

0x70438: stp x28, x27, [sp, #0x60]
0x7043c: stp x26, x25, [sp, #0x10]
0x70440: stp x24, x23, [sp, #0x20]
0x70444: stp x22, x21, [sp, #0x30]
0x70448: stp x20, x19, [sp, #0x40]
0x70450: stp x20, x19, [sp, #0x50]
0x70454: add x29, sp, #0x50
0x70458: sub sp, #0x220
0x70458: mov x19, sp
0x7045c: str x1, [x19, #0x10]
0x70460: str x0, [x19, #0x20]
0x70464: adrp x8, #0xcd000
0x70468: ldr x8, [x8, #0x590]
0x7046c: ldr x8, [x8]
0x70470: mov w25, #0x8a49, lsl #16
0x70474: movk w25, #0x4bct
0x70478: movk w27, #0x94e9, lsl #16
0x7047c: movk w27, #0x165
0x70480: movz w23, #0x7e83, lsl #16
0x70484: movk w23, #0xd7f
0x70488: movz w26, #0x7b7e, lsl #16
0x7048c: movk w26, #0xe1b
0x70490: movz w20, #0x797e, lsl #16
0x70494: movk w20, #0xa510
0x70498: str x8, [x19, #0x218]
0x7049c: movz w28, #0x7b7e, lsl #16
0x704a0: movk w28, #0xe1c
0x704a4: movz w24, #0x797e, lsl #16
0x704a8: movk w21, #0xa510
0x704ac: movk w21, #0xd83
0x704b0: movk w21, #0xe80
0x704b4: movz w22, #0xc6d1, lsl #16
0x704b8: movk w22, #0xd4d
0x704bc: adrp x8, #0xcd000
0x704c0: movk w8, #0xf88, lsl #16
0x704c4: movk w8, #0x72c5
0x704c8: str w9, [x19, #0x17d]
0x704cc: b #0x704dc

0x7076e: sub x8, sp, #0x7d0
0x7076e: mov sp, x8
0x70768: str x8, [x19, #0x28]
0x7077c: sub x8, sp, #0x7d0
0x7077c: mov sp, x8
0x70774: str x8, [x19, #0x30]
0x70778: movz w8, #0xf88, lsl #16
0x7077c: movk w8, #0x263a
0x70800: b #0x704f0

0x7070c: sub x8, sp, #0x20
0x70710: mov sp, x8
0x70714: str x8, [x19, #0x38]
0x70718: sub x8, sp, #0x10
0x7071c: mov sp, x8
0x70720: str x8, [x19, #0x40]
0x70724: movz w8, #0xabba, lsl #16
0x70728: movk w8, #0xcff
0x7072c: b #0x704f0

0x70688: str xzr, [x19, #0xc8]
0x7068c: movz w8, #0xd9e2, lsl #16
0x70690: movk w8, #0xd8d
0x70694: ldr x11, [x19, #0x20]
0x70698: movz w12, #0xb3e3, lsl #16
0x7069c: movk w12, #0x76d7
0x706a0: movz w13, #0xc6d1, lsl #16
0x706a4: movk w13, #0x17d6
0x706a8: b #0x706c4

0x706fe: str x11, [x19, #0x110]
0x70700: movz w8, #0xb0c3, lsl #16
0x70704: movk w8, #0x76d7
0x70708: b #0x706c4

0x7072c: ldr x8, [x19, #0xd0]
0x70730: ldr x8, [x8]
0x70734: str x8, [x19, #0x118]
0x70738: movz w8, #0x5f84, lsl #16
0x7073c: movk w8, #0x1879
0x70740: b #0x706c4

0x7083c: ldr x8, [x19, #0x118]
0x70840: add x1, x19, #0xc8
0x70844: movz w2, #0x1, lsl #16
0x70848: movk w2, #0x4
0x7084c: cmp w0, x11
0x70850: blr x8
0x70854: cmp w0, #0
0x70858: movz w8, #0xf291, lsl #16
0x7085c: movk w8, #0x797e, lsl #16
0x70860: movz w9, #0x91c, lsl #16
0x70864: movk w9, #0x5439
0x70868: csel w8, w9, w8, ne
0x7086c: b #0x704f0

0x7070b: ldr x0, [x19, #0xc8]
0x7070b: movz w8, #0x58b1, lsl #16
0x7070b: movk w8, #0xcdf23
0x7070c: b #0x71094

0x71128: str x0, [x19, #0x108]
0x7112c: movz w8, #0x3803, lsl #16
0x71130: movk w8, #0xa634
0x71134: b #0x71094

0x71100: ldr x8, [x19, #0x108]
0x71104: ldr x8, [x8]
0x71108: str x8, [x19, #0x110]
0x7110c: movz w8, #0x64ae, lsl #16
0x71110: movk w8, #0x8485
0x71114: b #0x71094

0x710e8: ldr x8, [x19, #0x110]
0x710ec: add x8, x8, #0x6d8
0x71100: str x8, [x19, #0xd0]
0x710f4: movz w8, #0xcdf2, lsl #16
0x710fc: movk w8, #0x44e1
0x7110c: b #0x71094

0x71148: ldr x8, [x19, #0x118]
0x7114c: adrp x1, #0xcd000
0x71150: ldr x1, [x1, #0x158]
0x71154: ldr x1, [x1, #0x158]
0x71158: ldr x0, [x19, #0xc8]
0x7115c: adrp x8, #0xcd000
0x71160: ldr x8, [x8, #0xf8f]
0x71164: str x0, [x8]
0x71168: bl #0xc4d0
0x7116c: ldr x8, [x19, #0xd8]
0x71170: adrp w9, #0xcd000
0x71174: ldr x9, [x9, #0xf18]
0x71178: str w0, [x9]
0x7117c: str x8, [x19, #0x98]
0x71180: movz w8, #0x1d59, lsl #16
0x71184: movk w8, #0x684f
0x71188: b #0x704f0

0x70384: ldr x0, [x19, #0x98]
0x70388: movz w1, #0x4d
0x70d90: bl #0xd530
0x70d94: cmp w0, #0
0x70d98: movz w8, #0xc4d3, lsl #16
0x70da0: movk w8, #0xc
0x70da4: movz w9, #0xd452, lsl #16
0x70da8: csel w8, w9, w8, ne
0x70dac: b #0x704f0

0x708e0: adrp x8, #0xcd000
0x708e4: ldr x8, [x8, #0xf18]
0x708e8: movz w9, #0x17
0x708ec: str w9, [x8]
0x708f0: movz w8, #0xc4d3, lsl #16
0x708f4: movk w8, #0xc
0x708f8: b #0x704f0

0x71030: adrp x8, #0xcd000
0x71034: str x8, [x8, #0xf18]
0x71038: ldr w8, [x8]
0x7103c: str w8, [x19, #0x58]
0x71040: movz w8, #0xd598, lsl #16
0x71044: movk w8, #0xd2d3
0x71048: b #0x704f0

0x7122c: ldr w8, [x19, #0x58]
0x71230: cmp w8, #0xe98f, lsl #16
0x71234: movz w8, #0xc917
0x71238: movz w9, #0xc240, lsl #16
0x7123c: movz w9, #0x4736
0x71240: movk w9, #0x4736
0x71244: csel w8, w9, w8, gt
0x71248: b #0x704f0

0x70c00: adrp x8, #0xcd000
0x70c04: ldr x8, [x8, #0xc8]
0x70c08: str w9, w9, #0
0x70c0c: str w9, [x8]
0x70c0e: movz w8, #0xe98f, lsl #16
0x70ce4: movk w8, #0xc191
0x70ce8: b #0x704f0

0x71008: bl #0x2c738
0x7100c: str w0, [x19, #0xa8]
0x71010: movz w8, #0xd96b, lsl #16
0x71014: movk w8, #0x46e9
0x71018: b #0x704f0

0x711d4: ldr w8, [x19, #0xa8]
0x711d8: cmp w8, #2
0x711dc: movz w8, #0x918, lsl #16
0x711e0: movk w9, #0x9a4
0x711e4: movz w9, #0xa514, lsl #16
0x711e8: movk w9, #0xc4a5
0x711ec: csel w8, w9, w8, eq
0x711f0: b #0x704f0

0x713c0: ldr x8, [x19, #0xc8]
0x713c4: str x8, [x19, #0xc0]
0x713c8: movz w8, #0x3d44, lsl #16
0x713cc: movk w8, #0x14e6
0x713d0: b #0x704f0

0x70c70: ldr x0, [x19, #0xc0]
0x70c74: bl #0x76f6
0x70c78: tst w0, #1
0x70c7c: movz w8, #0x9f8c, lsl #16
0x70c80: movk w8, #0xf9a4
0x70c84: movz w9, #0xc4f3, lsl #16
0x70c88: movk w9, #0x4922
0x70c8c: csel w8, w9, w8, ne
0x70c90: b #0x704f0

0x71418: ldr x8, [x19, #0x28]
0x7141c: str x8, [x19, #0x80]
0x71420: ldr x8, [x19, #0x80]
0x71424: ldr x0, [x19, #0x80]
0x71428: mov w1, w2
0x7142c: movz w2, #0x7d0
0x71430: bl #0xcda0
0x71434: ldr x8, [x19, #0x28]
0x71438: str x8, [x19, #8]
0x7143c: bl #0xcfa0
0x71440: mov w2, w0
0x71444: ldr x0, [x19, #8]
0x71448: adrp x1, #0xc5000
0x7144c: add x1, x1, #0xcac4
0x71450: bl #0xd690
0x71454: ldr x0, [x19, #8]
0x71458: adrp x1, #0xc5000
0x7145c: add x1, x1, #0xc4d
0x71460: bl #0xcdb0
0x71464: str x0, [x19, #0x88]
0x71468: movz w8, #0x5572, lsl #16
0x7146c: movk w8, #0xb585
0x71470: b #0x704f0

0x708ac: ldr x8, [x19, #0x88]
0x708b0: cmp x8, #0
0x708b4: movz w8, #0xc1e4, lsl #16
0x708b8: movk w8, #0x99e8
0x708bc: movz w9, #0x326d, lsl #16
0x708c0: movk w9, #0x3d77
0x708c4: csel w8, w9, w8, ne
0x708c8: b #0x704f0

0x70e24: ldr x8, [x19, #0x30]
0x70e28: str x8, [x19, #0x68]
0x70e2c: ldr x8, [x19, #0x68]
0x70e30: ldr x0, [x19, #0x68]
0x70e34: movz w1, w2
0x70e38: movz w2, #0x7d0
0x70e3c: bl #0xcda0
0x70e40: movz w8, #0x95cc, lsl #16
0x70e44: movk w8, #0x75cd
0x70e48: b #0x704f0

0x706e0: movn w8, #0
0x706e4: str w8, [x19, #0xc1c]
0x706e8: movz w8, #0x6fa4, lsl #16
0x706ec: movk w8, #0xf9
0x7070: b #0x704f0

0x70b8: ldr x8, [x19, #0xc30]
0x70b8c: str x8, [x19, #0x70]
0x70b90: ldr x2, [x19, #0x70]
0x70b94: ldr x0, [x19, #0x88]
0x70b98: adrp x1, #0xc5000
0x70b9c: add x1, x1, #0xc61f
0x70ba0: bl #0xcdd0
0x70ba4: ldr x0, [x19, #0x88]
0x70ba8: bl #0xc1f0
0x70bc0: ldr x0, [x19, #0x70]
0x70bc4: movz w1, #0x3a
0x70bc8: bl #0xd530
0x70bd0: cmp w8, #0x6b, lsl #16
0x70bd4: movk w8, #0x5369
0x70bd8: csel w8, w8, w8, eq
0x70be0: b #0x704f0

0x70638: ldr x0, [x19, #0x70]
0x7063c: adrp x1, #0xc5000
0x70640: add x1, x1, #0xcce9
0x70644: bl #0xc490
0x70648: str x0, [x19, #0xb8]
0x7064c: movz w8, #0x94e9, lsl #16
0x70650: movk w8, #0xc166
0x70654: b #0x704f0

0x705f8: ldr x8, [x19, #0xb8]
0x705fc: cmp x8, #0
0x70600: movz w8, #0x6fb, lsl #16
0x70604: movk w8, #0x5369
0x70608: csel w8, w8, w8, ne
0x7060c: b #0x704f0

0x70e88: bl #0xd330
0x70e8c: movz w8, #0x8a49, lsl #16
0x70e90: movk w8, #0x4bct
0x70e94: b #0x704f0

0x713e8: adrp x8, #0xcd000
0x713f0: ldr w8, [x8]
0x713f4: str w8, [x19, #0x7c]
0x713f8: movz w8, #0x6801, lsl #16
0x713fc: movk w8, #0x5d35
0x71400: b #0x704f0

0x70910: ldr w8, [x19, #0x7c]
0x70914: cmp w8, #0xf1
0x70918: movz w8, #0xc8d8, lsl #16
0x7091c: movk w8, #0x21cd
0x70920: movz w9, #0x6768, lsl #16
0x70924: movk w9, #0x1347
0x70928: csel w8, w9, w8, eq
0x7092c: b #0x704f0

0x707b8: bl #0xd2a0
0x707bc: movz w8, #0xc88d, lsl #16
0x707c0: movk w8, #0x21cd
0x707c4: b #0x704f0

0x712ac: bl #0xd6d0
0x712b0: movz w8, #0x1886, lsl #16
0x712b4: movk w8, #0x833f
0x712b8: b #0x704f0

0x70dec: ldr x0, [x19, #0xc8]
0x70df0: bl #0xcda0
0x70df4: tst w0, #1
0x70df8: movz w8, #0xcdf7, lsl #16
0x70dfc: movk w8, #0xaf9d
0x70e00: movz w9, #0xd952, lsl #16
0x70e04: movk w9, #0x5313e
0x70e08: csel w8, w9, w8, ne
0x70e0c: b #0x704f0

0x71208: bl #0xd030
0x7120c: movz w8, #0x7f7f, lsl #16
0x71210: movk w8, #0xa9bd
0x71214: b #0x704f0

0x70ec8: bl #0x2e998
0x70ecd0: str x0, [x19, #0x60]
0x70ecd4: ldr x8, [x19, #0x60]
0x70ecd8: w8, [x8]
0x70ecd0: cmp w8, #0
0x70ecd4: movz w8, #0x13da, lsl #16
0x70ecd8: movz w9, #0x64f, lsl #16
0x70ecdc: movk w9, #0xd6
0x70ec0: csel w8, w9, w8, ne
0x70ec4: b #0x704f0

0x70ca8: ldr x8, [x19, #0x38]
0x70cac: bl #0xd0a0
0x70cb0: movz w8, #0xc20f, lsl #16
0x70cb4: movk w8, #0xc66
0x70cb8: b #0x704f0

0x71318: ldr x8, [x19, #0x118]
0x7131c: ldr x8, [x8]
0x71320: str x8, [x19, #0x48]
0x71324: movz w8, #0x3deb, lsl #16
0x71328: movk w8, #0x695
0x71332: b #0x704f0

0x70c40: ldr x0, [x19, #0x48]
0x70c44: ldr x1, [x19, #0x60]
0x70c48: bl #0xc5a0
0x70c4c: str w0, [x19, #0x54]
0x70c50: movz w8, #0x6d8e, lsl #16
0x70c54: movk w8, #0x188d
0x70c58: b #0x704f0

0x70790: ldr w8, [x19, #0x54]
0x70794: cmp w8, #0
0x70798: movz w8, #0xcdf, lsl #16
0x707a0: movk w8, #0xb153
0x707a4: csel w8, w21, w8, ne
0x707a8: b #0x704f0

0x7061c: bl #0xd030
0x70620: movz w8, #0xcdf, lsl #16
0x70624: movk w8, #0xb153
0x70628: b #0x704f0

0x70dc4: ldr x0, [x19, #0x38]
0x70dc8: movz w8, #0x5d0
0x70dd0: movk w8, #0xb636, lsl #16
0x70dd4: b #0x704f0

0x71378: bl #0x2c738
0x7137c: str w0, [x19, #0x94]
0x71380: movz w8, #0xb1a, lsl #16
0x71384: movk w8, #0xfae
0x71388: b #0x704f0

0x71344: ldr w8, [x19, #0x94]
0x71348: cmp w8, #1
0x7134c: movz w8, #0x95ce, lsl #16
0x71350: movk w8, #0x1da
0x71354: movz w9, #0x5f5b, lsl #16
0x71358: movk w9, #0x741e
0x7135c: csel w8, w9, w8, eq
0x71360: b #0x704f0

0x70818: bl #0xf688
0x7081c: str w0, [x19, #0xac]
0x70820: movz w8, #0xcfc3, lsl #16
0x70824: movk w8, #0x2e09
0x70828: b #0x704f0

0x70fd4: ldr w8, [x19, #0xac]
0x70fd8: cmp w8, #0
0x70fde: movz w8, #0x95ce, lsl #16
0x70fe0: movk w8, #0x17da
0x70fe4: movz w9, #0x5753, lsl #16
0x70fe8: movk w9, #0xf09e
0x70fec: csel w8, w8, w9, ne
0x70ff0: b #0x704f0

0x71684: ldr x8, [x19, #0xc8]
0x71688: str x8, [x19, #0xb0]
0x7168c: movz w8, #0x9be1, lsl #16
0x71690: movk w8, #0x2d81
0x71694: b #0x704f0

0x70d34: ldr x0, [x19, #0xc0]
0x70d38: bl #0xd080
0x70d3c: tst w0, #1
0x70d40: movz w8, #0xf391, lsl #16
0x70d44: movk w8, #0x2012
0x70d48: csel w8, w24, w8, ne
0x70d4c: b #0x704f0

0x70664: bl #0xd030
0x70668: movz w8, #0xf391, lsl #16
0x7066c: movk w8, #0x2012
0x70670: b #0x704f0

0x7070c: adrp x8, #0xcd000
0x70714: ldr x8, [x8, #0x98]
0x70718: ldr x0, [x8]
0x7071c: ldr x2, [x19, #0x40]
0x70720: adrp x1, #0xc5000
0x70724: add x1, x1, #0xba6
0x70728: bl #0xc7c
0x70730: str w0, [x19, #0xc5]
0x70734: movz w8, #0x2c44, lsl #16
0x70738: movk w8, #0x5e0a
0x7073c: b #0x704f0

0x70d00: ldr w8, [x19, #0x5c]
0x70d04: cmp w8, #0
0x70d08: movz w8, #0x9c0e, lsl #16
0x70d0c: movk w8, #0x72ab
0x70d10: movz w9, #0xdabb, lsl #16
0x70d14: movk w9, #0x999b
0x70d18: csel w8, w9, w8, ne
0x70d1c: b #0x704f0

0x711a0: ldr x8, [x19, #0x40]
0x711a4: ldr x8, [x8]
0x711a8: ldr x0, [x19, #0x20]
0x711ac: ldr x1, [x19, #0x10]
0x711b0: bl x8
0x711b4: movz w8, #0x95c4, lsl #16
0x711b8: movk w8, #0x442
0x711bc: b #0x704f0

0x70f44: bl #0x2c728
0x70f48: bl #0xd20
0x70f4c: str x0, [x19, #0xa0]
0x70f50: movz w8, #0x3da7, lsl #16
0x70f54: movk w8, #0x3da7
0x70f58: b #0x704f0

0x71060: ldr x8, [x19, #0xa0]
0x71064: cmp x8, #0
0x71068: movz w8, #0xaf155, lsl #16
0x7106c: movk w8, #0xb155
0x71070: movz w9, #0x9bdf, lsl #16
0x71074: movk w9, #0x6c2e
0x71078: csel w8, w9, w8, ne
0x7107c: b #0x704f0

0x71628: add x8, x19, #0x118
0x7162c: str x8, [x19, #0xe8]
0x71630: movz w8, #0x9be1, lsl #16
0x71634: movk w8, #0x5359
0x71638: b #0x714c0

0x71588: ldr x8, [x19, #0x110]
0x71590: ldr x8, [x8]
0x71594: str x8, [x19, #0xf0]
0x71598: add x0, x19, #0xcd0
0x7159c: movz w8, #0xa6a1, lsl #16
0x715a0: movk w8, #0x7167
0x715a4: b #0x714e0

0x7163c: add x8, x19, #0x118
0x71640: str x8, [x19, #0x118]
0x71644: bl #0x2c728
0x71648: str x0, [x19, #0x108]
0x7164c: movz w8, #0x1e0e, lsl #16
0x71650: movk w8, #0xa3ca
0x71654: b #0x714e0

0x715cc: ldr w8, [x19, #0x104]
0x715d0: cmp w8, #0
0x715d4: movz w8, #0xf694, lsl #16
0x715d8: movk w8, #0x728
0x715dc: movz w9, #0xbaba, lsl #16
0x715e0: movk w9, #0xcfc2b
0x715e4: csel w8, w8, w9, ne
0x715e8: b #0x714e0

0x716a8: ldr x8, [x19, #0xc8]
0x716ac: movz w8, #0xcde1, lsl #16
0x716b0: movk w8, #0xb155
0x716b4: b #0x704f0

0x71280: movz w8, #0x9985, lsl #16
0x71284: movk w8, #0x7ac0
0x71288: movz w9, #0x1, lsl #16
0x7128c: movk w8, #0x5359
0x71290: str w9, [x19, #0x18]
0x71294: b #0x704f0

0x704cc: ldr x8, [x19, #0x80]
0x704d0: movz w8, #0x6fa4, lsl #16
0x704d4: movk w8, #0xf9
0x704d8: ldr w9, [x19, #0x1