```
0xaa2
 assert(0 == msg.value)
 $s2 = ad mask \& c[0x4]
 $s3 = ad_{mask} & c[0x24]
 $s5 = 0xffffffffffffffff & c[0x44]
 if (msg.sender == (ad mask & s[0x0])) goto 0x2f92
                                   0x2eec
                                   $s7 = 0x0
                                   $s8 = 0x0
                                                            0x2ef4
                                                            if ($s8 >= s[0x1]) goto 0x2f85
                    0x2f02
                    assert($s8 < s[0x1])
                    m[0x0] = 0x1
                    if ((ad mask \& s[$s8 + sha3(0x0, 0x20)]) != msg.sender) goto 0x2f78
                                                  0x2f70
                                                                         0x2f78
                                                  _ _ _ _ _ _ _
                                                  $s7 = 0x1
                                                                         $s8 = 0x1 + $s8
                                                  goto 0x2f85
                                                                         goto 0x2ef4
                                                  0x2f85
                                                  -----
                                                  assert($s7)
0x2f92
m[0x0] = 0xfffffffffffff & $s5
m[0x20] = 0x4
if (! (ad mask & (s[sha3(0x0, 0x40)] \Rightarrow 0x60)) == (ad mask & $s2)){
  $s5 = 0\bar{x}4
} else {
  $s9 = intcall1($s5, 0x3026)
   = intcall8($s5, $s2, 0x3031)
   = intcall10(\$s5, \$s3, 0x303b)
  $s5 = 0x0
assert($s5 \le 0x6)
m[$m] = 0xff \& $s5
return($m, (0x20 + $m) - $m)
```