

BRK

Breakpoint instruction. A BRK instruction generates a Breakpoint Instruction exception. The PE records the exception in *ESR\_ELx*, using the EC value 0x3c, and captures the value of the immediate argument in *ESR\_ELx*.ISS.

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	1	0	1	0	1	0	0	0	0	1	imm16																0	0	0	0	0

BRK #<imm>

```
if IsFeatureImplemented(FEAT_BTI) then
    SetBTypeCompatible(TRUE);
```

Assembler Symbols

<imm> Is a 16-bit unsigned immediate, in the range 0 to 65535, encoded in the "imm16" field.

Operation

```
AArch64.SoftwareBreakpoint(imm16);
```