F49AEC 15F49AF8 15F49B04 15F49B10 15F7EAD8
15F495A8:
             0 15F7EAF0
                            0
                                 0.15F7EAFC
                                                0
                                                     0 15F7EB08
                  0 15F7EB14
15F495C8:
                                      0 15F7EB20
             0
                                 0
                                                     0
                                                          0
15F495E8: 15F7EB2C
                                           0
                       0
                            0 15F7EB38
                                                0 15F7EB44
                                                              0
             0 15F7EB50
                                                     0 15F7EB80
15F49608:
                           0
                                0 15F7EB5C
                                                0
                  0 15F7EBA4
                                      0 15F7EBB0
15F49628:
             0
                                 0
                                                     0
15F49648: 15F7EBD4
                            0 15F7EBE0
                                                0 15F7EBEC
                      0
                                           0
                                                               0
             0 15F7EBF8
15F49668:
                           0
                                 0 15F7EC04
                                               0
                                                     0 15F7EC10
15F49688:
             0
                  0.15F7EC1C
                                 0
                                      0 15F7EC7C
                                                     0
15F496A8: 15F7EC88
                      0
                            0 15F7EC94
                                          0
                                                0 15F7ECA0
15F496C8:
             0 15F7ECAC
                            0
                                 0 15F7ECB8
                                                0
                                                      0 15F7ECC4
                  0 15F7ECD0
                                       0 15F7ECDC
15F496E8:
             0
                                 0
                                                      0
15F49708: 15F7ECE8
                            0 15F7ECF4
                                                0 15F7ED00
                      0
                                           0
15F49728:
             0 15F7ED18
                           0
                                 0 15F7ED24
                                                     0 15F7ED30
15F49748:
             0
                  0 15F7ED54
                                 0
                                      0 15F7ED60
                                                     0
                                                          0
15F49768: 15F7ED78
                      0
                            0.15F7ED84
                                          0
                                               0.15F7ED90
                                                              0
15F49788:
             0 15F7ED9C
                            0
                                 0 15F7EDB4
                                                0
                                                     0 15F7EDC0
15F497A8:
             0
                  0 15F7EDFC
                                 0
                                       0 15F7EE08
                                                     0
                                                          0
15F497C8: 15F7EE14
                      0
                            0 15F7EE20
                                               0 15F7EE2C
                                          0
                                                              0
15F497E8:
             0 15F7EE38
                            0
                                 0 15F7EE44
                                               0
                                                     0 15F7EE80
                                      0 15F7EEA4
15F49808:
             0
                  0 15F7EE8C
                                 0
                                                     0
                                                          0
15F49828: 15F7EEB0
                            0 15F7EEBC
                                                0 15F7EEC8
                                                               0
                      0
                                           0
15F49848:
             0 15F7EED4
                            0
                                 0 15F7EEE0
                                                0
                                                     0 15F7EF04
                                      0 15F7EF4C
15F49868:
             0
                  0 15F7EF34
                                0
                                                     0
                                                          0
                           0 15F7EF64
15F49888: 15F7EF58
                                               0 15F7EF70
                                                              0
                      0
                                          0
15F498A8:
             0 15F7EF7C
                                 0 15F7EF88
                                                     0 15F7EF94
                            0
                                               0
15F498C8:
             0
                  0 15F7EFA0
                                 0
                                      0 15F7EFAC
                                                     0
                                                           0
15F498E8: 15F7EFB8
                      0
                            0 15F7EFC4
                                           0
                                                0 15F7EFD0
                                                               0
                                                     0 15F7EFF4
15F49908:
             0.15F7EFDC
                            0
                                 0 15F7EFE8
                                                0
15F49928:
             0
                  0 15F7F000
                                0
                                     0 15F4AB40
                                                    0
                                                         0
15F49948: 15F4AB4C
                            0 15F4AB58
                                                0 15F4AB64
                      0
                                          0
15F49968:
             0 15F4ABD0
                            0
                                 0 15F4ABDC
                                                0
                                                      0 15F4ABF4
```

```
0 15F4AC00
15F499A8: 15F4AC60
                      0
                           0 15F4AC6C
                                          0
                                                0 15F4AC90
                                                               0
15F499C8:
             0 15F4AC9C
                            0
                                 0 15F4ACA8
                                                0
                                                     0 15F4ACB4
15F499E8:
                  0 15F4ACC0
                                      0 15F4ACCC
                                                           0
             0
                                 0
                                                      U
15F49A08: 15F4ACD8
                            0 15F4ACFC
                                                0 15F4AD08
                       0
                                           0
15F49A28:
             0 15F4AD74
                           0
                                 0 15F4AE04
                                               0
                                                    0 15F4AE64
15F49A48:
                  0 15F4AE70
                                      0 15F4AE7C
                                                     0
             0
                                 0
                                                          0
15F49A68: 15F4AED0
                       0
                            0 15F4AF18
                                          0
                                               0 15F4AF24
                                 0 15F4AF48
                                                    0 15F4AFA8
15F49A88:
             0 15F4AF3C
                            0
                                               0
15F49AA8:
             0
                  0 15F4B008
                                 0
                                      0 15F4B068
                                                    0
                                                         0
15F49AC8: 15F47E24
                      0
                           0 15F47E78
                                          0
                                               0 15F47E84
15F49AE8:
             0 15F47EA8
                                 0 15F47EB4
                                                     0 15F47EC0
15F49B08:
             0
                  0.15F48004
                                0
                                     0
                                           0
                                                0 FD0110DF
---- block18 ptr=195E6970 is malloc=1 length=0x100 ----
---- 1 interesting address for block: 195E6998
195E6930:
             0 44C3468 348068A 195E6970 195E68E4 80000010
                                                              1 D0D0D0D
             0 2782660 2D712B0
195E6950:
                                   0
                                        0
                                             0
                                                   0 FD0110DF
                                0 44C3468 348068A 195E69B8 195E693C 80000010
195E6970: AB1234CD FFFE0000
195E6990:
             1 D0D0D0D
                           0 2781190 2D75340
                                                  0
                                                       0
                                                            0
195E69B0:
             0 FD0110DF AB1234CD FFFE0000
                                               0 4481758 27C7FB1 195E6A38
195E69D0: 195E6984 8000002C
                               1 D0D0D0D 16C42360 158CD020 66917E0
195E69F0:
                  0
                       0
                            0
                                  0
                                       0
                                            0
                                                 0
195E6A10:
                                       0
                                                  0
                  0
                        n
                             1
                                  O
                                            0
             0
             0 FD0110DF AB1234CD FFFE0000
                                               0 4481758 27C7FB1 195E6AB8
195E6A30:
195E6A50: 195E69CC 8000002C
                                1 D0D0D0D 16C423F0 15C1DD20 66917E0
---- block19 ptr=18AE7818 is malloc=1 length=0x100 ----
---- 1 interesting address for block: 18AE7840
             0 44C3468 348068A 18AE7818 18AE779C 80000010
                                                               1 D0D0D0D
18AE77D8:
18AE77F8: 26F4400 3C92990
                                   0
                                                   0 FD0110DF
                              0
                                         0
                                              0
18AE7818: AB1234CD FFFE0000
                                0 44C3468 348068A 18AE7860 18AE77E4 80000010
                            0 277DB90 2D75A00
18AE7838:
             1 D0D0D0D
                                                   0
                                                        0
18AE7858:
             0 FD0110DF AB1234CD FFFE0000
                                               0 4481758 27C7FB1 18AE78E0
18AE7878: 18AE782C 8000002C
                                1 D0D0D0D 195DCA58 1586EFD8 66917E0
18AE7898:
                  0
                             0
                                  0
                                       0
                                            0
                                                 0
                        0
18AE78B8:
                             1
                                       0
                                            0
             0 FD0110DF AB1234CD FFFE0000
                                               0 4481758 27C7FB1 18AE7960
18AE78D8:
18AE78F8: 18AE7874 8000002C
                               1 D0D0D0D 195DCAE8 15BBFCE0 66917E0
---- block20 ptr=19FBEC88 is_malloc=1 length=0x100 ----
---- 1 interesting address for block: 19FBECB0
19FBFC48
             0 44C3468 348068A 19FBEC88 19FBEBAC 80000010
                                                                      0
                                                   0 FD0110DF
19FBEC68: 26F40F0 3C98F00
                               0
                                    0
                                         0
                                              0
19FBEC88: AB1234CD FFFE0000
                                 0 44C3468 348068A 19FBECD0 19FBEC54 80000010
19FBECA8:
                        0 277C910 2D71880
                   0
                                                         0
              1
                                              0
                                                    0
                                                0 141C99F0 347FDCF 19FBF4D0
              0 FD0110DF AB1234CD FFFE0000
19FBECC8:
19FBECE8: 19FBEC9C 800003EC
                                           0 17F2A6E8 163803C8
                                 1
                                      0
19FBED08: 141C9998
                                       С
                                             С
                       0
                                 75
                                                  0
                                                        0
                           64
19FBED28:
                             3 4E22720
             O
                        8
                                           U
                                                0
19FBED48:
             0
                   0 52656720 46756E63 74696F6E 20313200 19FBEF48 19FBF4C4
                        0 19FBEF48 19FBEF54 19FBEF60 19FBEF6C 19FBEF78
19FBED68:
             0
                   0
---- block21 ptr=164705C0 is malloc=1 length=0x800 ----
---- 1 interesting address for block: 16470BA4
16470580: 1646FE98 1646FEF8 1646FF58 1646FFB8 16470018 16470078 164700D8 16470138
164705A0: 16470198 164701F8 16470258 164702B8 16470318 16470378 164703D8 FD0110DF
```

0

0 15F4AC3C

0

0

15F49988:

```
164705C0: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 16470DC0 1647045C 800003EC
164705E0:
             1
                  0
                       0 163C3310 165C8458
                                                0 141CA7A0
                                                              0
                  75
                        C
                                              0
16470600:
            64
                              С
                                   0
                                         0
                                                    0
                  3 4E22720
                                0
                                     0
                                          0
                                                0
16470620:
             8
                                                     0
16470640: 52656720 46756E63 74696F6E 204C6900 16470838 16470DB4
             0 16470838 16470844 16470850 1647085C 16470868 16470874 16470880
16470680: 1647088C 16470898 164708A4 164708B0 164708BC 164708C8 164708D4 164708E0
164706A0: 164708EC 164708F8 16470904 16470910 1647091C 16470928 16470934 16470940
164706C0: 1647094C 16470958 16470964 16470970 1647097C 16470988 16470994 164709A0
164706E0: 164709AC 164709B8 164709C4 164709D0 164709DC 164709E8 164709F4 16470A00
16470700: 16470A0C 16470A18 16470A24 16470A30 16470A3C 16470A48 16470A54 16470A60
16470720: 16470A6C 16470A78 16470A84 16470A90 16470A9C 16470AA8 16470AB4 16470AC0
16470740: 16470ACC 16470AD8 16470AE4 16470AF0 16470AFC 16470B08 16470B14 16470B20
16470760: 16470B2C 16470B38 16470B44 16470B50 16470B5C 16470B68 16470B74 16470B80
16470780: 16470B8C 16470B98 16470BA4 16470BB0 16470BBC 16470BC8 16470BD4 16470BE0
164707A0: 16470BEC 16470BF8 16470C04 16470C10 16470C1C 16470C28 16470C34 16470C40
164707C0: 16470C4C 16470C58 16470C64 16470C70 16470C7C 16470C88 16470C94 16470CA0
164707E0: 16470CAC 16470CB8 16470CC4 16470CD0 16470CDC 16470CE8 16470CF4 16470D00
16470800: 16470D0C 16470D18 16470D24 16470D30 16470D3C 16470D48 16470D54 16470D60
16470820: 16470D6C 16470D78 16470D84 16470D90 16470D9C 16470DA8 165A1894
                                                     0 165A18DC
16470840:
             0 165A18B8
                           0
                                 0 165A18D0
                                               0
                                      0 165A1918
16470860:
             0
                  0 165A18F4
                                0
                                                     0
                                                          0
16470880: 165A196C
                           0 165A1990
                                               0 165A19C0
                                                              0
                      0
                                          0
             0 165A19D8
                                 0 165A19E4
                                                     0 165A1A20
164708A0:
                            0
                                                0
                                       0 165A1B1C
164708C0:
             0
                  0 165A1ABC
                                 0
                                                      0
164708E0: 165A1C18
                      0
                            0 165A1C60
                                          0
                                                0 165A1C6C
                                                               0
             0 165A1C78
                                 0 165A1CE4
                                                     0 165A1CF0
16470900:
                           0
                                                0
                                      0 165A1D08
16470920:
             0
                  0 165A1CFC
                                 0
                                                     0
                                                           0
                                                0 165A1D2C
16470940: 165A1D14
                      0
                           0 165A1D20
                                          0
16470960:
             0 165A1D44
                           0
                                 0 165A1D50
                                                0
                                                     0 16582DEC
16470980:
                  0 16582E10
                                0
                                      0 16582E1C
164709A0: 16582E34
                      0
                           0 16582E58
                                          0
                                               0 16582E64
                                                              0
164709C0:
             0 16582EB8
                            0
                                 0 16582EF4
                                                0
                                                     0 16582F00
164709E0:
                  0 16582F9C
                                      0 16582FA8
             0
                                 0
                                                     0
                                                          0
16470A00: 16582FFC
                      0
                            0 16583158
                                          0
                                               0 16583194
16470A20:
             0 165831B8
                           0
                                 0 16583218
                                               0
                                                    0 16583224
16470A40:
             0
                  0 16583230
                                0
                                      0 16583260
                                                    0
                                                         0
16470A60: 16583284
                      0
                           0 1658329C
                                               0 165832A8
                                          0
16470A80:
             0 16583320
                           0
                                0 1650F4BC
                                               0
                                                     0 1650F504
16470AA0:
                  0 1650F5C4
                                      0 1650F5E8
             0
                                 0
                                                     0
                                                          0
16470AC0: 1650F60C
                       0
                            0 1650F63C
                                          0
                                                0 1650F648
16470AE0:
             0 1650F678
                           0
                                 0 1650F69C
                                                0
                                                     0 1650F744
                  0 1650F750
                                      0 1650F75C
16470B00:
                                0
                                                          0
             0
                                                     0
16470B20: 1650F768
                           0 1650F7A4
                                          0
                                               0 1650F7F8
                                                              0
                      0
16470B40:
             0 1650F804
                           0
                                0 1650F864
                                               0
                                                    0 1650F8DC
16470B60:
                  0 1650FA08
                                      0 164D2A90
                                 0
                                                     0
                                                          0
16470B80: 164D2AA8
                            0 164D2ACC
                                                 0 164D2AFC
                       0
                                           0
                                                                0
16470BA0:
             0 164D2D18
                            0
                                 0 164D2D90
                                                0
                                                      0 164D2DC0
16470BC0:
             0
                  0 164D2DCC
                                  0
                                       0 164D2DE4
                                                      0
                                                            0
16470BE0: 164D2DF0
                       0
                            0 164D2DFC
                                                 0 164D2E08
                                                                0
16470C00:
             0 16475E20
                           0
                                 0 16475E2C
                                                0
                                                     0 16475E38
                  0 16475E44
                                 0
                                      0 16475E5C
16470C20:
             0
                                                     0
16470C40: 16475E68
                      0
                           0 16475EB0
                                          0
                                                0 16475EC8
                                                              0
```

```
16470C60:
             0 16475F40
                           0
                                0 1647603C
                                               0
                                                    0 16476054
16470C80:
             0
                  0 164760E4
                                0
                                      0 164760F0
                                                    0
                                                         0
16470CA0: 16476138
                      0
                           0 1642E60C
                                          0
                                               0 1642E648
                                                             0
16470CC0:
             0 1642E654
                                 0 1642E6A8
                                                    0 1642E6F0
                           0
                                               0
16470CE0:
                  0 1642E6FC
                                 0
                                      0 1642E708
                                                    0
             0
                                                          0
16470D00: 1642E714
                      0
                           0 1642E720
                                         0
                                               0 1642E72C
                                                             0
16470D20:
             0 1642E750
                                0 1642E780
                                                    0 1642E78C
                           0
                                               0
16470D40:
             0
                  0 1642E798
                                0
                                      0 1642E7C8
                                                    0
16470D60: 1642E870
                           0 1642E87C
                      0
                                          0
                                               0 1642E888
                                                             0
             0 1642E8DC
                                 0 1642E8F4
16470D80:
                            0
                                               0
                                                     0 1642E918
16470DA0:
                  0 1642E924
                                0
                                      0
                                           0
                                                0 FD0110DF
---- block22 ptr=164EA008 is malloc=1 length=0x100 ----
---- 2 interesting addresses for block: 164EA030 164EA098
164E9FC8:
             0 44CE8FC 1D2E188 164EA008 164E9F8C 80000010
164E9FE8:
                                       0
                                            0 FD0110DF
                  0
                       0
                            0
                                  0
164EA008: AB1234CD FFFE0000
                                0 44C3468 348068A 164EA070 164E9FD4 80000020
164EA028:
             1
                  0
                       0
                            0
                                  0
                                       0
                                            0 259AE00
164EA048: 265BA20
                      0
                           0
                                0
                                           0
                                                0
                                                     0
                                     0
                                               0 44C3468 348068A 164EA0D8
164EA068:
             0 FD0110DF AB1234CD FFFE0000
164EA088: 164EA01C 80000020
                                     0
                                          0
                                               0
                                                    0
                                                         0
                               1
164EA0A8:
             0 259AD10 265B830
                                    0
                                         0
                                              0
                                                   0
                                                         0
164EA0C8:
                  0
                        0 FD0110DF AB1234CD FFFE0000
                                                          0 43A3660
164EA0E8: 164A0E0 164EA508 164EA084 80000204
                                                      0
                                                 1
                                                            n
                                                                 0
---- block23 ptr=163C32E8 is malloc=1 length=0x800 ----
---- 1 interesting address for block: 163C3590
163C32A8: 2ED0A50
                           0 2ECF4F0
                                               0 2ECF360
                      0
                                         0
                                                             0
163C32C8:
             0 2ECE5E0
                                 0 2ECDD50
                                               0
                                                     0 FD0110DF
                            0
163C32E8: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 163C3AE8 163C2AFC 800003EC
                  0
                       0 1632B558 164705E8
                                               0 141CA7A0
163C3308:
             1
                                                             0
163C3328:
            64
                  75
                        С
                              С
                                   0
                                         0
                                              0
                                                   0
                  3 4E22720
163C3348:
                                0
                                          0
163C3368: 52656720 46756E63 74696F6E 204C6900 163C3560 163C3ADC
             0 163C3560 163C356C 163C3578 163C3584 163C3590 163C359C 163C35A8
163C33A8: 163C35B4 163C35C0 163C35CC 163C35D8 163C35E4 163C35F0 163C35FC 163C3608
163C33C8: 163C3614 163C3620 163C362C 163C3638 163C3644 163C3650 163C365C 163C3668
163C33E8: 163C3674 163C3680 163C368C 163C3698 163C36A4 163C36B0 163C36BC 163C36C8
163C3408: 163C36D4 163C36E0 163C36EC 163C36F8 163C3704 163C3710 163C371C 163C3728
163C3428: 163C3734 163C3740 163C374C 163C3758 163C3764 163C3770 163C377C 163C3788
163C3448: 163C3794 163C37A0 163C37AC 163C37B8 163C37C4 163C37D0 163C37DC 163C37E8
163C3468: 163C37F4 163C3800 163C380C 163C3818 163C3824 163C3830 163C383C 163C3848
163C3488: 163C3854 163C3860 163C386C 163C3878 163C3884 163C3890 163C389C 163C38A8
163C34A8: 163C38B4 163C38C0 163C38CC 163C38D8 163C38E4 163C38F0 163C38FC 163C3908
163C34C8: 163C3914 163C3920 163C392C 163C3938 163C3944 163C3950 163C395C 163C3968
163C34E8: 163C3974 163C3980 163C398C 163C3998 163C39A4 163C39B0 163C39BC 163C39C8
163C3508: 163C39D4 163C39E0 163C39EC 163C39F8 163C3A04 163C3A10 163C3A1C 163C3A28
163C3528: 163C3A34 163C3A40 163C3A4C 163C3A58 163C3A64 163C3A70 163C3A7C 163C3A88
163C3548: 163C3A94 163C3AA0 163C3AAC 163C3AB8 163C3AC4 163C3AD0 1642E930
163C3568:
             0 1642E93C
                           0
                                 0 1642E948
                                                    0 1642E954
                                               0
                  0 1642E984
                                0
163C3588:
             0
                                      0 1642E9A8
                                                    0
                                                         0
                                               0 1642E9E4
163C35A8: 1642E9B4
                      0
                           0 1642E9C0
                                          0
                                 0 1642E9FC
163C35C8:
             0 1642E9F0
                           0
                                               0
                                                     0 1642EA20
163C35E8:
                  0 1642EA38
                                 0
                                      0 1642EA44
                                                    0
             0
163C3608: 1642EA50
                      0
                           0 1642EA5C
                                          0
                                               0 1642EA68
                                                              0
```

```
163C3648:
             0
                  0 1642175C
                                 0
                                      0 16421774
                                                    0
                                                         0
                           0 164217A4
163C3668: 16421780
                      0
                                         0
                                               0 164217E0
                                                             0
163C3688:
             0 164217EC
                                 0 1642190C
                                                     0 16421960
                           0
                                               0
163C36A8:
                  0 164219FC
                                 0
                                      0 16421A2C
             0
                                                     0
                                               0 16421A74
163C36C8: 16421A38
                      0
                            0 16421A44
                                          0
                                                              0
163C36E8:
             0 16421A80
                                 0 16421A8C
                                                     0 16421A98
                           0
                                                0
163C3708:
             0
                  0 16421AA4
                                 0
                                      0 16421AB0
                                                     0
163C3728: 16421ABC
                            0 16421AD4
                       0
                                          0
                                                0 16421AE0
                                                              0
163C3748:
             0 16421AEC
                            0
                                 0 16421AF8
                                                0
                                                     0 16421B04
163C3768:
             0
                  0 16421B10
                                 0
                                      0 16421B1C
                                                     0
163C3788: 16421B28
                      0
                           0 16421B34
                                          0
                                               0 16421B40
                                                              0
163C37A8:
             0 16421B4C
                            0
                                 0 16421B58
                                                0
                                                     0 16421B64
163C37C8:
                  0 16421B88
                                 0
                                      0 16421BA0
                                                     0
                            0 16421BB8
163C37E8: 16421BAC
                       0
                                           0
                                                0 16421BC4
                                                               0
163C3808:
             0 16421BD0
                            0
                                 0 16421BDC
                                                0
                                                     0 16421C00
163C3828:
             0
                  0.16421C54
                                 0
                                      0 163C2D84
                                                     0
                                                          0
163C3848: 163C2D90
                       0
                            0 163C2DA8
                                           0
                                                0 163C2DB4
                                                               0
163C3868:
             0 163C2DCC
                                  0 163C2DD8
                                                 0
                                                      0 163C2E08
                            0
163C3888:
                  0 163C2E14
                                      0 163C2E20
                                                     0
             0
                                 0
                                                          Λ
163C38A8: 163C2E2C
                       0
                            0 163C2E38
                                           0
                                                0 163C2E44
                                                               0
163C38C8:
             0 163C2E5C
                                 0 163C2E74
                                                0
                                                     0 163C2E8C
                            0
163C38E8:
                  0 163C2E98
                                 0
                                      0 163C2EA4
                                                     0
                                                           0
                            0 163C2ED4
                                                0 163C2EE0
163C3908: 163C2EB0
                       0
                                           0
                                                               0
163C3928:
             0 163C2EEC
                            0
                                 0 163C2EF8
                                                0
                                                     0 163C2F04
                                      0 163C2F4C
163C3948:
             0
                  0 163C2F40
                                 0
                                                     0
                                                          0
163C3968: 163C2F58
                           0 163C2F64
                                               0 163C2F70
                      0
                                          0
163C3988:
             0 163C2F7C
                                 0 163C2F88
                                                     0 163C2F94
                            0
                                                0
                  0 163C3000
163C39A8:
             0
                                 0
                                      0 163C300C
                                                     0
                                                          0
163C39C8: 163C30FC
                       0
                            0 163C3114
                                           0
                                                0 163C312C
163C39E8:
             0 163C3138
                            0
                                 0 163C3144
                                               0
                                                     0 163C3150
163C3A08:
             0
                  0 163C315C
                                 0
                                      0 163C3168
                                                     0
                                                          0
163C3A28: 163C3174
                            0 163C3180
                                               0 163C318C
                      0
                                          0
163C3A48:
             0 163C31B0
                                 0 163C31F8
                                                0
                                                     0 163C3204
                            0
163C3A68:
             0
                  0 163C3210
                                 0
                                      0 163C321C
                                                     0
                                                          0
                            0 163C3234
                                               0 163C3240
163C3A88: 163C3228
                      0
                                          0
163C3AA8:
             0 163C324C
                            0
                                 0 163C3258
                                                0
                                                     0 163C3264
163C3AC8:
             0
                   0 163C3270
                                 0
                                      0
                                            0
                                                 0 FD0110DF
---- block24 ptr=1632B530 is_malloc=1 length=0x800 ----
---- 1 interesting address for block: 1632BD00
1632B4F0: BEEFBACC D0D0D0D D0D0D0D D0D0D0D 1A0DDCC8 180AB6A0 D0D0D0D D0D0D0D
1632B510: D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D
1632B530: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 1632BD30 1632B49C 800003EC
                       0 16010E40 163C3310
                                               0 141CA7A0
1632B550:
             1
                  0
                                                              0
1632B570:
                  75
                        С
                              С
                                   0
                                         0
                                              0
                                                   0
            64
                  3 4E22720
                                0
                                          0
1632B590:
             8
                                     0
1632B5B0: 52656720 46756E63 74696F6E 204C6900 1632B7A8 1632BD24
1632B5D0:
             0 1632B7A8 1632B7B4 1632B7C0 1632B7CC 1632B7D8 1632B7E4 1632B7F0
1632B5F0: 1632B7FC 1632B808 1632B814 1632B820 1632B82C 1632B838 1632B844 1632B850
1632B610: 1632B85C 1632B868 1632B874 1632B880 1632B88C 1632B898 1632B8A4 1632B8B0
1632B630: 1632B8BC 1632B8C8 1632B8D4 1632B8E0 1632B8EC 1632B8F8 1632B904 1632B910
1632B650: 1632B91C 1632B928 1632B934 1632B940 1632B94C 1632B958 1632B964 1632B970
1632B670: 1632B97C 1632B988 1632B994 1632B9A0 1632B9AC 1632B9B8 1632B9C4 1632B9D0
```

0 1642EA74

0

0 16421714

0

0 16421744

163C3628:

```
1632B690: 1632B9DC 1632B9E8 1632B9F4 1632BA00 1632BA0C 1632BA18 1632BA24 1632BA30
1632B6B0: 1632BA3C 1632BA48 1632BA54 1632BA60 1632BA6C 1632BA78 1632BA84 1632BA90
1632B6D0: 1632BA9C 1632BAA8 1632BAB4 1632BAC0 1632BACC 1632BAD8 1632BAE4 1632BAF0
1632B6F0: 1632BAFC 1632BB08 1632BB14 1632BB20 1632BB2C 1632BB38 1632BB44 1632BB50
1632B710: 1632BB5C 1632BB68 1632BB74 1632BB80 1632BB8C 1632BB98 1632BBA4 1632BBB0
1632B730: 1632BBBC 1632BBC8 1632BBD4 1632BBE0 1632BBEC 1632BBF8 1632BC04 1632BC10
1632B750: 1632BC1C 1632BC28 1632BC34 1632BC40 1632BC4C 1632BC58 1632BC64 1632BC70
1632B770: 1632BC7C 1632BC88 1632BC94 1632BCA0 1632BCAC 1632BCB8 1632BCC4 1632BCD0
1632B790: 1632BCDC 1632BCE8 1632BCF4 1632BD00 1632BD0C 1632BD18 163C327C
                                 0 163C3294
1632B7B0:
             0 163C3288
                            0
                                                0
                                                     0 163C32A0
1632B7D0:
             0
                  0 163C32AC
                                  0
                                       0 163C32B8
                                                      0
                                                           0
1632B7F0: 163C32C4
                       0
                            0 163C32D0
                                           0
                                                0 16380618
                                                               0
1632B810:
             0 16380624
                           0
                                 0 16380630
                                               0
                                                    0 1638063C
                  0 16380648
                                 0
                                      0 16380654
                                                    0
                                                          0
1632B830:
             n
1632B850: 16380660
                      0
                           0 1638066C
                                          0
                                               0 16380678
                                                              0
1632B870:
             0 16380684
                           0
                                 0 16380690
                                               0
                                                    0 1638069C
1632B890:
             0
                  0 163806A8
                                 0
                                      0 163806B4
                                                     0
                                                          0
1632B8B0: 163806C0
                      0
                            0 163806CC
                                           0
                                                0 163806D8
                                                               0
1632B8D0:
             0 163806E4
                            0
                                 0 163806F0
                                               0
                                                     0 16380714
1632B8F0:
                  0 16380720
                                      0 163807E0
                                                          0
             Λ
                                 Λ
                                                     n
1632B910: 1638081C
                      0
                            0 16380834
                                          0
                                               0 1638084C
                                                              0
             0 16380864
                           0
                                 0 16380870
                                               0
                                                    0 1638087C
1632B930:
1632B950:
                  0 16380894
                                 0
                                      0 163808A0
                                                    0
                                                          0
             0
                            0 163808B8
1632B970: 163808AC
                                                0 163808D0
                      0
                                          0
                                                              0
             0 163808DC
1632B990:
                            0
                                 0 163808F4
                                                0
                                                     0 16380900
1632B9B0:
             0
                  0 16380948
                                 0
                                      0 163809E4
                                                     0
                                                          0
1632B9D0: 16380A38
                            0 16380A50
                      0
                                          0
                                                0 16380A68
1632B9F0:
             0 16380A74
                            0
                                 0 16380A80
                                               0
                                                     0 16380AA4
1632BA10:
             0
                  0 16380AB0
                                 0
                                      0 16380ABC
                                                      0
                                                           0
1632BA30: 16380AC8
                       0
                            0 16380AD4
                                           0
                                                0 16380AF8
1632BA50:
             0 16380B34
                                 0 16380B40
                                               0
                                                     0 16352638
1632BA70:
             0
                  0 16352644
                                 0
                                      0 16352668
                                                     0
                                                          0
                            0 1635268C
                                               0 163526F8
1632BA90: 16352674
                      0
                                          0
                                                              0
             0 16352704
                                 0 16352758
                                               0
                                                     0 16352764
1632BAB0:
                            0
1632BAD0:
             0
                   0 163527D0
                                 0
                                       0 163527DC
                                                      0
                                                           0
1632BAF0: 163527E8
                      0
                            0 163527F4
                                          0
                                               0 16352800
                                                              0
1632BB10:
             0.1635286C
                            0
                                 0 163528A8
                                                0
                                                     0 163528B4
1632BB30:
             0
                  0 16352980
                                 0
                                      0 1635298C
                                                     n
                                                          0
1632BB50: 16352998
                      0
                           0 163529EC
                                          0
                                                0 163529F8
                                                              0
1632BB70:
             0 16352A04
                            0
                                 0 16352A28
                                               0
                                                     0 16352A64
                                      0 16352AA0
1632BB90:
             0
                  0 16352A94
                                 0
                                                     0
                                                          0
1632BBB0: 16352AC4
                       0
                            0 16352ADC
                                           0
                                                 0 16352B18
                                                               0
             0 16352B3C
                                  0 16352B48
                                                     0 16352B54
1632BBD0:
                            0
                                                0
1632BBF0:
             0
                  0 16352B60
                                 0
                                      0 16352B6C
                                                     0
                                                          0
1632BC10: 16352B78
                      0
                            0 16352B9C
                                           0
                                                0 16063F68
                                                              0
                                 0 16063F98
                                                     0 16063FC8
1632BC30:
             0 16063F74
                            0
                                               0
1632BC50:
             0
                  0 1606401C
                                 0
                                       0 16064028
                                                     0
                                                          0
1632BC70: 16064034
                      0
                            0 16064040
                                          0
                                               0 160640A0
1632BC90:
             0 160640AC
                            0
                                 0 160640B8
                                                0
                                                     0 160640E8
1632BCB0:
             0
                   0 16064160
                                 0
                                      0 1606416C
                                                     0
                                                          0
1632BCD0: 16064178
                      0
                            0 16064184
                                          0
                                                0 16064190
                                                              0
1632BCF0:
             0 160641B4
                            0
                                 0 160641C0
                                                0
                                                     0 160641CC
1632BD10:
                  0 160641E4
                                 0
                                      0
                                            0
                                                 0 FD0110DF
```

```
---- block25 ptr=49F81C0 is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 49F81C0
49F8180: 6E6D656E 74207265 71756573 74000000 496E7465 72727570 74206C65 76656C20
49F81A0: 616C6C6F 63617469 6F6E0000 4E6F2041 6C746572 6E617465 20706F6F 6C000000
49F81C0: 28667261 676D656E 74290000 6D616C6C 6F635F7A 65726F00 6D656D5F 6C6F636B
                                     0 646F6D5F 6964203C 204D4158 5F494F53
49F81E0:
             0 446F6D61 696E2030
49F8200: 5F444F4D 41494E53
                                0 28636F61 6C657363 65642900 A253038 783A0000
49F8220: A252D38 753A0000 46726565 20526567 696F6E20 4C697374
                                                                     0 52656769
49F8240: 6F6E204C 69737400 73686F77 206D656D 6F727920 73756D6D 61727900 2573206D
49F8260: 656D706F 6F6C2073 656D6170 686F7265
                                                   0 42535320 72656769 6F6E0000
49F8280: 44415441 20726567 696F6E00 4D455453 20526563 6F726400 4D656D6F 7279206C
49F82A0: 65616B20 616E616C 79736973 20646973 61626C65 640A0000 25702020 25702020
---- block26 ptr=40F7274 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 40F7274
40F7234: 5075626C 69632050 6F6F6C73
                                         0 50726976 61746520 506F6F6C 73000000
40F7254: 48656164 65722050 6F6F6C73
                                         0 2A506163 6B657420 48656164 65722A00
40F7274: 2A506163 6B657420 44617461 2A000000 7365713A 20636100 716F735F 70726563
40F7294: 6C617373 69667900 70616B5F 72656769 73747279
                                                           0 70616B5F 73756262
40F72B4: 6C6F636B
                       0 70616B20 73756262 6C6F636B 20636875 6E6B0000 70616B5F
40F72D4: 73756262 6C6F636B 5F696F73
                                         0 436C6F6E 65730000 5075626C 69632050
40F72F4: 61727469 636C6520 506F6F6C 73000000 50726976 61746520 50617274 69636C65
40F7314: 20506F6F 6C730000 64657165 75657565
                                                  0 72657470 61727469 636C6500
40F7334: 67657470 61727469 636C6500 A537461 74697374 69637320 666F7220 74686520
40F7354: 25732070 6F6F6C0A
                                0 4572726F 72210000 2A446561 642A0000 54756E69
---- block27 ptr=6D0DB78 is_malloc=1 length=0x140 ----
---- 1 interesting address for block: 6D0DB78
6D0DB38:
             0
                   0
                        0
                              0
                                                   0
                                   0
                                        0
6D0DB58:
                   0
                        0
                              0
                                   0
                                        0
                                              0 FD0110DF
             0
6D0DB78: AB1234CD FFFE0000
                                 0 40F7274 7A9B9F 6D0DCB8 6D0DA4C 8000008C
6D0DB98:
             1
                   0 AFACEFAD
                                   0
                                        0
                                              0
                                                   0
                                                         0
6D0DBB8:
                        0
                                         0
                                              0
                                                    0
6D0DBD8:
                         0
                              1 80C20000 CAC9A 5B8F0A00 26424203
6D0DBF8:
             0 180010C AC9A5B8F
                                      0 80010C AC9A5B8F 800B00 140002
6D0DC18: F0000
                     0
                          0
                                     0
                                           0
                                                0
                                0
                                                      0
6D0DC38:
             0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
6D0DC58:
             0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
6D0DC78:
             0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
6D0DC98:
             0
                   0
                        0
                              0
                                   0
                                        0
                                              0 FD0110DF
---- block28 ptr=26424200 is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 26424203
                   0
                                                   0
264241C0:
             0
                        0
                              0
                                   0
                                        0
                                              0
                                   0
                                        0
                                              0
                                                   0
264241E0:
             0
                   0
                        0
                             0
                                   0
26424200:
             0
                  0
                        0
                             0
                                        0
                                             0
                                                   0
26424220:
             0
                  0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
26424240:
             0
                  0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
26424260:
                  0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
             0
26424280:
             0
                  0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
                             0
                                                   0
264242A0:
             0
                   0
                        0
                                   0
                                        0
                                              0
                              0
                                                   0
264242C0:
             0
                   0
                        0
                                   0
                                        0
                                              0
264242E0:
                   0
                        0
                              0
                                   0
                                              0
                                                   0
---- block29 ptr=49F75E0 is_malloc=0 length=0x118 ----
```

<sup>----- 2</sup> interesting addresses for block: 49F75F8 49F75E0 49F75A0: 69737472 79207374 61746973 74696373 3A000000 A257320 2D207265 675F7469

```
49F75C0: 6D5F6473 20697320 4E554C4C 21000000 52656720 46756E63 74696F6E 20313200
49F75E0: 52656720 46756E63 74696F6E 20536571 204C6973 74000000 52656720 46756E63
49F7600: 74696F6E 204C6973 742F4C6F 6F700000 52656720 46756E63 74696F6E 20694C69
49F7620: 73740000 52656720 46756E63 74696F6E 20536571 75656E63 6520694C 69737400
49F7640: 52656720 46756E63 74696F6E 20436173 656C6973 74000000 5365714C 69737400
49F7660: 494C6973 74000000 53657149 4C697374
                                               0 53747562 5F63686B
49F7680: 52657476 616C0000 43617365 6C697374
                                               0 43617365 6C6F6F70
                                                                       0
49F76A0: 49646253 74756200 49646253 7475625F 63686B00 4964626C 69737400 4964626C
49F76C0: 6F6F7000 5069646C 69737400 46617374 63617365
                                                         0 46617374 73747562
49F76E0:
            0 A526567 69737472 793A2025 730A0000 252D3131
---- block30 ptr=141CAF78 is_malloc=1 length=0x800 ----
---- 2 interesting addresses for block: 141CAF78 141CAFA0
141CAF38:
             0 141CA110
                           0
                                0 141CA11C
                                               0
                                                    0 141CA128
141CAF58:
                  0 141CA134
                                                0 FD0110DF
                                0
                                     0
                                           0
                                0 49F7610 3483D91 141CB778 141CA78C 800003EC
141CAF78: AB1234CD FFFE0000
141CAF98:
             1
                  0 141CB7A0
                                 0
                                      0
                                           0
                                                0
                                                     0
141CAFB8:
            5A
                  5E
                        10
                              10
                                    24
                                         3A
                                               3A
                                                     24
141CAFD8:
             0
                  1 4E22720
                                0
                                     0
                                          0
                                               0
                                                     0
141CAFF8: 52656720 46756E63 74696F6E 20694C00 141CB194 141CB774
             0 141CB194 141CB1A4 141CB1B4 141CB1C4 141CB1D4 141CB1E4 141CB1F4
141CB018:
141CB038: 141CB204 141CB214 141CB224 141CB234 141CB244 141CB254 141CB264 141CB274
141CB058: 141CB284 141CB294 141CB2A4 141CB2B4 141CB2C4 141CB2D4 141CB2E4 141CB2F4
141CB078: 141CB304 141CB314 141CB324 141CB334 141CB344 141CB354 141CB364 141CB374
141CB098: 141CB384 141CB394 141CB3A4 141CB3B4 141CB3C4 141CB3D4 141CB3E4 141CB3F4
141CB0B8: 141CB404 141CB414 141CB424 141CB434 141CB444 141CB454 141CB464 141CB474
141CB0D8: 141CB484 141CB494 141CB4A4 141CB4B4 141CB4C4 141CB4D4 141CB4E4 141CB4F4
141CB0F8: 141CB504 141CB514 141CB524 141CB534 141CB544 141CB554 141CB564 141CB574
141CB118: 141CB584 141CB594 141CB5A4 141CB5B4 141CB5C4 141CB5D4 141CB5E4 141CB5F4
141CB138: 141CB604 141CB614 141CB624 141CB634 141CB644 141CB654 141CB664 141CB674
141CB158: 141CB684 141CB694 141CB6A4 141CB6B4 141CB6C4 141CB6D4 141CB6E4 141CB6F4
141CB178: 141CB704 141CB714 141CB724 141CB734 141CB744 141CB754 141CB764 EF4321CD
141CB198:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB1B8:
                  0
                       0 EF4321CD
                                           0
                                                0 EF4321CD
             0
                                      0
141CB1D8:
                       0 EF4321CD
                                           0
                                                0 EF4321CD
             0
                  0
                                      0
141CB1F8:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB218:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB238:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB258:
                  0
                       0 EF4321CD
                                           0
                                                0 EF4321CD
             0
                                      0
141CB278:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB298:
             0
                  0
                       0 EF4321CD
                                           0
                                                0 EF4321CD
                                      0
                                           0
141CB2B8:
             0
                  0
                       0 EF4321CD
                                      0
                                                0 EF4321CD
141CB2D8:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0 EF4321CD
141CB2F8:
                                           0
                  0
                       0 EF4321CD
                                      0
                                                0 EF4321CD
             0
                                                0 EF4321CD
141CB318:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                           0
141CB338:
             0
                  0
                       0 EF4321CD
                                      0
                                                0 EF4321CD
141CB358:
                  0
                       0 EF4321CD
                                           0
                                                0 EF4321CD
             0
                                      0
141CB378:
                  0
                                           0
                                                0 EF4321CD
             0
                       0 EF4321CD
                                      0
                  0
                                           0
141CB398:
             0
                       0 EF4321CD
                                      0
                                                0 EF4321CD
141CB3B8:
             0
                  0
                       0 EF4321CD
                                      0
                                           0
                                                0
                                                      0
                                                                     0
141CB3D8: 141CB3E4 21E50C0
                               0 141CB3D4 141CB424 10F0220
141CB3F8: 141CB404 3BC17A0
                               0 141CB3F4 141CB464 13CDF10
                                                                0
                                                                     0
141CB418: 141CB444 1E2A710
                               0 141CB3E4 141CB434 31F92E0
                                                               0 141CB424
141CB438: 141CB454 C5D470
                              0 141CB414 141CB484 34EC240
                                                               0 141CB434
```

```
141CB478: 141CB4A4 2FA2E10
                               0 141CB444 141CB4C4 2D5C000
                                                               0 141CB464
141CB498: 141CB4E4 27D0B40
                               0 141CB474 141CB4B4 25B98E0
                                                               0 141CB4A4
                               0 141CB484 141CB4D4 1E64DB0
141CB4B8: 141CB534 1FAAC40
                                                               0 141CB4C4
141CB4D8: 141CB4F4 2184440
                              0 141CB494 141CB504 1B54630
                                                              0 141CB4D4
141CB4F8: 141CB514 2466C40
                              0 141CB4E4 141CB584 215A660
                                                              0 141CB4F4
141CB518: 141CB524 2609450
                              0 141CB514 141CB554 1BB71D0
                                                              0 141CB4B4
141CB538: 141CB544 1DC120
                              0 141CB534 141CB5A4 32AA810
                                                              0 141CB524
141CB558: 141CB564 AF4B20
                              0 141CB554 141CB574 25B1090
                                                              0 141CB564
141CB578: 141CB5D4 3BF2BC0
                               0 141CB504 141CB594 22A88C0
                                                               0 141CB584
141CB598: 141CB6A4 22DB3A0
                               0 141CB544 141CB5B4 1FC6900
                                                               0 141CB5A4
                               0 141CB5B4 141CB604 1C2EF30
141CB5B8: 141CB5C4 1FB3C10
                                                               0 141CB574
141CB5D8: 141CB5E4 1B89AA0
                               0 141CB5D4 141CB5F4 D03800
                                                               0 141CB5E4
141CB5F8: 141CB694 367770
                              0 141CB5C4 141CB6D4 8EB010
                                                             0
                                                                  0
141CB618: 141CB644 1780270
                                        0 1771DF0
                              0
                                   0
                                                      0
                                                           0
141CB638: 141CB654 1771DD0
                               0 141CB614 141CB664 1771DB0
                                                              0 141CB634
141CB658:
            0 17596D0
                          0 141CB644 141CB674 17596B0
                                                          0 141CB664
141CB678:
             0 1757050
                          0
                               0
                                    0 11AE230
                                                  0 141CB5F4
141CB698: 141CB6B4 8F0C20
                              0 141CB594 141CB6C4 341C480
                                                              0 141CB694
             0 2E3CCA0
                           0 141CB6A4 141CB6E4 1C334D0
                                                            0 141CB604
141CB6B8:
141CB6D8: 141CB714 19228C0
                               0 141CB6C4 141CB6F4 1DCF2E0
                                                               0 141CB6E4
141CB6F8: 141CB704 1DCF220
                               0 141CB6F4 141CB724 1DD4CC0
                                                               0 141CB6D4
                           0 141CB704 141CB734 7AB620
141CB718:
            0 1DDB790
                                                          0 141CB724
141CB738: 141CB744 7B00E0
                              0 141CB734 141CB754 7FD5D0
                                                             0 141CB744
141CB758: 141CB764 7ACF30
                              0 141CB754
                                            0 34B5630
                                                          0 FD0110DF
---- block31 ptr=167CFEE8 is malloc=1 length=0x800 ----
---- 1 interesting address for block: 167CFF10
             0 44CE8FC 1D2E188 167CFEE8 167CFE04 80000010
167CFEA8:
                                                               1 39F2AEC
                       0
167CFEC8:
             0
                  0
                            0
                                 0
                                      0
                                            0 FD0110DF
167CFEE8: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 167D06E8 167CFEB4 800003EC
167CFF08:
             1 325901C
                          0 16775B70 141CA7A0
                                                 0 141CA7A0
167CFF28:
            64
                  75
                        С
                             С
                                  21
                                        0
                                                  0
167CFF48:
                  3 4E22720
                               0
                                         0
                                              0
             8
                                    0
167CFF68: 52656720 46756E63 74696F6E 204C6900 167D0160 167D06DC
167CFF88:
             0 167D0160 167D016C 167D0178 167D0184 167D0190 167D019C 167D01A8
167CFFA8: 167D01B4 167D01C0 167D01CC 167D01D8 167D01E4 167D01F0 167D01FC 167D0208
167CFFC8: 167D0214 167D0220 167D022C 167D0238 167D0244 167D0250 167D025C 167D0268
167CFFE8: 167D0274 167D0280 167D028C 167D0298 167D02A4 167D02B0 167D02BC 167D02C8
167D0008: 167D02D4 167D02E0 167D02EC 167D02F8 167D0304 167D0310 167D031C 167D0328
167D0028: 167D0334 167D0340 167D034C 167D0358 167D0364 167D0370 167D037C 167D0388
167D0048: 167D0394 167D03A0 167D03AC 167D03B8 167D03C4 167D03D0 167D03DC 167D03E8
167D0068: 167D03F4 167D0400 167D040C 167D0418 167D0424 167D0430 167D043C 167D0448
167D0088: 167D0454 167D0460 167D046C 167D0478 167D0484 167D0490 167D049C 167D04A8
167D00A8: 167D04B4 167D04C0 167D04CC 167D04D8 167D04E4 167D04F0 167D04FC 167D0508
167D00C8: 167D0514 167D0520 167D052C 167D0538 167D0544 167D0550 167D055C 167D0568
167D00E8: 167D0574 167D0580 167D058C 167D0598 167D05A4 167D05B0 167D05BC 167D05C8
167D0108: 167D05D4 167D05E0 167D05EC 167D05F8 167D0604 167D0610 167D061C 167D0628
167D0128: 167D0634 167D0640 167D064C 167D0658 167D0664 167D0670 167D067C 167D0688
167D0148: 167D0694 167D06A0 167D06AC 167D06B8 167D06C4 167D06D0 EF4321CD
167D0168:
            0 EF4321CD
                           0
                                0 EF4321CD
                                               0
                                                    0 EF4321CD
167D0188:
            0
                  0 EF4321CD
                                0
                                     0 EF4321CD
                                                         0
                                                    0
167D01A8: EF4321CD
                           0 EF4321CD
                                               0 EF4321CD
                      0
                                          0
167D01C8:
             0 EF4321CD
                                0 EF4321CD
                                               0
                                                    0 EF4321CD
```

0 141CB404 141CB494 3351190

0 141CB454

141CB458: 141CB474 335EDA0

```
167D0208: EF4321CD
                      0
                            0 EF4321CD
                                          0
                                                0 EF4321CD
167D0228:
             0 EF4321CD
                            0
                                 0 EF4321CD
                                                0
                                                     0 EF4321CD
167D0248:
                  0 EF4321CD
                                      0 EF4321CD
             Ω
                                 0
                                                          0
167D0268: EF4321CD
                            0 EF4321CD
                                                0 EF4321CD
                      0
                                           0
167D0288:
             0 EF4321CD
                            0
                                 0 EF4321CD
                                                0
                                                     0 EF4321CD
167D02A8:
                  0 EF4321CD
                                      0 EF4321CD
                                                     0
                                                          0
             0
                                 0
167D02C8: EF4321CD
                       0
                            0 EF4321CD
                                           0
                                                0 EF4321CD
             0 18BDD338
167D02E8:
                            0
                                 0 18BDD344
                                                0
                                                     0 18BDD3E0
167D0308:
             0
                  0 18BDD3EC
                                 0
                                      0 18BDD3F8
                                                     0
167D0328: 18BDD404
                      0
                            0 18BDD434
                                          0
                                                0 18BDD470
167D0348:
             0 18BDD4AC
                            0
                                 0 18BDD4C4
                                                0
                                                      0 18BDD4F4
167D0368:
             0
                  0 18BDD500
                                 0
                                      0 18BDD50C
                                                     0
167D0388: 18BDD584
                            0 18BDD5A8
                                                0 18BDD5B4
                      0
                                           0
             0 18BDD5FC
                                 0 18BDD6C8
                                                      0 18BDD710
167D03A8:
                            0
                                                 0
167D03C8:
                  0 18BDD71C
                                 0
                                      0 18BDD728
167D03E8: 18BDD734
                      0
                            0.18BDD740
                                           0
                                                0.18BDD74C
167D0408:
             0 18BDD758
                            0
                                 0 18BDD764
                                                0
                                                     0 18BDD770
167D0428:
             0
                  0 18BDD77C
                                 0
                                      0 18BDD788
                                                     0
                                                          0
167D0448: 18BDD7C4
                       0
                            0 18BDD7D0
                                                0 18BDD7DC
                                           0
                                                                n
167D0468:
             0 18BDB948
                           0
                                 0 18BDBAE0
                                                0
                                                     0 18BDBB28
167D0488:
             0
                  0 18BDBB4C
                                 0
                                      0 18BDBB70
                                                     0
                                                          0
                            0 18BDBB94
167D04A8: 18BDBB7C
                       0
                                           0
                                                0 18BDBBA0
167D04C8:
             0 18BDBE34
                                 0 18BDBE70
                                                     0 18BDBEA0
                            0
                                                0
                                      0 18BD261C
                                                     0
167D04E8:
             0
                  0 18BD2610
                                 0
                                               0 18BD2640
167D0508: 18BD2628
                      0
                           0 18BD2634
                                          0
                                                              0
167D0528:
             0 18BD264C
                                 0 18BD2658
                                                     0 18BD2664
                            0
                                               0
167D0548:
                  0 18BD2670
             0
                                0
                                      0 18BD267C
                                                     0
                                                          0
167D0568: 18BD2688
                           0 18BD2694
                                               0 18BD26A0
                      0
                                          0
167D0588:
             0 18BD26AC
                            0
                                 0 18BD26B8
                                                0
                                                     0 18BD26C4
167D05A8:
                  0 18BD26D0
                                 0
                                      0 18BD26DC
167D05C8: 18BD26E8
                      0
                            0 18BD26F4
                                          0
                                                0 18BD2700
167D05E8:
                                 0 18BD2718
                                                     0 18BD2784
             0 18BD270C
                            0
                                               0
167D0608:
                  0 18BD279C
                                 0
                                      0 18BD27A8
                                                     0
             0
                                                          0
167D0628: 18BD27B4
                      0
                           0 18BD27C0
                                          0
                                                0 18BD27CC
167D0648:
             0 18BD2850
                           0
                                0 18BD285C
                                               0
                                                     0 18BD28B0
167D0668:
             0
                  0.18BD28BC
                                 0
                                      0 18BD28C8
                                                     0
                                                          0
167D0688: 18BD28E0
                           0 18BD28EC
                                           0
                                                0 18BD2928
                      0
167D06A8:
             0 18BD2970
                           0
                                 0 18BD2A0C
                                                0
                                                     0 18BD2B68
167D06C8:
                  0 176618A0
                                      O
                                                0 FD0110DF
             0
                                 0
                                           0
---- block32 ptr=1495D928 is_malloc=1 length=0x800 ----
---- 1 interesting address for block: 1495D950
1495D8E8:
             0
                  0
                             0
                                  0
                       0
                                       0
                                            0
1495D908:
             0
                  0
                       0
                            0
                                 0
                                       0
                                            0 FD0110DF
1495D928: AB1234CD FFFE0000
                                0 141CA7F8 347FE6B 1495E128 1495D7EC 800003EC
                            0 155E20D8
1495D948:
             1
                  0
                       0
                                           0 141CA7A0
1495D968:
            64
                  75
                        С
                                   0
                              C
                                        0
                                             O
                  3 4E22720
                                0
                                          0
1495D988:
             8
                                     0
                                               O
                                                    0
1495D9A8: 52656720 46756E63 74696F6E 204C6900 1495DBA0 1495E11C
             0 1495DBA0 1495DBAC 1495DBB8 1495DBC4 1495DBD0 1495DBDC 1495DBE8
1495D9C8:
1495D9E8: 1495DBF4 1495DC00 1495DC0C 1495DC18 1495DC24 1495DC30 1495DC3C 1495DC48
1495DA08: 1495DC54 1495DC60 1495DC6C 1495DC78 1495DC84 1495DC90 1495DC9C 1495DCA8
1495DA28: 1495DCB4 1495DCC0 1495DCCC 1495DCD8 1495DCE4 1495DCF0 1495DCFC 1495DD08
```

167D01E8:

0

0 EF4321CD

0

0 EF4321CD

0

```
1495DA48: 1495DD14 1495DD20 1495DD2C 1495DD38 1495DD44 1495DD50 1495DD5C 1495DD68
1495DA68: 1495DD74 1495DD80 1495DD8C 1495DD98 1495DDA4 1495DDB0 1495DDBC 1495DDC8
1495DA88: 1495DDD4 1495DDE0 1495DDEC 1495DDF8 1495DE04 1495DE10 1495DE1C 1495DE28
1495DAA8: 1495DE34 1495DE40 1495DE4C 1495DE58 1495DE64 1495DE70 1495DE7C 1495DE88
1495DAC8: 1495DE94 1495DEA0 1495DEAC 1495DEB8 1495DEC4 1495DED0 1495DEDC 1495DEE8
1495DAE8: 1495DEF4 1495DF00 1495DF0C 1495DF18 1495DF24 1495DF30 1495DF3C 1495DF48
1495DB08: 1495DF54 1495DF60 1495DF6C 1495DF78 1495DF84 1495DF90 1495DF9C 1495DFA8
1495DB28: 1495DFB4 1495DFC0 1495DFCC 1495DFD8 1495DFE4 1495DFF0 1495DFFC 1495E008
1495DB48: 1495E014 1495E020 1495E02C 1495E038 1495E044 1495E050 1495E05C 1495E068
1495DB68: 1495E074 1495E080 1495E08C 1495E098 1495E0A4 1495E0B0 1495E0BC 1495E0C8
1495DB88: 1495E0D4 1495E0E0 1495E0EC 1495E0F8 1495E104 1495E110 15398B1C
1495DBA8:
             0 15398B28
                           0
                                 0 15398B34
                                               0
                                                    0 15398B40
1495DBC8:
             0
                   0 15398B4C
                                 0
                                      0 15398B58
                                                     0
                                                          0
1495DBE8: 15398B64
                      0
                            0 15398B70
                                          0
                                               0 15398B7C
             0 15398B88
                                 0 15398B94
                                                    0 15398BA0
1495DC08:
                           0
                                               0
1495DC28:
             0
                  0 15398BAC
                                 0
                                      0 15398BF4
                                                     0
                                                          0
1495DC48: 15398C24
                      0
                            0.15398C30
                                          0
                                               0.15398C78
                                                              0
1495DC68:
             0 149CB758
                            0
                                 0 149CB7C4
                                                0
                                                     0 149CB7E8
1495DC88:
             0
                  0 149CB7F4
                                 0
                                      0 149CB818
                                                     0
                                                          0
1495DCA8: 149CB848
                       0
                            0 149CB854
                                           0
                                                0 149CB878
                                                              0
1495DCC8:
             0 149CB884
                            0
                                 0 149CB89C
                                                0
                                                     0 149CB8A8
1495DCE8:
             0
                   0 149CB8B4
                                 0
                                       0 149CB8C0
                                                      0
                                                           0
1495DD08: 149CB8CC
                            0 149CB8D8
                       0
                                           0
                                                0 149CB8E4
                                                                0
             0 149CB8F0
                                 0 149CB8FC
1495DD28:
                                                     0 149CB920
                            0
                                                0
                  0 149CB92C
                                 0
                                                     0
1495DD48:
             0
                                      0 149CB938
                                                          0
                                                0 149CB974
1495DD68: 149CB95C
                       0
                            0 149CB968
                                           0
                                                               0
                                 0 149CB98C
                                                     0 149CB998
1495DD88:
             0 149CB980
                            0
                                                0
                  0 149CB9B0
                                       0 149CB9BC
                                                           0
1495DDA8:
             0
                                 0
                                                      0
                            0 149CB9E0
                                                0 149CB9EC
1495DDC8: 149CB9C8
                       0
                                           0
1495DDE8:
             0 149CB9F8
                            0
                                 0 149CBA04
                                                0
                                                     0 149CBA10
1495DE08:
                  0 149CBA1C
                                 0
                                       0 149CBA28
                                                           0
1495DE28: 149CBA34
                       0
                            0 149CBA40
                                           0
                                                0 149CBA4C
             0 149CBA58
                                 0 149CBA64
                                                0
                                                     0 149CBA70
1495DE48:
                            0
1495DE68:
                  0 149CBA7C
                                       0 149CBA88
                                                     0
                                                           0
             0
                                 0
1495DE88: 149CBA94
                       U
                            0 149CBAA0
                                           0
                                                0 149CBAAC
1495DEA8:
             0 149CBAB8
                            0
                                 0 149CBB24
                                                0
                                                      0 149CBB84
1495DEC8:
             0
                   0 149CBB90
                                 0
                                       0 149CBBB4
                                                      0
                                                           0
1495DEE8: 149CBBC0
                       0
                            0.149CBBF0
                                           0
                                                0 149CBBFC
                                                                0
1495DF08:
             0 149CBC08
                            0
                                 0 149CBC2C
                                                0
                                                      0 149CBC38
1495DF28:
             0
                  0 149CBC44
                                 0
                                      0 149CBC5C
                                                      0
                                                           0
1495DF48: 14956734
                      0
                           0 14956740
                                         O
                                              0 1495674C
                                                             0
                                0 14956794
                                                    0 149567A0
1495DF68:
             0 14956758
                           0
                                              0
1495DF88:
                  0 149567B8
                                      0 149567C4
                                                         0
             0
                                0
                                                    0
                                               0 1495680C
1495DFA8: 149567DC
                      0
                            0 149567F4
                                          0
                                                              0
             0 14956818
                                0 1495683C
                                               0
                                                    0 14956854
1495DFC8:
                           0
1495DFE8:
             0
                  0 14956860
                                0
                                      0 1495689C
                                                    0
                                                         0
1495E008: 149568FC
                           0 14956914
                                               0 14956920
                      0
                                         0
                                                             0
                                0 149569E0
                                              0
                                                    0 149569EC
1495E028:
             0 14956944
                           0
                  0 149569F8
1495E048:
             0
                                0
                                     0 14956A04
                                                    O
                                                         0
                           0 14956A28
                                               0 14956A34
                                                             0
1495E068: 14956A10
                      0
                                         0
1495E088:
             0 14956A40
                           0
                                0 14956A4C
                                               0
                                                    0 14956A58
             0
                  0 14956A64
                                0
                                      0 14956A7C
                                                    0
1495E0A8:
1495E0C8: 14956AA0
                      0
                            0 14956AAC
                                          0
                                                0 14956AB8
                                                              0
```

```
1495E0E8:
             0 14956AC4
                                  0 14956AD0
                                                      0 14956B00
                            0
                                                 0
1495E108:
             0
                  0 14956B30
                                 0
                                       0
                                            0
                                                 0 FD0110DF
---- block33 ptr=4E22720 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 4E22720
4E226E0:
             0
                  0
                       0
                             0
                                  0
                                        0
                                             0
                                                  0
4E22700:
             0
                       0
                                  0
                                        0
                             0
                                             0
4E22720: 4046964
                     1 4E22670 4E22670 68337FC 4E236FC 4E22728 58D70D8
                               0 4046964 3471B10 3471B00 58D711C
4E22740:
             7 10000
                          1
             0 C0C47FE 550000 AFAD646 1BCE1B14 1C4393E0
                                                                      0
4E22760:
                                           0 18000
4E22780:
             0
                  0
                       0 13A05020
                                      0
                                                       8000
4E227A0:
                  0
                             0
                                  0
                                        0
                                             0
                                                  0
4E227C0:
             0 4E22B90 4E22F50
                                    21
                                          Е
                                                0
                                                     Ε
                                                           0
4E227E0:
            29 1A0F7048
                            0
                                 0
                                       0
                                                  0 163D1788
                                            0
4E22800:
                  0
                       0
                            2A
                                   F
                                        2A
                                                    2F
                                              2A
---- block34 ptr=204C6900 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 204C6900
204C68C0:
              0
                   0
                        0
                              0
                                        0
                                              0
                                                   0
204C68E0:
              0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
204C6900:
             0
                   0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
204C6920:
                   0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
             0
204C6940:
             0
                   0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
204C6960:
                   0
                        0
                             0
                                   0
                                        0
                                             0
                                                   0
             0
                                                   0
204C6980:
                   0
                        0
                             0
                                   0
                                        0
                                             0
             0
204C69A0:
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
             0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
204C69C0:
              0
204C69E0:
              0
                   0
                        0
                              0
                                   0
                                        0
                                              0
                                                   0
---- block35 ptr=149564B0 is malloc=1 length=0x800 ----
---- 3 interesting addresses for block: 14956B3C 14956B6C 14956C98
             0 44C3468 348068A 149564B0 14956434 80000010
14956470:
14956490:
             0 1800030 22EFA80
                                    0
                                         0
                                               0
                                                    0 FD0110DF
149564B0: AB1234CD FFFE0000
                                 0 141C99F0 347FDCF 14956CB0 1495647C 800003EC
149564D0:
             1
                  0
                        0 14404D58 149CB4A8
                                                 0 141C9998
             64
                  75
                         С
                                               0
149564F0:
                               C
                                    0
                                          0
                  3 4E22720
                                0
                                      0
                                           0
                                                 0
14956510:
             8
14956530: 52656720 46756E63 74696F6E 20313200 14956728 14956CA4
             0 14956728 14956734 14956740 1495674C 14956758 14956764 14956770
14956570: 1495677C 14956788 14956794 149567A0 149567AC 149567B8 149567C4 149567D0
14956590: 149567DC 149567E8 149567F4 14956800 1495680C 14956818 14956824 14956830
149565B0: 1495683C 14956848 14956854 14956860 1495686C 14956878 14956884 14956890
149565D0: 1495689C 149568A8 149568B4 149568C0 149568CC 149568D8 149568E4 149568F0
149565F0: 149568FC 14956908 14956914 14956920 1495692C 14956938 14956944 14956950
14956610: 1495695C 14956968 14956974 14956980 1495698C 14956998 149569A4 149569B0
14956630: 149569BC 149569C8 149569D4 149569E0 149569EC 149569F8 14956A04 14956A10
14956650: 14956A1C 14956A28 14956A34 14956A40 14956A4C 14956A58 14956A64 14956A70
14956670: 14956A7C 14956A88 14956A94 14956AA0 14956AAC 14956AB8 14956AC4 14956AD0
14956690: 14956ADC 14956AE8 14956AF4 14956B00 14956B0C 14956B18 14956B24 14956B30
149566B0: 14956B3C 14956B48 14956B54 14956B60 14956B6C 14956B78 14956B84 14956B90
149566D0: 14956B9C 14956BA8 14956BB4 14956BC0 14956BCC 14956BD8 14956BE4 14956BF0
149566F0: 14956BFC 14956C08 14956C14 14956C20 14956C2C 14956C38 14956C44 14956C50
14956710: 14956C5C 14956C68 14956C74 14956C80 14956C8C 14956C98 149CBBD8
14956730: 1F51F10
                      0
                           0 1EC1F20 19BB9B64
                                                   0 1EABE20 165A1960
                                 0 1EABD20
                                                0
                                                     0 1EB7E20
14956750:
             0 1EAC060
                            0
14956770: 18BDD59C
                       0 1E9FD70
                                      0
                                           0 1E9FE10
                                                          0
                                                               0
```

```
0 1EAF520
14956790: 1EA07F0
                   0
                                        0
                                             0 1EAB470 15625990
149567B0:
            0 1EAB4C0
                           0
                                0 1EBC970 1635271C
                                                       0 1EBC690
                  0 1EA39D0 165C9394
149567D0:
            0
                                         0 1EA3AB0 165C9370
149567F0: 1EB1400
                     0
                          0 1EA7410 16352818
                                                0 1EA3840 15ED11F0
            0 1EB13D0
14956810:
                          0
                               0 1EAD9D0 18A242A0
                                                      10 1EBB510
                     0 1EBAE60 149CBAD0
                                             0 1EBADD0 149CB890
14956830: 15625B88
                                                                     0
14956850: 1EBAE10
                     0
                          0 1E9F060
                                             0 1E9F060 15625BA0
                                        0
14956870:
            0 1EA6E70 16011B6C
                                   0 1E9F0B0 15ED11FC
                                                           0 1EA8750
14956890: 15ED11E4
                     0 1EB0590
                                   0
                                        0 1EC27A0 149CBC68
149568B0: 1EC2780 14956728
                              0 1EC27C0
                                            0
                                                 0 1E000D0 149CB83C
            0 1E003B0 149568A8
                                   0 1CF28F0 149568B4
                     6 1CDF940 165C92E0
149568F0: 141CA158
                                            0 1C50F90 16421BF4
14956910: 1CA10C0
                     0
                          0 1C44450
                                        0
                                             0 1C446A0
            0 1C43AE0 149567AC
                                   0 1C36CC0 17572A54
                                                          0 1C37960
14956930:
                 14 1C3A410
                                    14 1C37A00
14956950:
            0
                               0
                                                   0
                                                       10
14956970: 1C33740 19FBF464
                              5 1C31B40 15E03AB4
                                                     0 1C32830 14956980
14956990:
            0 1C32170 149568D8
                                   0 1C376D0 149568E4
                                                          0 1C376F0
149569B0: 14956998
                     0 1923170 149569A4
                                           0 1923410 14956848
149569D0: 19230E0 15625AD4
                              0 1921BE0
                                            0
                                                 0 1910420
149569F0:
            0 18D2A40
                               0 18D24D0 174331A0
                                                      0 18D23D0
                          0
                                    0 189C5F0
14956A10:
            0
                 0 18AC280
                               0
                                                  0
                                                       0
14956A30: 18EC3C0
                     0
                          0 18ED240
                                        0
                                             0 18ECF50
                                                           0
            0 18ECC10
14956A50:
                          0
                               0 18A2EF0 14956938
                                                      0 18A2CF0
                      9 18A2C40
14956A70: 164D2CDC
                                         0 18AFCD0 149CBB3C
                                    0
                                                                 n
14956A90: 18A86D0 149569C8
                              0 18A9AB0
                                            0
                                                 0 18A84F0
                                                               0
                               0 18A7CE0 1642EA98
14956AB0:
            0 18A82E0
                          0
                                                       0 1911540
                  0 18A5590 149CB788
                                        0 18A5590 149569B0
14956AD0:
14956AF0: 18B31B0 149569BC
                              0 18B31F0 15E03C70
                                                     0 17F1B90 15E94548
            0 17F1B00 16011C80
                                   0 17F1AC0 149CB9A4
                                                          0 17F1860
14956B10:
14956B30: 18A24120
                     0 17F1B40 18A2412C
                                            0 17F18A0
                                                          0
                                                               8
14956B50: 1801CF0 14405128
                              5 1801180 14405134
                                                    5 1801C30
14956B70:
            0 1801B70
                               0 1801EB0 16380AEC
                                                      0 1801720
                  0 18016E0 163809CC
                                        0 18011B0 16380B04
14956B90:
14956BB0: 18011D0 18BDD608
                               0 1801C00 18BDD614
                                                      0 1801A70 18BDD620
14956BD0:
            0 18019B0 18BDD62C
                                    0 18018A0 14956C50
                                                           3 17F3500
                      3 17F3C00 14956B84
14956BF0: 14956C5C
                                            0 17F3860 14956B9C
14956C10: 17F3530 14956BA8
                              0 17F3550 14956BB4
                                                    0 17F3BD0 14956BC0
14956C30:
            0 17F3AA0 14956BCC
                                    0 17F39E0 14956BD8
                                                          0 17F38D0
14956C50: 14956B54
                     4 17F2010 14956B60
                                            4 17F2590 14956BFC
14956C70: 17F2310 14956C08
                              0 17F2040 14956C14
                                                    0 17F2060 14956C2C
            0 17F24B0 14956908
                                   0 17F7C70
                                                      0 FD0110DF
14956C90:
                                                0
---- block36 ptr=14404D30 is_malloc=1 length=0x800 ----
----- 8 interesting addresses for block: 14405038 14405044 14405050 1440505C 144050D4 144050E0 1440514O 1440514C
                                         0 4D2F72C 6833B7C 1580DAD8
14404CF0:
            0 1580DAD8 661A1F8
                                   0
14404D10:
                       0 34240
                                             0 FD0110DF
            0
                  0
                                   0
                                        0
14404D30: AB1234CD FFFE0000
                               0 141C99F0 347FDCF 14405530 1440415C 800003EC
                       0 195E6CE8 149564D8
                                              0 141C9998
14404D50:
            1
                  0
                  75
                        С
                                   0
14404D70:
            64
                             С
                                        0
                                             0
                                                  0
                  3 4E22720
14404D90:
            8
                               0
                                    0
                                         0
14404DB0: 52656720 46756E63 74696F6E 20313200 14404FA8 14405524
14404DD0:
             0 14404FA8 14404FB4 14404FC0 14404FCC 14404FD8 14404FE4 14404FF0
14404DF0: 14404FFC 14405008 14405014 14405020 1440502C 14405038 14405044 14405050
14404E10: 1440505C 14405068 14405074 14405080 1440508C 14405098 144050A4 144050B0
```

```
14404E30: 144050BC 144050C8 144050D4 144050E0 144050EC 144050F8 14405104 14405110
14404E50: 1440511C 14405128 14405134 14405140 1440514C 14405158 14405164 14405170
14404E70: 1440517C 14405188 14405194 144051A0 144051AC 144051B8 144051C4 144051D0
14404E90: 144051DC 144051E8 144051F4 14405200 1440520C 14405218 14405224 14405230
14404EB0: 1440523C 14405248 14405254 14405260 1440526C 14405278 14405284 14405290
14404ED0: 1440529C 144052A8 144052B4 144052C0 144052CC 144052D8 144052E4 144052F0
14404EF0: 144052FC 14405308 14405314 14405320 1440532C 14405338 14405344 14405350
14404F10: 1440535C 14405368 14405374 14405380 1440538C 14405398 144053A4 144053B0
14404F30: 144053BC 144053C8 144053D4 144053E0 144053EC 144053F8 14405404 14405410
14404F50: 1440541C 14405428 14405434 14405440 1440544C 14405458 14405464 14405470
14404F70: 1440547C 14405488 14405494 144054A0 144054AC 144054B8 144054C4 144054D0
14404F90: 144054DC 144054E8 144054F4 14405500 1440550C 14405518 14956C68
14404FB0: 17F7A50 14956C74
                              0 17F7870 14956C80
                                                     0 17F7890 14956BE4
14404FD0:
             2 17F77F0 14956BF0
                                    2 17F7BA0 1440508C
                                                           0 17F5CF0
                     0 17F6430 14404FA8
                                            0 17F5F60 14404FB4
14404FF0: 14405098
                                                                   0
14405010: 17F5D20 14404FC0
                              0 17F5D40 14956C8C
                                                     0 17F6120 14956C38
            0 17F61E0 14956C44
                                   0 17F62C0 14956B78
                                                          0 1800500
14405050: 18BDD5F0
                      0 1800730 14405020
                                            0 1800640
                                                          0
                                                               2
14405070: 17F4920 14405080
                             1 17F4910 14956B48
                                                    2 17F4910 14404FCC
            1 17F3D70 14404FD8
                                   1 17F47F0 14404FFC
14405090:
                                                          0 17F44D0
144050B0: 14956B90
                     0 17F4950 14405008
                                            0 17F3E20 14405014
                                                                  0
144050D0: 17F3E40 14956C20
                              0 17F45F0 1440502C
                                                     0 17F4500 144050BC
            0 17FA2F0 144050C8
                                   0 17FA310 14956AE8
144050F0:
                                                          0 17F1E80
14405110: 14956AF4
                     0 17F1EA0 15E87E1C
                                            C8 17FF820 15E87E04
                                                                    C8
                             C8 17FFC70 144050A4
14405130: 17FF260 15E87E10
                                                      0 17FA110 144050B0
            0 17F9FD0 144050EC
14405150:
                                   0 17F9E90 144050F8
                                                          0 17F9D50
14405170: 14956B24
                     0 1800A30
                                        0 176E4A0
                                   n
                                                      0
                                                           n
14405190: 176E520
                          0 176E420
                                             0 176E3B0 14405104
                     0
                                        0
            0 15FDB30 14405110
                                                           B A80DC0
144051B0:
                                   0 15FDCA0 14405290
144051D0: 14405278
                     B A80DC0 144052A8
                                            B A80D20 14405224
                                                                   7
144051F0: A80BC0 144051D0
                              7 A80B70 144051DC
                                                     7 A80B10
                                                                  0
14405210:
            19 A80420
                          0
                               19 A80420
                                             0
                                                 19 A80400
            0
                 19 A80400 19CFD990
                                         4 A80380 1440523C
14405230:
14405250: A80300 14405260
                             1 A80290 14405248
                                                   2 A80210 1440520C
14405270:
            11 A80130 1440526C
                                   10 A80130 14405218
                                                         11 A80130
                    10 A80130 14405230
14405290: 14405284
                                           11 A80130 1440529C
144052B0: A80130 144051AC
                              0 818BD0 144051B8
                                                    0 818BB0 16C75B30
144052D0:
            0 7C9CC0 16C18284
                                   0 426FF0 16C18290
                                                          0 426FB0
144052F0:
            0
                  0 426B50
                               0
                                    0 4269C0
                                                 0
                                                      0
14405310: 4267A0
                    0
                         0 426740
                                      0
                                           0 426270
                                                        0
            0 4264E0
                         0
                               0 4260E0
                                            0
                                                 0 425ED0
14405330:
                                    0 425B70
14405350:
            0
                  0 425D20
                               0
                                                 0
                                                      0
14405370: 425830
                           425440
                                           0 4256B0
                    0
                         0
                                      0
                                                        0
14405390:
            0 425290
                         0
                              0 425080
                                           0
                                                 0 424B50
                  0 4249E0
                                    0 423CC0
                                                       0
144053B0:
            0
                               0
                                                 0
                            423AC0
                                              423880
144053D0: 4247A0
                          0
                                            0
                    0
                                       0
                                                         n
            0 423680
                         0
                               0 4234E0
                                           0
                                                 0 4232E0
144053F0:
                  0 423060
                              0
                                    0 422C40
                                                 0
14405410:
            0
                                                      0
14405430: 422B70
                            422AA0
                                              422820
                    0
                         0
                                       0
                                            0
                                                         0
                              0 4223E0
14405450:
            0 422600
                         0
                                           0
                                                 0 422240
14405470:
            0
                  0 422190
                              0
                                    0 421F10 15F4AB70
14405490: 427DE0 144052B4
                              0 427E40 144052C0
                                                    0 427E80 149CBAC4
144054B0:
            0 8CF8B0
                          0
                               0 8E74A0 15625C78
                                                      0 8E7400
```

```
0 218F190 149568CC
                                                                0
144054F0: 218EDE0 163528E4
                            0 2195EA0 16C75B90
                                                 0 3464550 14405494
14405510:
           0 346B410 144054A0
                                 0 346B430
                                             0
                                                   0 FD0110DF
---- block37 ptr=141C9970 is malloc=1 length=0x800 ----
---- 2 interesting addresses for block: 141C9BE8 141C9984
141C9930: D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D
141C9950: D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D D0D0D0D
                              0 49F75D0 3483D19 141CA170 141C4A5C 800003EC
141C9970: AB1234CD FFFE0000
                 0 141CA198 18BDD058
                                            0 195E6CE8
141C9990:
            1
                                       0
                                 0 1D35
141C99B0:
            64
                 75
                       С
                            С
                                           1D35
                                                   В
141C99D0:
                 1 4E22720
                              0
                                   0
                                       0
                                            0
141C99F0: 52656720 46756E63 74696F6E 20313200 141C9BE8 141CA164
            3F 141C9BE8 141C9BF4 141C9C00 141C9C0C 141C9C18 141C9C24 141C9C30
141C9A30: 141C9C3C 141C9C48 141C9C54 141C9C60 141C9C6C 141C9C78 141C9C84 141C9C90
141C9A50: 141C9C9C 141C9CA8 141C9CB4 141C9CC0 141C9CCC 141C9CD8 141C9CE4 141C9CF0
141C9A70: 141C9CFC 141C9D08 141C9D14 141C9D20 141C9D2C 141C9D38 141C9D44 141C9D50
141C9A90: 141C9D5C 141C9D68 141C9D74 141C9D80 141C9D8C 141C9D98 141C9DA4 141C9DB0
141C9AB0: 141C9DBC 141C9DC8 141C9DD4 141C9DE0 141C9DEC 141C9DF8 141C9E04 141C9E10
141C9AD0: 141C9E1C 141C9E28 141C9E34 141C9E40 141C9E4C 141C9E58 141C9E64 141C9E70
141C9AF0: 141C9E7C 141C9E88 141C9E94 141C9EA0 141C9EAC 141C9EB8 141C9EC4 141C9ED0
141C9B10: 141C9EDC 141C9EE8 141C9EF4 141C9F00 141C9F0C 141C9F18 141C9F24 141C9F30
141C9B30: 141C9F3C 141C9F48 141C9F54 141C9F60 141C9F6C 141C9F78 141C9F84 141C9F90
141C9B50: 141C9F9C 141C9FA8 141C9FB4 141C9FC0 141C9FCC 141C9FD8 141C9FE4 141C9FF0
141C9B70: 141C9FFC 141CA008 141CA014 141CA020 141CA02C 141CA038 141CA044 141CA050
141C9B90: 141CA05C 141CA068 141CA074 141CA080 141CA08C 141CA098 141CA0A4 141CA0B0
141C9BB0: 141CA0BC 141CA0C8 141CA0D4 141CA0E0 141CA0EC 141CA0F8 141CA104 141CA110
141C9BD0: 141CA11C 141CA128 141CA134 141CA140 141CA14C 141CA158
141C9BF0: 1CD82C0 144054E8
                            0 1D88D20 149CB860
                                                   0 1D14210 15E9453C
            0 1D207B0 144054DC
                                  0 1D207B0 144054AC
141C9C10:
                                                        0 1D21C20
141C9C30: 144054C4
                     0 1D21B30
                                  0
                                       0 1D21B30
                                                    0
                                                         0
141C9C50: 1D3CC70 141C9C48
                             0 1D3C7C0 144054F4
                                                   0 1D138F0 141C9C60
141C9C70:
            0 1D13700
                         0
                              0 1D0C020
                                           0
                                                0 1D152F0
141C9C90: 165A1AB0
                     0 1D1A170 141C9C90
                                           0 1D08020
                                                        0
141C9CB0: 1D07F60
                         0 1D19DE0 141C9C24
                                                0 1D1B110 141C9BF4
                    0
141C9CD0:
            0 1D8C4C0
                          0
                               0 1D8BAE0 19BB9A68
                                                     0 1D257D0
                     0 1D0C2D0 141C9CCC
141C9CF0: 19BB9A74
                                            0 1D88030
                                                         0
141C9D10: 1D839C0
                    0
                         0 1D83950 18A24018
                                              54 1CF85C0 155E2C90
141C9D30:
            0 1CE5AE0 141C9D74
                                  6 1CE57D0 141C9D5C
                                                         3 1CE54E0
141C9D50: 141C9D68
                   1 1CE4BC0 141C9D38
                                           4 1CE4A30 141C9D44
141C9D70: 1CE5DD0
                     0
                          7 1CE4990 15F4AD80
                                                0 3D5AE10
                                                             0
            0 1DD4DE0 16352680
                                  0 1CAEB90 1440550C
141C9D90:
                                                        0 1D78210
                    0 1D78280 18BDB96C
141C9DB0: 14405518
                                           0 1DE1270 141C9DBC
141C9DD0: 1DBB0E0 141C9DC8
                              0 1DBA180 141C9DD4
                                                    0 1DBAF70 141C9DE0
141C9DF0:
            0 1DBABF0 141C9DEC
                                   0 1DBA850 141C9DF8
                                                         0 1DBA460
141C9E10: 18BDB978
                     0 1DE10D0 141C9E10
                                           0 1DBB0A0 141C9E1C
141C9E30: 1DBA130 141C9E28
                             0 1DBAE50 141C9E34
                                                   0 1DBA9C0 141C9E40
            0 1DBA6E0 141C9E4C
                                   0 1DBA1D0
                                                     0 1DD55D0
141C9E50:
                                                0
                     0 1DD8420 141C9E70
                                           0 1DD7F60 141C9E7C
141C9E70: 18BDB984
141C9E90: 1DD7B90 18BDB990
                             0 1DD8900 141C9E94
                                                   0 1DD8420 141C9EA0
141C9EB0:
            0 1DD7F60 141C9EAC
                                   0 1DD7350
                                                0
                                                     0 1DD9E00
141C9ED0:
                 0 1DDAF80 141C9DA4
                                       0 7ADB30 141C9EDC
141C9EF0: 1D23880 141C9DB0
                             0 1D238A0 141C9EE8
                                                   0 1CE23A0 141C9EF4
141C9F10:
            0 1CE23C0 141C9F00
                                  0 3470B10 141C9F0C
                                                        0 3470B30
```

```
141C9F30: 141C9F18
                       0 1CE2D10 141C9F24
                                                0 1CE2D30 141C9D98
                                                                         0
141C9F50: 1D94810
                       0
                            0 87FA30 149568C0
                                                   0 3479C30
                                                                  0
                             0
                                  0 34D5A90
                                                      0 3484AF0
141C9F70:
             0 34D5CB0
                                                 0
141C9F90: 15E03A6C
                        0 3EBECE0
                                       0
                                            0 1DF6BB0
                                                           0
141C9FB0: 1DF6BB0
                       0
                             0 1DCC970 141C9FB4
                                                      0 1DCA4F0 141C9F60
141C9FD0:
              0 1DCBAA0 149569D4
                                       0 1D910F0 1650F690
                                                               0 8051F0
141C9FF0: 15625978
                       0 80DF40 141C9FF0
                                               0 807770 14956884
                                                                      0
141CA010: 803600 14956878
                               0 8034F0 14956890
                                                      0 801030 17484558
141CA030:
              0 801070 17432E40
                                     0 2F9B660
                                                         0 807350
                                                   0
                       0 8070F0 1748457C
                                                                 3
141CA050: 17F29628
                                              0 806940
                                                            0
                           0 1CF1A90 1495698C
141CA070: 807890
                      0
                                                    0 8145E0
                                                                 0
                                  0 2EB1500
                                                      0 2EB1610
141CA090:
              0 3D90C60
                            0
                                                0
141CA0B0:
              0
                   0 2EB14F0
                                  0
                                       0 2EB1620
                                                      0
141CA0D0: 1501D10
                       0
                            0 1501A20
                                           0
                                                0 1501FF0
141CA0F0:
              0 15019A0
                                  0 15018F0
                                                     0 1501650
                            0
                                                0
141CA110:
              0
                   0 15020A0
                                  0
                                       0 15015D0
                                                     0
                                                           0
141CA130: 15011D0
                       0
                            0 1501080
                                          0
                                                3 137DB70
                                                              0
141CA150:
              2
                         0
                              7 A81370
                                            0
                                                 0 FD0110DF
                   1
---- block38 ptr=20536500 is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 20536500
205364C0:
             0
                   0
                        0
                              0
                                   0
                                         0
                                              0
                                                   0
205364E0:
             0
                   0
                        0
                              0
                                   0
                                         0
                                              0
                                                   0
                        0
                                   0
20536500:
             0
                   0
                             0
                                        0
                                              0
                                                   0
20536520:
                        0
                             0
                                   0
                                                   0
             0
                   0
                                        0
                                              0
                        0
                                   0
                                                   0
20536540:
             0
                   0
                             0
                                        0
                                              0
20536560:
             0
                   0
                        0
                             0
                                   0
                                        0
                                              0
                                                   0
20536580:
                        0
                                   0
                                                   0
             0
                   0
                             0
                                        0
                                              0
                        0
                              0
                                   0
                                         0
                                              0
                                                   0
205365A0:
             0
                   0
205365C0:
                   0
                        0
                              0
                                   0
                                         0
                                              0
                                                   0
             0
205365E0:
             0
                   0
                        0
                              0
                                   0
                                         0
                                              0
                                                   0
---- block39 ptr=489EC5C is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 489EC5D
489EC1C: 20736574 20706174 68732073 74616C65 20666F72 204C5344 42202575 2F25692F
489EC3C: 25692069 6E206172 65612025 73202573
                                                   0 A257320 25733A20 4D61726B
489EC5C: 696E6720 534C2070 61746820 2569256D 206F6E20 25732061 73207374 616C6520
489EC7C: 25730000 A257320 25733A20 41646420 6261636B 75702072 65717565 73742025
489EC9C: 69256D2C 20747970 65202573 20202573
                                                   0 A257320 25733A20 20205374
489ECBC: 616C6520 6C726962 20706174 68207669 61202573 202D2069 6E746572 66616365
489ECDC: 20646F77 6E202573
                                0 A257320 25733A20 53796E63 27696E67 20524942
489ECFC: 20626163 6B757020 726F7574 65202569 256D2C20 74797065 2025732C 20617265
489ED1C: 61202573 20257300 A257320 25733A20 526F7574 65202569 256D2074 79706520
489ED3C: 25732061 72656120 25732068 61732062 65656E20 7265706C 61636564 20202573
---- block40 ptr=631C088 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 631C089
631C048:
             0
                  0
                        0
                             0
                                   0
                                              0
                                                   0
                                        0
631C068:
                        0
                                   0
                                        0
                                              0
                                                   0
             0
                  0
                             0
631C088:
                  0
                        0
                             0
                                   0
                                        0
                                              0
                                                   0
             0
                        0
                                   0
                                              0
                                                   0
631C0A8:
             0
                   0
                             0
                                        0
                        0
                                        0
                                                   0
631C0C8:
             0
                   0
                              0
                                   0
                                              0
                        0
                                   0
                                              0
631C0E8:
             0
                   0
                             0
                                        0
                                                   0
631C108:
             0
                  0
                        0
                             0
                                   0
                                        0
                                              0
                                                   0
631C128:
             0
                  0
                        0
                             0
                                   0
                                        0
                                              0
                                                   0
631C148:
             0
                  0
                        0
                             0
                                   0
                                        0
                                              0
                                                   0
```

```
631C168:
             0
                              0
                   0
                        0
                                    0
                                         0
                                               0
                                                     0
---- block41 ptr=850E890 is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 850E891
                                                     0
850E850:
             0
                                         0
                                               0
850E870:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
                         0
                                    0
                                         0
                                               0
                                                     0
850E890:
             0
                   0
                              0
850E8B0:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
850E8D0:
             0
                   0
                         0
                              0
                                    0
                                          0
                                               0
                                                     0
850E8F0:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
850E910:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
850E930:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
850E950:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
850E970:
             0
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
---- block42 ptr=6890DA4 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 6890DA4
6890D64:
             4
                   0
                         0
                              0
                                    0
                                         0
                                               0
                                                     0
6890D84:
                              0
                                    0 17612A80 1270127
             0
                   0
                         0
             1 1802B880 18B830D8 19D66830 528D290
6890DA4:
                                                          0
                                                                0
6890DC4: 19270001 6890DC0 52516C4
                                          0 6890DC0 5251718 19D668A8 1000000
6890DE4: 128CCCC
                       129
                              0 16D10AD0
                                               0
                                                    0
                                                          6
                                                               8A
6890E04:
             4
                   0
                        0
                              0
                                    0
                                         0
                                               0
                                                     0
6890E24:
             0
                   6
                        Α8
                               4
                                    0
                                          0
                                                0
                                                     0
6890E44:
                   0
                        0
                                    6
                                         A8
             0
                              0
                                                4
                                                     0
6890E64:
             0
                   0
                        0
                                    0
                                         0
                              0
                                               0
                                                     0
             0
                   0
                        0 1677DE78 1280128
                                                 0
                                                       1 17612AC8
6890E84:
---- block43 ptr=15A88880 is malloc=0 length=0x100 ----
---- 1 interesting address for block: 15A88883
                                    0 BAD4000 BAD4100 BAD4040
15A88840:
              0
                   0 15A4DDE0
15A88860:
              0
                         0 7AFADE
                                              0
                                                   0
                                                         0
                   0
                                        0
15A88880: 15A88800
                       0 15A4DDE0
                                        0 BAD4A00
                                                       0 BAD4A40
15A888A0:
              0
                         0
                               0
                                    0
                                          0
15A888C0: 15A88880
                        0 15A4DDE0
                                        0 BAD5400
                                                        0 BAD5440
15A888E0:
                         0
                               0
                                    0
                                          0
                                                0
              0
                    0
15A88900:
                   0 15A4DDE0
                                    0 BAD5E00 BAD5F00 BAD5E40
              0
15A88920:
                         0 7AFADE
                                        0
                                              0
                                                   0
15A88940: 15A888C0
                        0 15A4DDE0
                                        0 BAD6800
                                                        0 BAD6840
15A88960:
              0
                   0
                         0
                               0
                                    0
                                          0
                                               0
                                                     0
---- block44 ptr=6891DAC is_malloc=0 length=0x100 ----
---- 1 interesting address for block: 6891DAC
6891D6C:
             0 16D11000
                             0
                                   0
                                         6
                                              8A
                                                          0
6891D8C:
                   0
                         0
                              0
                                    0
                                          0
                                               0
              0
6891DAC:
             Α8
                    4
                          0
                               0
                                     0
                                           0
                                                0
                                                      0
6891DCC:
                    0
                              A8
                                     4
                                           0
                                                 0
                                                      0
              0
                         6
6891DEC:
              0
                    0
                         0
                               0
                                    0
                                          0
                                               0
                                                     Λ
6891E0C:
             0 1677E3A8 1380138
                                            1 17612FF8 1802BE28 18B83680
                                      0
                                  1 19270001 6891E38 52516C4
6891E2C: 528D290
                       0
                            0
6891E4C: 6891E38 5251718 18B836F8 1000000 139CCCC
                                                            13A
                                                                    0 1A068608
6891E6C:
             0
                   0
                         6
                              8A
                                     4
                                          0
                                                0
                                                      0
             0
                   0
                                          6
                                               8A
6891E8C:
                         O
                              0
                                    0
                                                      4
------ show chunk failures ------
```

When Cause Caller In-use Chunk

# show chunk failures