When 'Jailbreak Test 2' is tapped, the following swift function gets triggered:

```
evdaezgevdaezs-Mac_mini - % frida-trace -U -1 '*jail*' DVIA-v2
Instrumenting...

1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest2TappedyypF: Loaded handler at "/Users/evdaez/_handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_6aa20fff.js"
1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest4TappedyypF: Loaded handler at "/Users/evdaez/_handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetection() 8217c5bc.js"
1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest3TappedyypF: Loaded handler at "/Users/evdaez/_handlers__DVIA_v2/_T07DVIA_v232JailbreakDetection() 8217c5bc.js"
1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest3TappedyypF: Loaded handler at "/Users/evdaez/_handlers__DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest3TappedyypF: Loaded handler at "/Users/evdaez/_handlers__DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC19jailbreakTest3TappedyypF: Loaded handler at "/Users/evdaez/_handlers__DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC19jailbreakTest3yyF: Loaded handler at "/Users/evdaez/_handlers__DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC19jailbreakTest3yyF: Loaded handler at "/Users/evdaez/_handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC19jailbreakTest3yyF: Loaded handler at "/Users/evdaez/_handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetection() 8250635f.js"
1787DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest2TappedyypF()
```

When you disassemble and trace the code, on the comments section, there is something saying isJailbroken

```
x8, #0x100439000
x8, x8, #0xaf0
000000100192d70
000000100192d78
                                                 imp___stubs__objc_msgSend
x8, [fp, var_28]
w0, [sp, #0x70 + var_54]
000000100192d80
                                                  we, (sp, #ex/e + var_e4]
x0, x8
imp___stubs__objc_retain
x8, [fp, var_28]
x1, [sp, #ex/0 + var_40]
w9, [sp, #ex/0 + var_54]
000000100192d88
                                    mov
bl
0000000100192d8c
0000000100192d94
                                     ldr
                                                   w10, w9, #0x1
x0, [sp, #0x70 + var_60]
0000000100192d9c
                                    and
0000000100192da4
                                    mov
                                                   x1, x8
x20, [sp, #0x70 + var_38]
x8, [sp, #0x70 + var_68]
                                    mov
ldr
0000000100192dac
0000000100192db4
                                    ldr
0000000100192dbc
0000000100192dc0
                                    ldur
bl
                                   ldp
ldp
                                                   fp, lr, [sp, #0x70]
x20, x19, [sp, #0x60]
9999999199192464
000000100192dcc
    0000100192dd0
```

On the decompiled code you can access the isJailbroken function which will then check for files which exist on certain paths or if it can open any cydia url:

```
int __T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest2TappedyypF(int arg0) {
    r31 = r31 - 0x80;
    var_10 = r20;
    stack[-24] = r19;
    saved_fp = r29;
    stack[-8] = r30;
    var_28 = r20;
    var_30 = arg0;
    r0 = type metadata accessor for DVIA_v2.DVIAUtilities();
    var_40 = *(r0 + 0x58);
    r0 = type metadata accessor for __C.JailbreakDetection();
    var_48 = r0;
    var_50 = r0;
    if (*r0 = 0xe) {
        var_50 = *(var_48 + 0x8);

        var_54 = [var_50 isJailbroken];
        [var_28 retain];
        (var_40)(var_54 & 0x1, var_28);
        r0 = __swift_destroy_boxed_opaque_existential_0(var_30);
        return r0;
}
```

So in total there are 6 things that you need to bypass:

Results:

Modified code from

https://codeshare.frida.re/@DevTraleski/ios-jailbreak-detection-bypass-palera1n/

