TRCIT, Trace Instrumentation

The TRCIT characteristics are:

Purpose

Generates an instrumentation packet in the trace.

Configuration

This instruction is present only when FEAT_ITE is implemented. Otherwise, direct accesses to TRCIT are undefined.

Attributes

TRCIT is a 64-bit System instruction.

Field descriptions

63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32
VALUE																															
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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

Bits [63:0]

Value to be included in the Instrumentation packet.

Executing TRCIT

Accesses to this instruction use the following encodings in the System instruction encoding space:

```
TRCIT <Xt>
```

op0	op1	CRn	CRm	op2
0b01	0b011	0b0111	0b0010	0b111

```
if PSTATE.EL == EL0 then
    AArch64.TRCIT(X[t, 64]);
elsif PSTATE.EL == EL1 then
    AArch64.TRCIT(X[t, 64]);
```

```
elsif PSTATE.EL == EL2 then
    AArch64.TRCIT(X[t, 64]);
elsif PSTATE.EL == EL3 then
    AArch64.TRCIT(X[t, 64]);
```

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