▲ 看雪论坛 > 软件逆向 发新帖

▲ 举报

2404











[原创]某企鹅xxx-base分析

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极客 😉 ☆ ☆

6天前

系统回调部分

系统回调注册:



```
NTSTATUS v2; // edi
 void *v3; // rax
 _UNICODE_STRING DestinationString; // [rsp+20h] [rbp-29h] BYREF
 struct _OB_CALLBACK_REGISTRATION CallbackRegistration; // [rsp+30h] [rbp-19h] BYREF
 OB_OPERATION_REGISTRATION v7[2]; // [rsp+60h] [rbp+17h] BYREF
 if ( !byte_FFFFF80737848550 )
 {
   dword_FFFFF80737848604 = 327808;
   memset(&unk_FFFFF80737848558, 0, 0x20ui64);
   memset(&unk_FFFFF80737848578, 0, 0x20ui64);
   memset(&unk_FFFFF80737848598, 0, 0x20ui64);
   memset(&unk_FFFFF80737848588, 0, 0x20ui64);
   v7[0].ObjectType = PsProcessType;
   \sqrt{7}[0].Operations = 3;
   v7[0].PreOperation = g_PreProcess;
   v7[0].PostOperation = g_PostProcess;
v7[1].ObjectType = PsThreadType;
   v7[1].PreOperation = g_PreThread;
   \sqrt{7}[1].0perations = 3;
   v7[1].PostOperation = g_PostThread;
   RtlInitUnicodeString(&DestinationString, L"366666");
   CallbackRegistration.RegistrationContext = 0i64;
   *(_DWORD *)&CallbackRegistration.Version = 131328;
   CallbackRegistration.OperationRegistration = v7;
   CallbackRegistration.Altitude = DestinationString;
   v2 = ObRegisterCallbacks_0(&CallbackRegistration, &RegistrationHandle);
   if ( v2 < 0 )
     goto LABEL_7;
   sub_FFFFF8073777F790((__int64)g_StartRoutineHid0, (__int64)&byte_FFFFF80737848551);
   qword_FFFFF807378485D8 = v3;
 int64 sub_FFFFF8073778336C()
  char v0; // al
 unsigned int v1; // ebx
  v0 = byte_FFFFF80737848210;
 if ( !byte_FFFFF80737848210 )
    if ( PsSetLoadImageNotifyRoutine_0((PLOAD_IMAGE_NOTIFY_ROUTINE)g_ImageNotifyRoutine) < 0 )</pre>
      v0 = byte_FFFFF80737848210;
      v1 = 0xC000000EF;
      goto LABEL_6;
    v0 = 1;
    byte_FFFFF80737848210 = 1;
 v1 = 0;
LABEL 6:
 if (!v0)
   sub_FFFFF807377833C0();
  return v1;
NTSTATUS sub FFFFF8073777F620()
  NTSTATUS result; // eax
  if ( !byte_FFFFF807378396C0 )
    result = PsSetCreateThreadNotifyRoutine_0((PCREATE_THREAD_NOTIFY_ROUTINE)g_ThreadNotifyRoutine);
   if ( result < 0 )</pre>
     return result;
   byte_FFFFF807378396C0 = 1;
  return 0;
```





```
_int64 CreateProcessNotifyRoutineEx()
  char v0; // al
  NTSTATUS ProcessNotifyRoutine; // ebx
  v0 = byte_FFFFF80737848330;
  if ( byte_FFFFF80737848330 )
  {
    ProcessNotifyRoutine = 0;
  else
    ProcessNotifyRoutine = PsSetCreateProcessNotifyRoutineEx_0(g_ProcessNotifyRoutineEx, 0);
    if ( ProcessNotifyRoutine < 0 )</pre>
      v0 = byte_FFFFF80737848330;
    else
    {
      ∨0 = 1;
      ProcessNotifyRoutine = 0;
      byte_FFFFF80737848330 = 1;
  if (!v0)
    sub_FFFFF80737783BB0();
  return (unsigned int)ProcessNotifyRoutine;
这里样本会选择将系统回调拿到的信息先放到全局然后KeSetEvent通知其他地方处理
   _int64 __fastcall g_PostThreadTask(unsigned int a1, const void *a2)
     int64 result; // rax
   unsigned int v3; // [rsp+20h] [rbp-38h]
   volatile signed __int32 *v4; // [rsp+28h] [rbp-30h]
   void *v5; // [rsp+30h] [rbp-28h]
   \vee 4 = 0i64;
   v3 = 0;
   v5 = 0i64;
   if ( !byte_FFFFF8073780295A | a1 )
   {
     f ( byte_FFFFF8073780295A && a1 == 1 )
       v4 = (volatile signed __int32 *)&unk_FFFFF807378032D8;
result = (__int64)&unk_FFFFF80737802EA0;
       v5 = \&unk_FFFFF80737802EA0;
       v3 = 1080;
     else if ( byte_FFFFF8073780295A && a1 == 2 )
      v4 = (volatile signed __int32 *)&unk_FFFFF807378032F8;
result = (__int64)&unk_FFFFF807378032E0;
       v5 = &unk_FFFFF807378032E0;
       v3 = 24;
     else if ( byte_FFFFF8073780295A && a1 == 3 )
                              _int32 *)&unk_FFFFF80737803318;
       v4 = (volatile signed _
       result = (__int64)&unk_FFFFF80737803300;
       v5 = &unk_FFFFF80737803300;
       v3 = 24;
     else i ( byte_FFFFF8073780295A && a1 == 5 )
      v4 = (volatile signed __int32 *)&unk_FFFFF80737803540;
result = (__int64)&unk_FFFFF80737803320;
       v5 = &unk_FFFFF80737803320;
       v3 = 544;
     else
       result = (unsigned __int8)byte_FFFFF8073780295A;
       if ( byte_FFFFF8073780295A && a1 == 4 )
         v4 = (volatile signed __int32 *)&unk_FFFFF80737803544;
00001F36 g PostThreadTask-42 (FFFFF80737762B36)
  int64 __fastcall sub_FFFFF80737762960(unsigned int a1)
   int64 result: // rax
  int i; // [rsp+20h] [rbp-18h]
  if (a1 < 6)
     for ( i = 0; i < 4; ++i )
       if ( *(( BYTE *)&unk FFFFF80737802960 + 64 * ( int64)i) )
         if ( *(( QWORD *)&unk FFFFF80737802960 + 8 * ( int64)i + a1 + 2) )
           KeSetEvent(*((PRKEVENT *)&unk_FFFFF80737802960 + 8 * (_int64)i + a1 + 2), 0, 0);
       result = (unsigned int)(i + 1);
     }
  return result;
系统回调部分基本都是一些常规操作,所以这里就不赘述了。
```

驱动线程部分

☆ 首页



』 课程 **心** 招聘

≣ 发现



快也搜这个创建线程









```
1.线程创建部分
```

用ark观察有3个线程的起始地址为SeSetAuditParameter函数内部的jmp rcx,

初始化线程地址:在SeSetAuditParameter内部搜0xff 0xe1

```
_BYTE *g_GetThreadAddres_forSeSetAuditParameter()
   int64 v0; // rdi
char *SystemAddress; // rax
_BYTE *v2; // rbx
_BYTE *v3; // rsi
 v0 = 0i64;
if ( !sub_FFFFF803467B13C0() )
   SystemAddress = (char *)g_GetSystemAddress(L"SeSetAuditParameter");
   if ( SystemAddress )
     v2 = SystemAddress + 16;
     v3 = SystemAddress + 528;
     while ( v2 != v3 )
       if ( MmIsAddressValid_1(\vee2) && MmIsAddressValid_1(\vee2 + 1) && *\vee2 == 0xFF && \vee2[1] == 0xE1 )
       ++v2;
   }
 return (_BYTE *)v0;
```

这里具体也可以参考大表哥的帖子,我按表哥帖子,结果发现那部分代码已经被vm了。

1 2.反手hook创建线程得到真实的线程地址。

```
Joginone
                                                              1 NTSTATUS g_StartRoutineHid0()
                                                      FFFFF
g_StartRoutineHid0
                                       .text
f g_StartRoutineHid1
                                                      FFFFF
                                                                   while ( !(_BYTE)byte_FFFFF80346878551 )
f g_StartRoutineHid2
                                       .text
                                                                     sub_FFFFF803467B45C0();
                                                                   g_Ksleep(0x3E8u);
                                                            8
                                                                   return PsTerminateSystemThread(0);
```

g_StartRoutineHid0内容:

```
V2 = 0164;
RtlInitUnicodeString(&DestinationString, L"\\Driver");
ObjectAttributes.Length = 48;
ObjectAttributes.ObjectName = &DestinationString;
ObjectAttributes.RootDirectory = 0i64;
ObjectAttributes.Attributes = 576;
*(_OWORD *)&ObjectAttributes.SecurityDescriptor = 0i64;
v3 = ZwOpenDirectoryObject(&DirectoryHandle, 1u, &ObjectAttributes);
  v3 = ObReferenceObjectByHandle_1(DirectoryHandle, 0, 0i64, 0, &Object, 0i64);
  if ( v3 >= 0 )
    v5 = (PVOID **)Object;
    LOBYTE(v3) = MmIsAddressValid_1(Object);
    if ( (_BYTE)v3 )
    {
      v6 = 37i64;
      do
        for ( i = *v5; i; i = (PVOID *)*i)
          LOBYTE(v3) = MmIsAddressValid_1(i); if ( !(_BYTE)v3 )
            break;
          v8 = i[1];
if (!v8)
```

g_StartRoutineHid1内容:





g_StartRoutineHid2内容:

句柄表遍历





















拿来吧你

```
char __fastcall g_CheckProcessHandlesCallback(
        void *rcx0,
        __int64 a2,
        __int64 a3,
__int64 a4,
        struct _KPROCESS *a5,
        int a6,
        int a7,
        __int64 a8,
        __int64 a9)
  ULONG v9; // edx
 PEPROCESS process; // [rsp+30h] [rbp-38h]
HANDLE ProcessId; // [rsp+48h] [rbp-20h]
 if ( rcx0 )
  {
    if ( a2 )
      if ( a5 )
        if ( a3 )
          if ( a8 )
             if ( a9 )
               if ( (POBJECT_TYPE *)sub_FFFFF80737781AB8((__int64)a5) == PsProcessType )
                 process = g_GetProcessObj(rcx0);
                 if ( process )
                   WdmlibIoValidateDeviceIoControlAccess_1((PIRP)process, v9);
                   if ( !g_IsProtectProcess(process) )
                   {
                     if ( g_IsProtectProcess(a5) )
                     {
                       ProcessId = PsGetProcessId(a5);
                        sub_FFFFF80737766540(ProcessId);
```

这个是在线程里边的

```
int64 _fastcall sub_FFFFF80737772C00(
     __int64 a1,
__int64 a2,
                                                                                       t64 __fastcall sub_FFFFF80737772AF0(__int64 a1)
                                                                                    unsigned int v2; // [rsp+20h] [rbp-18h]
POBJECT_TYPE *v3; // [rsp+28h] [rbp-10h]
      __int64 a3,
       __int64 a4,
      PETHREAD Thread,
                                                                                   v2 = 0;
if ( a1 )
      int a6,
      int a7,
__int64 a8,
__int64 a9,
                                                                                    __int64 a10)
                                                                              11
                                                                             121314
 _DWORD *v11; // [rsp+28h] [rbp-20h]
                                                                                      else if ( v3 == ExEventObjectType )
if ( a1 && a2 && Thread && a3 && a8 && a9 && a10 )
                                                                             15
• 16
17
  if ( *(_QWORD *)(a10 + 16) )
                                                                                      else if ( v3 == ExSemaphoreObjectType )
    ++**(_DWORD **)(a10 + 16);
                                                                              19
  else if ( *(_DWORD *)(a10 + 12) < *(_DWORD *)(a10 + 8) )
else if ( v3 == PsProcessType )
                                                                                      else if ( v3 == PsThreadType )
    v11[3] = *(_DWORD *)(a3 + 8);
if ( v11[2] == 12 )
                                                                              27
                                                                                        return 12:
      v11[265] = (unsigned int)PsGetThreadId(Thread);
                                                                                      else if ( v3 == PsJobType )
                                                                             31
• 32
    else if ( v11[2] == 11 )
                                                                                        return 13;
                                                                            32
33
34
35
36
37
38
39
40
41
42
      v11[266] = (unsigned int)PsGetProcessId_1(Thread);
g_GetProcessFileInfomation_1(Thread, (char *)v11 + 538, 0x20Au);
                                                                                      else if ( v3 == SeTokenObjectType )
                                                                                        return 14;
    ++*(_DWORD *)(a10 + 12);
                                                                                      else
 return 0i64;
                                                                                        return 25;
```

这个是3环接口使用的

部分信息查询











我就查一下怎么了





```
_int64 sub_FFFFF8073778C650()
  unsigned int v0; // ebx
unsigned int tid; // esi
  PETHREAD ThreadObj; // rax
 IRP *v3; // rdi
ULONG v4; // edx
  unsigned int v5; // ebp
 IRP *v6; // rsi
ULONG v7; // edx
  __int64 v9; // [rsp+40h] [rbp+8h] BYREF
  v9 = 0i64;
  tid = 8;
  while ( 1 )
    ThreadObj = g_GetThreadObj((HANDLE)tid);
    v3 = (1KP *)Thre
if ( ThreadObj )
     break;
LABEL_6:
    tid += 4;
    if ( tid > 0x40000 )
     goto LABEL 7:
    ( (int)g_GetThreadStartAddress(ThreadObj, &v9) < 0 || (unsigned __int64)(v9 - 1) > 0x7FFFFFFFFDi64 )
    WdmlibIoValidateDeviceIoControlAccess_1(v3, v4);
    v3 = 0i64;
    goto LABEL_6;
LABEL_7:
if ( v3 )
     int64 v18; // [rsp+A0h] [rbp+18h]
   PSYSTEM_PROCESS_INFORMATION P; // [rsp+A8h] [rbp+20h] BYREF
   if ( a1 )
  {
    v18 = a3;
     P = 0i64;
     if ( a2 )
       v5 = g_QuerySystemInformation(SystemProcessInformation, &P, &v17);
       if (\sqrt{5} >= 0)
       {
         if ( !P )
            return;
          if ( v17 )
          {
            v7 = P;
            if ( P->UniqueProcessId == a1 )
LABEL_9:
              NumberOfThreads = v7->NumberOfThreads;
              if ( NumberOfThreads )
                p_HardFaultCount = &v7[1].HardFaultCount;
                 v11 = NumberOfThreads;
                 do
                   v12 = (void *)*((_QWORD *)p_HardFaultCount + 4);
v13 = *(_QWORD *)p_HardFaultCount;
                   v14 = p_HardFaultCount[13];
                   v16[0] = 0i64;
                   g_GethThreadTodwStartAddres(v12, v16);
                    az((__into4)ai, (__into4)viz, vio[0], vis,
                                                                       v14, v15, v18);
                   p_HardFaultCount += 20;
                   --v11;
               }
while ( v11 );
v6 = P;
```



```
__int64 __tastcall sub_FFFFF8073777FB28(_QWORD *a1)
 int SystemInformation; // ebx
 _DWORD *v3; // rax
 if ( a1 )
   SystemInformation = g_QuerySystemInformation(SystemModuleInformation, a1, 0i64);
   if ( SystemInformation >= 0 )
      v3 = (DWORD *)*a1;
      if ( !*a1 || v3 == (_DWORD *)-8i64 )
        return 0x8000001A;
      else
        sub_FFFFF80737780000((__int64)(v3 + 2), 0, *v3 - 1);
   }
 else
   return 0xC00000EF;
 return (unsigned int)SystemInformation;
 F3131ET_FROCE33_INFORMATION F, // [15PTZ/81] [10PTION] DIRECT
 if ( a1 )
   P = 0i_0 4;
   if ( (Int)g_QuerySystemInformation(SystemProcessInformation, &P, &v9) < 0 )</pre>
LABEL_11:
     if ( P )
   ExFreePoolWithTag(P, 0);
   else
     if ( P )
       while ( 1 )
         ProcessObj = (IRP *)g_GetProcessObj(v4->UniqueProcessId);
         if ( ProcessObj )
           sub_FFFFF807377B0F00(v8, 0i64, 0x20Aui64);
            if \ ( \ (int)g\_GetProcessFileInfomation\_0((struct \_KPROCESS \ ^*)ProcessObj, \ v8, \ 0x208u) \ >= \ 0 
             && !a1(v4->UniqueProcessId, v4->InheritedFromUniqueProcessId, (char *)v8, v4->NumberOfThreads, a2) )
             WdmlibIoValidateDeviceIoControlAccess_1(ProcessObj, v6);
             goto LABEL_11;
           WdmlibIoValidateDeviceIoControlAccess_1(ProcessObj, v6);
         NextEntryOffset = v4->NextEntryOffset;
         if ( !(_DWORD)NextEntryOffset )
           goto LABEL_11;
         v4 = (PSYSTEM_PROCESS_INFORMATION)((char *)v4 + NextEntryOffset);
 }
  _int64 __fastcall sub_FFFFF807377899B0(_QWORD *a1)
  unsigned int v1; // ebx
  int v3; // eax
  DWORD *v4; // rcx
  ULONG v6; // [rsp+38h] [rbp+10h] BYREF
  PVOID P; // [rsp+40h] [rbp+18h] BYREF
  v1 = 0;
  v6 = 0;
  P = 0i64;
  v3 = g_QuerySystemInformation(SystemModuleInformation, &P, &v6);
  v4 = P;
  if (v3 >= 0)
    if ( !P )
      return v1;
    if ( a1 )
      *a1 = *((_QWORD *)P + 3);
    v1 = v4[8];
  if ( v4 )
   ExFreePoolWithTag(v4, 0);
  return v1;
```









```
__int64 __fastcall sub_FFFFF80737771B10(_QWORD *a1, _DWORD *a2)
 NTSTATUS SystemInformation_1; // [rsp+20h] [rbp-48h] ULONG NumberOfBytes[3]; // [rsp+24h] [rbp-44h] BYREF int SystemInformation[8]; // [rsp+30h] [rbp-38h] BYREF
 memset(NumberOfBytes, 0, sizeof(NumberOfBytes));
 if ( a1 && a2 )
   SystemInformation[0] = 0;
memset(&SystemInformation[2], 0, 0x18ui64);
SystemInformation_1 = ZwQuerySystemInformation_1(SystemBigPoolInformation, SystemInformation, 0x20u, NumberOfBytes);
if ( !SystemInformation_1 || SystemInformation_1 == -1073741820 )
     NumberOfBytes[0] += 4096;
*(_QWORD *)&NumberOfBytes[1] = ExAllocatePoolWithTag(NonPagedPool, NumberOfBytes[0], 0x6B737074u);
if ( *(_QWORD *)&NumberOfBytes[1] )
       *(PVOID *)&NumberOfBytes[1],
                                 NumberOfBytes[0],
                                 NumberOfBytes);
       if ( !SystemInformation_1 )
         *a1 = *(_QWORD *)&NumberOfBytes[1];
*a2 = NumberOfBytes[0];
     else
       SystemInformation_1 = -1073741664;
 else
   SystemInformation 1 = -1073741811;
int64 __fastcall sub_FFFFF80737772750(void *a1)
unsigned int v2; // [rsp+20h] [rbp-238h]
wchar_t Str1[264]; // [rsp+30h] [rbp-228h] BYREF
v2 = 0;
if ( a1 )
  memset(Str1, 0, 520);
  if ( QueryObject(a1, ObjectTypeInformation, Str1, 520) )
     if ( !wcsncmp(Str1, L"KeyedEvent", 0xAui64) )
        return 21;
     else if ( !wcsncmp(Str1, L"Key", 3ui64) )
        return 1;
     else if (!wcsncmp(Str1, L"File", 4ui64))
      return 2;
     else if (!wcsncmp(Str1, L"Event", 5ui64))
        return 3;
     else if ( !wcsncmp(Str1, L"Timer", 5ui64) )
        return 20;
     else if ( !wcsncmp(Str1, L"Token", 5ui64) )
        return 14;
     else if ( !wcsncmp(Str1, L"Mutant", 6ui64) )
        return 4;
```

页目录初始化









```
_int64 g_InitializeSystemSpace()
 unsigned __int64 v0; // rbx
 unsigned __int64 cr3; // rbx
  _int64 result; // rax
 int v3; // ecx
 _int64 v4; // r8
 _int64 v5; // rdx
 __int64 v6; // rbx
 v0 = \underline{\quad} readcr3();
 cr3 = v0 & 0xFFFFFFFFFFF6000ui64;
 result = (__int64)MmGetVirtualForPhysical((PHYSICAL_ADDRESS)cr3);
 v3 = 0;
 v4 = result;
 if ( result )
   v5 = 0i64;
   v6 = cr3 & 0xFFFFFFFF000i64;
   while (1)
     result = *(_QWORD *)(v4 + 8 * v5) & 0xFFFFFFFF000i64;
     if ( result == v6 )
       break;
     ++v3;
     if ( ++v5 >= 512 )
       return result;
   PteBase = (v3 + 0x1FFFE00i64) << 39;
   PdeBase = ((v3 + 0x1FFFE00i64) << 39) + ((__int64)v3 << 30);
   result = PdeBase + ((__int64)v3 << 21);
   PpeBase = result;
   PxeBase = result + ((__int64)v3 << 12);</pre>
return result;
```

驱动回调部分

回调接口部分的校验:

驱动的接口函数

☆ <u>首页</u>









理论上还是不要偷它回调了,虽然楼主试过了。

关于一些奥里给检查









```
_int64 v1; // rbx
    int64 v3; // rax
  DWORD *v4; // rsi
  v1 = 0i64;
  if ( a1 )
    if ( : ___
                  64i64) && *(_WORD *)a1 == 0x5A4D )
      v3 = *(int *)(a1 + 60);
      if ( (int)v3 <= 1024 )
        v4 = (_DWORD *)(a1 + v3);
                                                           == 0x4550 )
        if ( !.. _
                                 ==(a1 + v3, 248i64) && *∨
         return v4;
  return / DMADD *\v1.
    _int64 v2; // rdi
    _int64 v5; // rax
  unsigned int v6; // ecx
  __int64 v7; // r14
  __int64 v8; // r12
  __int64 v9; // r13
   _int64 v10; // r15
  unsigned int v11; // ecx
  unsigned int i; // esi
  char *v13; // rbp
  BOOLEAN (__stdcall **v14)(PVOID); // rax
  _BYTE *v15; // rax
  unsigned __int16 v16; // [rsp+60h] [rbp+8h]
  char *v17; // [rsp+68h] [rbp+10h]
  unsigned int v18; // [rsp+70h] [rbp+18h]
  v17 = (char *)a2;
  v2 = 0i64;
  if (!a1)
    return 0i64;
  if ( *(_WORD *)a1 != 0x5A4D )
    return 0i64;
  v5 = *(int *)(a1 + 60);
  if ( *(_DWORD *)(v5 + a1) != 0x4550 )
    return 0i64;
  if ( *(\_WORD *)(v5 + a1 + 24) == 0x20B )
    V6 = *(DWORD *)(V3 + d1 + 130);
    v6 = *(_DWORD *)(v5 + a1 + 120);
  v7 = v6;
  v8 = a1 + *(unsigned int *)(v6 + a1 + 36);

v9 = a1 + *(unsigned int *)(v6 + a1 + 32);
  v18 = *(_DWORD *)(v6 + a1 + 20);
  v10 = a1 + *(unsigned int *)(v6 + a1 + 28);
  v11 = v18;
  for ( i = 0; i < v11; ++i )
    if ( a2 > 0xFFFF )
      if ( i \ge *(DWORD *)(v7 + a1 + 24) )
        return 0i64;
      v16 = *(WORD *)(v8 + 2i64 * i):
快抹PE头
关于一部分标志检查
       给我看看
NTSTATUS KdDisableDebugger_0(void)
  if ( KdDisableDebugger )
    return KdDisableDebugger();
  else
    return 0xC0000002;
BOOLEAN KdRefreshDebuggerNotPresent_0(void)
  BOOLEAN result; // al
  result = 1;
  if ( KdRefreshDebuggerNotPresent )
    return KdRefreshDebuggerNotPresent() != 0;
  return result;
```

☆ <u>首页</u>

4



』 课程 <u>記</u> 招聘 **≣** 发现

```
V2[1/] = 0;
 SystemRoutineName.Length = 34;
 SystemRoutineName.MaximumLength = 36;
 SystemRoutineName.Buffer = (PWSTR)v2;
 g_KdDebuggerEnabled = (__int64)MmGetSystemRoutineAddress(&SystemRoutineName);// KdDebuggerEnabled
if ( !g_KdDebuggerNotPresent )
  v1.MaximumLength = 42;
  v1.Buffer = (PWSTR)v3;
  g_KdDebuggerNotPresent = (__int64)MmGetSystemRoutineAddress(&v1);// KdDebuggerNotPresent
  _int64 g_GetProcessDebugPortOffset()
  unsigned int v0; // ebx
  char *SystemAddress; // rax
  unsigned int v2; // eax
  SystemAddress = (char *)g_GetSystemAddress(L"PsGetProcessDebugPort"
  if ( SystemAddress )
    v2 = *(_DWORD *)(SystemAddress + 3);
    if ( v2 - 0xA1 > 0x1F5E )
     return 0;
    return v2;
参考
https://bbs.pediy.com/thread-260331.htm
https://bbs.pediy.com/thread-254276.htm
```

【公告】看雪·众安 2021 KCTF秋季赛 【最受欢迎战队奖】评选开始!





















Names ①

ace-game.sys

ACE-GAME.sys

nKgZdX

ACE-GAME64

iBiJpFnPjRu

uRcPdAxKhQnPoQbCfUvR

sOyKwEyLrXaHIC

sKeCkSaJyGyFzOcDIE

eKoDgVtNlUaYsRq

yBmXlBaDdH

fGpVhBbRmOeJxZgHdD

yFsOpMiJiV

jZfDvOgZcFnGiFfWkWj

xGuJeY

gAzPqCuAv

kNxLIQdKID

hGaMpUbZuPf

bMnCjVkCtSb

xYyDkFkFfCoVvJfZsLxV

zlzBmTeYeOiTwTcFtYvTh

tTpShYdO

tEINjErFdEuCcTi

fNmWjMiQwYqZyH

nMhSrFyNzNtGxW

mUuUmZwCk

IFnIxFcXhEt

wLqQiWnWpG

vZdYkX

ace-base.sys

kRkBwldEpDsGcBjW

zQdDbQ





<u>课程</u>











Files Written

C:\ACE-GAME.sys

C:\ACE-BASE.sys

C:\mfc140d.dll

Files Deleted

C:\ACE-GAME.sys

C:\ACE-BASE.sys

C:\mfc140d.dll

00:00	System:4:60	SetValueKey	[<hklm>\SYSTEM\CURRENTCONTROLSET\ENUM\ROOT\LEGACY_QZELVBZ\0000] 'Class' = 'LegacyDriver'</hklm>	
00:00	System:4:60	SetValueKey	$ [< HKLM > SYSTEM \setminus CURRENTCONTROLSET \setminus ENUM\setminus ROOT \setminus LEGACY _QZELVBZ \setminus 0000] \ 'ClassGUID' = ' \{ 8ECC055D-047F-11D1-A537-0000F8753ED1 \}' $	
00:00	System:4:60	SetValueKey	[<hklm>\SYSTEM\CURRENTCONTROLSET\ENUM\ROOT\LEGACY_QZELVBZ\0000] 'DeviceDesc' = 'qzelvbz'</hklm>	
00:00	System:4:60	SetValueKey	$[\mbox{\tt SYSTEM}\mbox{\tt CURRENTCONTROLSET}\mbox{\tt SERVICES}\mbox{\tt zelvbz}\mbox{\tt Enum}] \mbox{\tt '0'} = \mbox{\tt 'Root}\mbox{\tt LEGACY}\mbox{\tt QZELVBZ}\mbox{\tt 20000'} \mbox{\tt legacy}\mbox{\tt legacy}\mbo$	
00:00	System:4:60	SetValueKey	[<hklm>\SYSTEM\CURRENTCONTROLSET\SERVICES\qzelvbz\Enum] 'Count' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	[<hklm>\SYSTEM\CURRENTCONTROLSET\SERVICES\qzelvbz\Enum] 'Nextinstance' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	$ [< HKLM > \SYSTEM \setminus CURRENTCONTROLSET \setminus ENUM \setminus ROOT \setminus LEGACY_QZELVBZ \setminus 0000 \setminus Control] \ 'Active Service' = 'qzelvbz' $	
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\qzelvbz\Enum] 'Count' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\qzelvbz\Enum] 'Nextinstance' = '00000001'</hklm>	
00:00	System:4:60	WriteFile	' <drivers>\ace-game.sys' Offset = 0x0 Length = 752768</drivers>	0
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\ACE-GAME] 'Type' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\ACE-GAME] 'ErrorControl' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\ACE-GAME] 'Start' = '00000001'</hklm>	0
00:00	System:4:60	SetValueKey	[<hklm>\System\CurrentControlSet\Services\ACE-GAME] 'WOW64' = '00000001'</hklm>	
00:00	System:4:60	SetValueKey	$[\mbox{\ensuremath{\mbox{\scriptsize $($\mbox{\scriptsize $($\mbox{\scriptsize $($\mbox{\scriptsize $($)$}}$})$}]'ImagePath' = '\mbox{\ensuremath{\mbox{\scriptsize $($)$}}} ACE-GAME.sys'}} the control of the cont$	0
00:00	System:4:60	SetValueKey	$[\mbox{\ensuremath{\sf CHKLM}}\mbox{\ensuremath{\sf NSystem}}\mbox{\ensuremath{\sf CurrentControlSet}}\mbox{\ensuremath{\sf Services}}\mbox{\ensuremath{\sf ACE-GAME}}\mbox{\ensuremath{\sf DisplayName}' = 'ACE-GAME' \mbox{\ensuremath{\sf ACE-GAME}'}\mbox{\ensuremath{\sf CurrentControlSet}'\mbox{\ensuremath{\sf CurrentControlSet}'}\mbox{\ensuremath{\sf CurrentControlSet}'\mbox{\ensuremath{\sf CurrentControlSet}'\ensurema$	
00:00	System:4:60	DriverLoad	DriverServiceName = "Registry\Machine\System\CurrentControlSet\Services\ACE-GAME"	0



LuciferAda 5天前

浩哥牛逼!!!!!!!!

4楼 00 0 •••





浩哥牛逼!!

5楼 0 0 •••



值得怀疑 🍊 4天前

6楼 0 •••

极客

<u>killleer</u> 你们可做个人吧。。。

最后一个图是什么工具??





killleer 👴 4天前

7楼 ₫ 0 •••

<u>續信件疑</u> 最后一个图是什么工具??

大蜘蛛的沙箱,好像得企业申请,有人给这一类上传到大蜘蛛沙箱去了,所以vt那里能看 到大蜘蛛沙箱的结果



<u>hixhi</u> 👴 4天前

8楼 00 0 •••

配图怪。图片比文章有意思了,这样可不行呀,老铁。



<u>课程</u>

招聘



首页



■ 课程 <u>記</u> 招聘