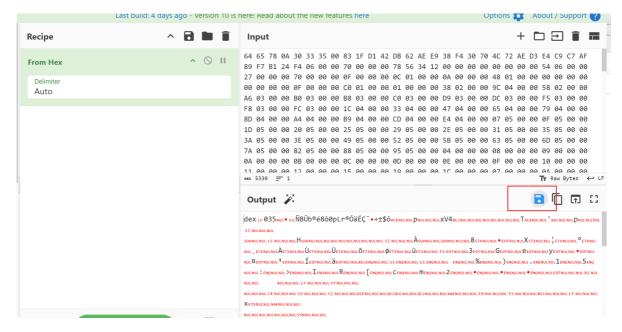
mobile2

libmobile04.so

Java_com_example_mobile04_MainActivity_getEncryptedSegment里面最底下

```
int64 fastcall Java_com_example_mobile04_MainActivity_getEncryptedSegment(__int6
   unsigned int v5; // ebp
   __int64 v6; // r14
   v3 = 254 * a3;
   v4 = 1780;
   if ( a3 != 6 )
     v4 = v3 + 254;
   v6 = (*(__int64 (__fastcall **)(__int64, _QWORD))(*(_QWORD *)a1 + 1408LL))(a1, v5)
(*(void (__fastcall **)(__int64, __int64, _QWORD, _QWORD, char *))(*(_QWORD *)a1 +
      &byte_1930[v3]);
                                       db
 00000000192E
000000000192F
                                       db
0000000001930 byte_1930
0000000001931
0000000001932
0000000001933
0000000001934
0000000001935
0000000001937
0000000001938
0000000001939
                                             1Fh
000000000193A
000000000193C
000000000193D
```

提出来赛博厨子解出来dex



jadx打开dex

```
import java.util.Arrays;
import javax.crypto.Cipher;
import javax.crypto.Cipher;
import javax.crypto.See.SecretKeySpec;

/* loaded from: C:\Users\p3cd0wm\Downloads\download (1).dex */
public class Sunday5 {
    public static native byte[] getKey();

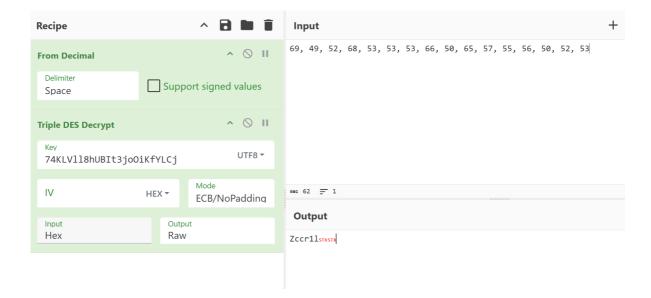
static {
        System.loadLibrary("Sunday");
    }

    public static byte[] encrypt(byte[] bArr) {
        try {
            byte[] key = getKey();
            if (key == null || key.length != 24) {
                  throw new RuntimeException("Invalid key from native");
        }
        SecretKeySpec secretKeySpec = new SecretKeySpec(key, "DESede");
        Cipher cipher = Cipher.getInstance("DESede/ECB/PKCSSPadding");
        cipher.init(1, secretKeySpec);
        return cipher.dofinal(bArr);
    } catch (Exception e) {
        throw new RuntimeException(e);
    }
}

public static boolean checkFlag(String str) {|
        return Arrays.equals(encrypt(str.getBytes()), new byte[](69, 49, 52, 68, 53, 53, 53, 66, 50, 65, 57, 55, 56, 50, 52, 53});
}
```

这里面是第一段的密文

libsunday.so找Java_com_example_mobile04_Sunday_getKey



libMonday.so找到Java_com_example_mobile04_a_checkFlag2里面的位移异或这一段

注意到xor了0x44

```
with open("enreal", "rb") as f:
    data = list(f.read())
for i in range(len(data)):
    data[i] = (data[i] << 2) | (data[i] >> 6)
    data[i] &= 0xff
    data[i] ^= 0x44 #这里进行修改
    data[i] = (data[i] >> 3) | (data[i] << 5)
    data[i] &= 0xff

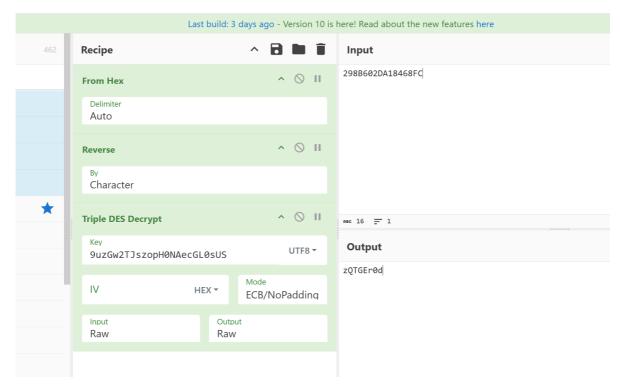
with open("decode_enreal", "wb") as f:
    f.write(bytes(data))
```

然后去/assets/x86_64解密里面的enreal



ida打开decode的enreal, real_check得到第二部分的key, 密文是最底下的那串十六进制

密文是



两部分拼接包ISCC即可