使用的是 aswArPot.sys 这个驱动,非常简单,熟悉驱动编写的很快会编写出POC,是前两天看到群友发的分析文章:

https://www.aon.com/cyber-solutions/aon_cyber_labs/yours-truly-signed-av-driver-weaponizing-an-antivirus-driver/



对应如下:

```
*(_DWORD *)a7 = result;
391
             a7[1] = 0i64;
392
             return resul
           case 0x9988C094
393
394
             if ( a3 != 4 || !a2 )
               goto LABEL_194;
esult = ((_int64 (_fastcall *)(_QWORD, _int64))sub_14001DC80)(*(unsigned int *)a2, a8);
395
396
             goto LABEL_148;
397
          case 0x9988C098:
if ( a3 != 8 || !a2 )
398
399
400
               goto LABEL_194;
401
             result = sub_14001DE10(*(unsigned int *)a2, *((unsigned int *)a2 + 1));
```

```
int64 fastcall sub_14001DC80(unsigned int a1)
2
    NTSTATUS v1; // eax
3
    unsigned int v2; // ebx
PVOID Object; // [rsp+30h] [rbp-39h] BYREF
4
5
    void *ProcessHandle; // [rsp+38h] [rbp-31h] BYREF
    struct _CLIENT_ID ClientId; // [rsp+40h] [rbp-29h] BYREF
    struct _OBJECT_ATTRIBUTES ObjectAttributes; // [rsp+50h] [rbp-19h] BYREF
8
    struct _KAPC_STATE ApcState; // [rsp+80h] [rbp+17h] BYREF
9
LØ
    memset(&ObjectAttributes.RootDirectory, 0, 20);
    ClientId.UniqueThread = 0i64;
12
    *(_OWORD *)&ObjectAttributes.SecurityDescriptor = 0i64;
13
    ClientId.UniqueProcess = (HANDLE)al
14
    ObjectAttributes.Length = 48;
    KeStackAttachProcess(qword_14004CD60, &ApcState);
    v1 = ZwOpenProcess(&ProcessHandle, 1u, &ObjectAttributes, &ClientId);
    v2 = v1 == 0;
18
19
    if (!v1)
20
      if ( !ObReferenceObjectByHandle(ProcessHandle, 0, 0i64, 0, &Object, 0i64) )
22
         switch ( dword_14004D448 )
           case 0x501:
             *(( DWORD *)Object + 146) &= ~0x2000u;
            break:
28
           case 0x502:
29
             *((_DWORD *)Object + 144) &= ~0x2000u;
30
             break;
           case 0x600:
             *((_DWORD *)Object + 138) &= ~0x2000u;
32
33
            break;
           case 0x601:
35
             *((_DWORD *)Object + 156) &= ~0x2000u;
            break;
           case 0x602:
             *((_DWORD *)Object + 154) &= ~0x2000u;
38
39
             break;
10
11
        ObfDereferenceObject(Object);
42
43
       v2 = ZwTerminateProcess(ProcessHandle, 0);
      ZwClose(ProcessHandle);
45
    KeUnstackDetachProcess(&ApcState);
16
    return v2;
```



POC的驱动交互代码:

```
int64 __fastcall sub_140050090(
    __int64 a1,
    unsigned int a2,
    __int64 a3,
    unsigned int a4,
    int a5,
    char a6,
    __int64 a7,
    __int64 a8,
    __int64 a9)

{
    if (!byte_140028980 )
        sub_140050000();
    return qword_1400289A8(a1, a2, a3, a4, a5, a6, a7, a8, a9);
}
```