Frida-trace:

```
evdaez@evdaezs-Mac-mini ~ % frida-trace -U -i '*jail*' DVIA-v2
Instrumenting...
_T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest2TappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_6aa20fff.js"
_T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest4TappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_8217c5bc.js"
_T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest1TappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_f34069fe.js"
_T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest3TappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_ab2cd03f.js"
_T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest5TappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_43991a7c.js"
_T07DVIA_v240ApplicationPatchingDetailsViewControllerC19jailbreakTestTappedyypF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v240ApplicationPatching_bdca7b85.js"
_T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF: Loaded handler at "/Users/evdaez/__handlers__/DVIA_v2/_T07DVIA_v232JailbreakDetectionV_f03b6d58.js"
Started tracing 7 functions. Press Ctrl+C to stop.
           /* TID 0x303 */
  2875 ms  _T07DVIA_v232JailbreakDetectionViewControllerC20jailbreakTest3TappedyypF()
  2875 ms     | _T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF()
```

DVIA_v2.JailbreakDetectionViewController.jailbreakTest3()

Decompilation is only useful because from there you can infer what function is used to check for the presence of jailbreak

```
int __T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF(int arg0) {
    var_20 = r22;
    stack[-40] = r21;
    var_10 = r20;
    stack[-24] = r19;
    saved_fp = r29;
    stack[-8] = r30;
    r29 = &saved_fp;
    r31 = r31 + 0xffffffffffffffd0 - 0x600;
    var_30 = 0x0;
    var_158 = r20;
    r0 = type metadata accessor for __C.FileManager();
    var_168 = r0;
    var_170 = r0;
    if (*r0 == 0xe) {
            var_170 = *(var_168 + 0x8);
    }
    r0 = [var_170 defaultManager];
    r29 = r29;
    var_178 = [r0 retain];
    Swift.String.init();
    var_188 = (extension in Foundation):Swift.String._bridgeToObjectiveC()();
    swift_unknownRelease(0x1);
    var_194 = [var_178 fileExistsAtPath:var_188];
    [var_188 release];
    [var_178 release];
    if ((var_194 & 0x1) != 0x0) {
            var_30 = 0x1;
    }
    else {
            var_1A0 = var_168;
            if (*var_168 == 0xe) {
                    var_1A0 = *(var_168 + 0x8);
            }
            r0 = [var_1A0 defaultManager];
            r29 = r29;
            var_1A8 = [r0 retain];
            Swift.String.init();
            var_1B8 = (extension in Foundation):Swift.String._bridgeToObjectiveC()();
            swift_unknownRelease(0x1);
            var_1C4 = [var_1A8 fileExistsAtPath:var_1B8];
            [var_1B8 release];
            [var_1A8 release];
            if ((var_1C4 & 0x1) != 0x0) {
                    var_30 = 0x1;
            }
            else {
                    var_1D0 = var_168;
                    if (*var_168 == 0xe) {
                            var_1D0 = *(var_168 + 0x8);
                    }
                    r0 = [var_1D0 defaultManager];
                    r29 = r29;
                    var_1D8 = [r0 retain];
                    Swift.String.init();
                    var_1E8 = (extension in Foundation):Swift.String._bridgeToObjectiveC()();
                    swift_unknownRelease(0x1);
                    var_1F4 = [var_1D8 fileExistsAtPath:var_1E8];
```

Proceed with disassembled code:

```
__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF:        // DVIA_v2.JailbreakDetectionViewController.jailbreakTest3() -> ()
0000000010019523c    stp      x22, x21, [sp, #-0x30]!
0000000100195240    stp      x20, x19, [sp, #0x10]
0000000100195244    stp      fp, lr, [sp, #0x20]
0000000100195248    add      fp, sp, #0x20
000000010019524c    sub      sp, sp, #0x600
0000000100195250    mov      x1, #0x0
0000000100195254    stur     x20, [fp, var_28]
0000000100195258    sturb    wzr, [fp, var_30]
000000010019525c    str      x0, [sp, #0x620 + var_150]
0000000100195260    str      x20, [sp, #0x620 + var_158]
0000000100195264    str      x1, [sp, #0x620 + var_160]
0000000100195268    bl       __T0So11FileManagerCMa                      ; type metadata accessor for __C.FileManager
000000010019526c    ldr      x1, [x0]
0000000100195270    cmp      x1, #0xe
0000000100195274    mov      x1, x0
0000000100195278    str      x0, [sp, #0x620 + var_168]
000000010019527c    str      x1, [sp, #0x620 + var_170]
0000000100195280    b.ne     loc_100195290

0000000100195284    ldr      x8, [sp, #0x620 + var_168]
0000000100195288    ldr      x9, [x8, #0x8]
000000010019528c    str      x9, [sp, #0x620 + var_170]
```

Check for cydia file

```
loc_100195290:
0000000100195290    ldr      x0, [sp, #0x620 + var_170]          ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF+68
0000000100195294    adrp     x8, #0x100437000                    ; 0x100437f50@PAGE
0000000100195298    add      x8, x8, #0xf50                      ; 0x100437f50@PAGEOFF, &@selector(defaultManager)
000000010019529c    ldr      x1, [x8]                            ; argument "selector" for method imp___stubs__objc_msgSend, "defaultManager",@selector(defaultManager)
00000001001952a0    bl       imp___stubs__objc_msgSend           ; objc_msgSend
00000001001952a4    mov      fp, fp
00000001001952a8    bl       imp___stubs__objc_retainAutoreleasedReturnValue  ; objc_retainAutoreleasedReturnValue
00000001001952ac    adrp     x8, #0x10035d000                    ; 0x10035d8a0@PAGE
00000001001952b0    add      x8, x8, #0x8a0                      ; 0x10035d8a0@PAGEOFF, "/Applications/Cydia.app"
00000001001952b4    mov      w9, #0x17
00000001001952b8    mov      x1, x9
00000001001952bc    orr      w2, wzr, #0x1
00000001001952c0    str      x0, [sp, #0x620 + var_178]
00000001001952c4    mov      x0, x8
00000001001952c8    bl       imp___stubs___T0S2SBp21_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8CodeUnitCount: Builtin.Word, isASCII:
00000001001952cc    str      x2, [sp, #0x620 + var_180]
00000001001952d0    bl       imp___stubs___T0SS10FoundationE19_bridgeToObjectiveCSo8NSStringCyF ; (extension in Foundation):Swift.String._bridgeToObjectiveC() -> __C.NSString
00000001001952d4    ldr      x1, [sp, #0x620 + var_180]
00000001001952d8    str      x0, [sp, #0x620 + var_188]
00000001001952dc    mov      x0, x1                              ; argument "instance" for method imp___stubs__swift_unknownRelease
00000001001952e0    bl       imp___stubs__swift_unknownRelease   ; swift_unknownRelease
00000001001952e4    adrp     x8, #0x100438000                    ; 0x100438258@PAGE
00000001001952e8    add      x8, x8, #0x258                      ; 0x100438258@PAGEOFF, &@selector(fileExistsAtPath:)
00000001001952ec    ldr      x1, [x8]                            ; argument "selector" for method imp___stubs__objc_msgSend, "fileExistsAtPath:",@selector(fileExistsAtPath:)
00000001001952f0    ldr      x0, [sp, #0x620 + var_188]
00000001001952f4    ldr      x2, [sp, #0x620 + var_178]
00000001001952f8    str      x0, [sp, #0x620 + var_190]
00000001001952fc    mov      x0, x2                              ; argument "instance" for method imp___stubs__objc_msgSend
0000000100195300    ldr      x2, [sp, #0x620 + var_190]
0000000100195304    bl       imp___stubs__objc_msgSend           ; objc_msgSend
0000000100195308    ldr      x1, [sp, #0x620 + var_188]
000000010019530c    str      w0, [sp, #0x620 + var_194]
0000000100195310    mov      x0, x1                              ; argument "instance" for method imp___stubs__objc_release
0000000100195314    bl       imp___stubs__objc_release           ; objc_release
0000000100195318    ldr      x0, [sp, #0x620 + var_178]          ; argument "instance" for method imp___stubs__objc_release
000000010019531c    bl       imp___stubs__objc_release           ; objc_release
0000000100195320    ldr      w9, [sp, #0x620 + var_194]
0000000100195324    tbz      w9, 0x0, loc_100195338
```

Check for mobile substrate file

```
loc_100195358:
0000000100195358    ldr     x0, [sp, #0x620 + var_1A0]                  ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF+268
000000010019535c    adrp    x8, #0x100437000                           ; 0x100437f50@PAGE
0000000100195360    add     x8, x8, #0xf50                             ; 0x100437f50@PAGEOFF, &@selector(defaultManager)
0000000100195364    ldr     x1, [x8]                                   ; argument "selector" for method imp___stubs__objc_msgSend, "defaultManager",@selector(defaultManager)
0000000100195368    bl      imp___stubs__objc_msgSend                 ; objc_msgSend
000000010019536c    mov     fp, fp
0000000100195370    bl      imp___stubs__objc_retainAutoreleasedReturnValue ; objc_retainAutoreleasedReturnValue
0000000100195374    adrp    x8, #0x10035d000                           ; 0x10035d8c0@PAGE
0000000100195378    add     x8, x8, #0x8c0                             ; 0x10035d8c0@PAGEOFF, "/Library/MobileSubstrate/MobileSubstrate.dylib"
000000010019537c    mov     w9, #0x2e
0000000100195380    mov     x1, x9
0000000100195384    orr     w2, wzr, #0x1
0000000100195388    str     x0, [sp, #0x620 + var_1A8]
000000010019538c    mov     x0, x8
0000000100195390    bl      imp___stubs___T0S2SBpZ1_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8CodeUnitCount: Builtin.Word, isASCII:
0000000100195394    str     x2, [sp, #0x620 + var_1B0]
0000000100195398    bl      imp___stubs___T0SS10FoundationE19_bridgeToObjectiveCSo8NSStringCyF ; (extension in Foundation):Swift.String._bridgeToObjectiveC() -> __C.NSString
000000010019539c    ldr     x1, [sp, #0x620 + var_1B0]
00000001001953a0    str     x0, [sp, #0x620 + var_1B8]
00000001001953a4    mov     x0, x1                                     ; argument "instance" for method imp___stubs__swift_unknownRelease
00000001001953a8    bl      imp___stubs__swift_unknownRelease         ; swift_unknownRelease
00000001001953ac    adrp    x8, #0x100438000                           ; 0x100438258@PAGE
00000001001953b0    add     x8, x8, #0x258                             ; 0x100438258@PAGEOFF, &@selector(fileExistsAtPath:)
00000001001953b4    ldr     x1, [x8]                                   ; argument "selector" for method imp___stubs__objc_msgSend, "fileExistsAtPath:",@selector(fileExistsAtPath:)
00000001001953b8    ldr     x0, [sp, #0x620 + var_1B8]
00000001001953bc    ldr     x2, [sp, #0x620 + var_1A8]
00000001001953c0    str     x0, [sp, #0x620 + var_1C0]
00000001001953c4    mov     x0, x2                                     ; argument "instance" for method imp___stubs__objc_msgSend
00000001001953c8    ldr     x2, [sp, #0x620 + var_1C0]
00000001001953cc    bl      imp___stubs__objc_msgSend                 ; objc_msgSend
00000001001953d0    ldr     x1, [sp, #0x620 + var_1B8]
00000001001953d4    str     w0, [sp, #0x620 + var_1C4]
00000001001953d8    mov     x0, x1                                     ; argument "instance" for method imp___stubs__objc_release
00000001001953dc    bl      imp___stubs__objc_release                 ; objc_release
00000001001953e0    ldr     x0, [sp, #0x620 + var_1A8]                  ; argument "instance" for method imp___stubs__objc_release
00000001001953e4    bl      imp___stubs__objc_release                 ; objc_release
00000001001953e8    ldr     w9, [sp, #0x620 + var_1C4]
00000001001953ec    tbz     w9, 0x0, loc_100195400
```

Check for bash file

```
loc_100195420:
0000000100195420    ldr     x0, [sp, #0x620 + var_1D0]                  ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF+468
0000000100195424    adrp    x8, #0x100437000                           ; 0x100437f50@PAGE
0000000100195428    add     x8, x8, #0xf50                             ; 0x100437f50@PAGEOFF, &@selector(defaultManager)
000000010019542c    ldr     x1, [x8]                                   ; argument "selector" for method imp___stubs__objc_msgSend, "defaultManager",@selector(defaultManager)
0000000100195430    bl      imp___stubs__objc_msgSend                 ; objc_msgSend
0000000100195434    mov     fp, fp
0000000100195438    bl      imp___stubs__objc_retainAutoreleasedReturnValue ; objc_retainAutoreleasedReturnValue
000000010019543c    adrp    x8, #0x10035b000                           ; 0x10035b107@PAGE
0000000100195440    add     x8, x8, #0x107                             ; 0x10035b107@PAGEOFF, "/bin/bash"
0000000100195444    mov     w9, #0x9
0000000100195448    mov     x1, x9
000000010019544c    orr     w2, wzr, #0x1
0000000100195450    str     x0, [sp, #0x620 + var_1D8]
0000000100195454    mov     x0, x8
0000000100195458    bl      imp___stubs___T0S2SBpZ1_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8CodeUnitCount: Builtin.Word, isASCII:
000000010019545c    str     x2, [sp, #0x620 + var_1E0]
0000000100195460    bl      imp___stubs___T0SS10FoundationE19_bridgeToObjectiveCSo8NSStringCyF ; (extension in Foundation):Swift.String._bridgeToObjectiveC() -> __C.NSString
0000000100195464    ldr     x1, [sp, #0x620 + var_1E0]
0000000100195468    str     x0, [sp, #0x620 + var_1E8]
000000010019546c    mov     x0, x1                                     ; argument "instance" for method imp___stubs__swift_unknownRelease
0000000100195470    bl      imp___stubs__swift_unknownRelease         ; swift_unknownRelease
0000000100195474    adrp    x8, #0x100438000                           ; 0x100438258@PAGE
0000000100195478    add     x8, x8, #0x258                             ; 0x100438258@PAGEOFF, &@selector(fileExistsAtPath:)
000000010019547c    ldr     x1, [x8]                                   ; argument "selector" for method imp___stubs__objc_msgSend, "fileExistsAtPath:",@selector(fileExistsAtPath:)
0000000100195480    ldr     x0, [sp, #0x620 + var_1E8]
0000000100195484    ldr     x2, [sp, #0x620 + var_1D8]
0000000100195488    str     x0, [sp, #0x620 + var_1F0]
000000010019548c    mov     x0, x2                                     ; argument "instance" for method imp___stubs__objc_msgSend
0000000100195490    ldr     x2, [sp, #0x620 + var_1F0]
0000000100195494    bl      imp___stubs__objc_msgSend                 ; objc_msgSend
0000000100195498    ldr     x1, [sp, #0x620 + var_1E8]
000000010019549c    str     w0, [sp, #0x620 + var_1F4]
00000001001954a0    mov     x0, x1                                     ; argument "instance" for method imp___stubs__objc_release
00000001001954a4    bl      imp___stubs__objc_release                 ; objc_release
00000001001954a8    ldr     x0, [sp, #0x620 + var_1D8]                  ; argument "instance" for method imp___stubs__objc_release
00000001001954ac    bl      imp___stubs__objc_release                 ; objc_release
00000001001954b0    ldr     w9, [sp, #0x620 + var_1F4]
00000001001954b4    tbz     w9, 0x0, loc_1001954c8
```

Check for sshd file

```
loc_1001954e8:
00000001001954e8    ldr     x0, [sp, #0x620 + var_200]              ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF+668
00000001001954ec    adrp    x8, #0x100437000                         ; 0x100437f50@PAGE
00000001001954f0    add     x8, x8, #0xf50                           ; 0x100437f50@PAGEOFF, &@selector(defaultManager)
00000001001954f4    ldr     x1, [x8]                                 ; argument "selector" for method imp___stubs__objc_msgSend, "defaultManager",@selector(defaultManager)
00000001001954f8    bl      imp___stubs__objc_msgSend                ; objc_msgSend
00000001001954fc    mov     fp, fp
0000000100195500    bl      imp___stubs__objc_retainAutoreleasedReturnValue ; objc_retainAutoreleasedReturnValue
0000000100195504    adrp    x8, #0x10035b000                         ; 0x10035b111@PAGE
0000000100195508    add     x8, x8, #0x111                           ; 0x10035b111@PAGEOFF, "/usr/sbin/sshd"
000000010019550c    orr     w9, wzr, #0xe
0000000100195510    mov     x1, x9
0000000100195514    orr     w2, wzr, #0x1
0000000100195518    str     x0, [sp, #0x620 + var_208]
000000010019551c    mov     x0, x8
0000000100195520    bl      imp___stubs___T0S2SBp21_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8CodeUnitCount: Builtin.Word, isASCII:
0000000100195524    str     x2, [sp, #0x620 + var_210]
0000000100195528    bl      imp___stubs___T0SS10FoundationE19_bridgeToObjectiveCSo8NSStringCyF ; (extension in Foundation):Swift.String._bridgeToObjectiveC() -> __C.NSString
000000010019552c    ldr     x1, [sp, #0x620 + var_210]
0000000100195530    str     x0, [sp, #0x620 + var_218]
0000000100195534    mov     x0, x1                                   ; argument "instance" for method imp___stubs__swift_unknownRelease
0000000100195538    bl      imp___stubs__swift_unknownRelease        ; swift_unknownRelease
000000010019553c    adrp    x8, #0x100438000                         ; 0x100438258@PAGE
0000000100195540    add     x8, x8, #0x258                           ; 0x100438258@PAGEOFF, &@selector(fileExistsAtPath:)
0000000100195544    ldr     x1, [x8]                                 ; argument "selector" for method imp___stubs__objc_msgSend, "fileExistsAtPath:",@selector(fileExistsAtPath:)
0000000100195548    ldr     x0, [sp, #0x620 + var_218]
000000010019554c    ldr     x2, [sp, #0x620 + var_208]
0000000100195550    str     x0, [sp, #0x620 + var_220]
0000000100195554    mov     x0, x2                                   ; argument "instance" for method imp___stubs__objc_msgSend
0000000100195558    ldr     x2, [sp, #0x620 + var_220]
000000010019555c    bl      imp___stubs__objc_msgSend                ; objc_msgSend
0000000100195560    ldr     x1, [sp, #0x620 + var_218]
0000000100195564    str     w0, [sp, #0x620 + var_224]
0000000100195568    mov     x0, x1                                   ; argument "instance" for method imp___stubs__objc_release
000000010019556c    bl      imp___stubs__objc_release                ; objc_release
0000000100195570    ldr     x0, [sp, #0x620 + var_208]               ; argument "instance" for method imp___stubs__objc_release
0000000100195574    bl      imp___stubs__objc_release                ; objc_release
0000000100195578    ldr     w9, [sp, #0x620 + var_224]
000000010019557c    tbz     w9, 0x0, loc_100195590
```

Check for apt file

```
loc_1001955b0:
00000001001955b0    ldr     x0, [sp, #0x620 + var_230]              ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewCo
00000001001955b4    adrp    x8, #0x100437000                         ; 0x100437f50@PAGE
00000001001955b8    add     x8, x8, #0xf50                           ; 0x100437f50@PAGEOFF, &@selector(defaultManager)
00000001001955bc    ldr     x1, [x8]                                 ; argument "selector" for method imp___stubs__objc_msgSend, "defaultManager",@selector(defaultManager)
00000001001955c0    bl      imp___stubs__objc_msgSend                ; objc_msgSend
00000001001955c4    mov     fp, fp
00000001001955c8    bl      imp___stubs__objc_retainAutoreleasedReturnValue ; objc_retainAutoreleasedReturnValue
00000001001955cc    adrp    x8, #0x10035d000                         ; 0x10035d8f8@PAGE
00000001001955d0    add     x8, x8, #0x8f8                           ; 0x10035d8f8@PAGEOFF, "/etc/apt"
00000001001955d4    orr     w9, wzr, #0x8
00000001001955d8    mov     x1, x9
00000001001955dc    orr     w2, wzr, #0x1
00000001001955e0    str     x0, [sp, #0x620 + var_238]
00000001001955e4    mov     x0, x8
00000001001955e8    bl      imp___stubs___T0S2SBp21_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8Co
00000001001955ec    str     x2, [sp, #0x620 + var_240]
00000001001955f0    bl      imp___stubs___T0SS10FoundationE19_bridgeToObjectiveCSo8NSStringCyF ; (extension in Foundation):Swift.String._bridgeToObjectiveC() -> __C.NSString
00000001001955f4    ldr     x1, [sp, #0x620 + var_240]
00000001001955f8    str     x0, [sp, #0x620 + var_248]
00000001001955fc    mov     x0, x1                                   ; argument "instance" for method imp___stubs__swift_unknownRelease
0000000100195600    bl      imp___stubs__swift_unknownRelease        ; swift_unknownRelease
0000000100195604    adrp    x8, #0x100438000                         ; 0x100438258@PAGE
0000000100195608    add     x8, x8, #0x258                           ; 0x100438258@PAGEOFF, &@selector(fileExistsAtPath:)
000000010019560c    ldr     x1, [x8]                                 ; argument "selector" for method imp___stubs__objc_msgSend, "fileExistsAtPath:",@selector(fileExistsAtPath:)
0000000100195610    ldr     x0, [sp, #0x620 + var_248]
0000000100195614    ldr     x2, [sp, #0x620 + var_238]
0000000100195618    str     x0, [sp, #0x620 + var_250]
000000010019561c    mov     x0, x2                                   ; argument "instance" for method imp___stubs__objc_msgSend
0000000100195620    ldr     x2, [sp, #0x620 + var_250]
0000000100195624    bl      imp___stubs__objc_msgSend                ; objc_msgSend
0000000100195628    ldr     x1, [sp, #0x620 + var_248]
000000010019562c    str     w0, [sp, #0x620 + var_254]
0000000100195630    mov     x0, x1                                   ; argument "instance" for method imp___stubs__objc_release
0000000100195634    bl      imp___stubs__objc_release                ; objc_release
0000000100195638    ldr     x0, [sp, #0x620 + var_238]               ; argument "instance" for method imp___stubs__objc_release
000000010019563c    bl      imp___stubs__objc_release                ; objc_release
0000000100195640    ldr     w9, [sp, #0x620 + var_254]
0000000100195644    tbz     w9, 0x0, loc_100195654
```

Check if url can be opened

```
loc_1001958d8:
00000001001958d8    ldr     x0, [sp, #0x620 + var_308]              ; argument "instance" for method imp___stubs__objc_msgSend, CODE XREF=__T07DVIA_v232JailbreakDetectionViewControllerC14jailbreakTest3yyF+1676
00000001001958dc    adrp    x8, #0x100438000                         ; 0x100438cf8@PAGE
00000001001958e0    add     x8, x8, #0xcf8                           ; 0x100438cf8@PAGEOFF, &@selector(sharedApplication)
00000001001958e4    ldr     x1, [x8]                                 ; argument "selector" for method imp___stubs__objc_msgSend, "sharedApplication",@selector(sharedApplication)
00000001001958e8    bl      imp___stubs__objc_msgSend                ; objc_msgSend
00000001001958ec    mov     fp, fp
00000001001958f0    bl      imp___stubs__objc_retainAutoreleasedReturnValue ; objc_retainAutoreleasedReturnValue
00000001001958f4    adrp    x8, #0x10035d000                         ; 0x10035d930@PAGE
00000001001958f8    add     x8, x8, #0x930                           ; 0x10035d930@PAGEOFF, "cydia://package/com.example.package"
00000001001958fc    mov     w9, #0x23
0000000100195900    mov     x1, x9
0000000100195904    orr     w2, wzr, #0x1
0000000100195908    str     x0, [sp, #0x620 + var_310]
000000010019590c    mov     x0, x8
0000000100195910    bl      imp___stubs___T0S2SBp21_builtinStringLiteral_Bw17utf8CodeUnitCountBi1_7isASCIItcfC ; Swift.String.init(_builtinStringLiteral: Builtin.RawPointer, utf8CodeUnitCount: Builtin.Word, isASCII:
0000000100195914    bl      imp___stubs___T010Foundation3URLVACSgSS6string_tcfC ; Foundation.URL.init(string: Swift.String) -> Foundation.URL?
0000000100195918    str     x0, [sp, #0x620 + var_318]
000000010019591c    cbz     x0, loc_1001959Zc
```

Same as jailbreak 2:

```
evdaez@evdaezs-Mac-mini scripts % frida -U -l ./jb3.js DVIA-v2
    ____
   / _  |    Frida 16.1.3 - A world-class dynamic instrumentation toolkit
   | (_| |
   > _  |    Commands:
  /_/ |_|        help      -> Displays the help system
   . . . .       object?   -> Display information about 'object'
   . . . .       exit/quit -> Exit
   . . . .
   . . . .    More info at https://frida.re/docs/home/
   . . . .
   . . . .    Connected to iPhone (id=dbf1d4c5f4a1dc91993f0d23e966bd3192655422)


[iPhone::DVIA-v2 ]-> fileExistsAtPath: bypassing /Applications/Cydia.app
fileExistsAtPath: bypassing /bin/bash
fileExistsAtPath: bypassing /usr/sbin/sshd
fileExistsAtPath: bypassing /etc/apt
canOpenURL: cydia://package/com.example.package was successful with: 0x1, bypassing.
```

Jailbreak Detection

Some developers do a check for a jailbroken device and allow the application to function only if it isn't. Your task is to run this application on a jailbroken device and fool the application into thinking it is not jailbroken.

Jailbreak Test 1

Device is Not Jailbroken

OK

Jailbreak Test 5