

Reserved, res0.

SUNIDEN, bit [1]

Secure User Non-Invasive Debug Enable.

SUNIDEN	Meaning
0b0	This bit has no effect on non-invasive debug.
0b1	Non-invasive debug is allowed in Secure EL0 using AArch32.

When Secure EL1 is using AArch32, the forms of non-invasive debug affected by this control are:

- The PC Sample-based Profiling Extension. See About the PC Sample-based Profiling Extension.
- When SelfHostedTraceEnabled() == FALSE, processor trace.
- Performance Monitors.

When Secure EL1 is using AArch64, this bit has no effect.

The reset behavior of this field is:

- On a Warm reset, this field resets to an architecturally unknown value.

SUIDEN, bit [0]

Secure User Invasive Debug Enable.

SUIDEN	Meaning
0b0	This bit does not affect the generation of debug exceptions at Secure EL0.
0b1	If EL1 is using AArch32, debug exceptions from Secure EL0 are enabled.

The reset behavior of this field is:

- On a Warm reset, this field resets to an architecturally unknown value.

Accessing SDER32_EL3

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

MRS <Xt>, SDER32_EL3

op0	op1	CRn	CRm	op2
0b11	0b110	0b0001	0b0001	0b001

```
if !HaveEL(EL3) || !HaveAArch32EL(EL1) then
    UNDEFINED;
elsif PSTATE.EL == EL0 then
    UNDEFINED;
elsif PSTATE.EL == EL1 then
    UNDEFINED;
elsif PSTATE.EL == EL2 then
    UNDEFINED;
elsif PSTATE.EL == EL3 then
    X[t, 64] = SDER32_EL3;
```

MSR SDER32_EL3, <Xt>

op0	op1	CRn	CRm	op2
0b11	0b110	0b0001	0b0001	0b001

```
if !HaveEL(EL3) || !HaveAArch32EL(EL1) then
    UNDEFINED;
elsif PSTATE.EL == EL0 then
    UNDEFINED;
elsif PSTATE.EL == EL1 then
    UNDEFINED;
elsif PSTATE.EL == EL2 then
    UNDEFINED;
elsif PSTATE.EL == EL3 then
    SDER32_EL3 = X[t, 64];
```

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