Text

Description automatically generated  
  
30F315

2031

4013 -3

6031

700x100

A picture containing table

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated  
Text, letter

Description automatically generatedText

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated(a && !b) || (!a && b)

Table

Description automatically generatedTable

Description automatically generated with low confidence

Table

Description automatically generatedGraphical user interface, table, Word

Description automatically generated

|  |  |  |
| --- | --- | --- |
| Stage | Generic irmovq V, rB | Specific irmovq $128, %rsp |
| Fetch | Icode:ifun <- M1[PC]  rA:rB <- M1[PC+1]  valC <- M8[PC+2]  valP <- PC + 10 | Icode:ifun <- M1[0x016] = 3:0  rA:rB <- M1[0x017] = 4:8  valC <- M8[PC+2] = 0x018  valP <- PC + 10 = 0x020 |
| Decode |  |  |
| Execute | valE <- 0 + valC | valE <- 0 + valC = 0x018 |

A picture containing diagram

Description automatically generated

Table

Description automatically generated

Text

Description automatically generated

Text, letter

Description automatically generatedThat we get the address that is 8 bytes lower than what the %rsp is.