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ERET

Exception Return using the ELR and SPSR for the current Exception level. When executed, the PE restores *PSTATE* from the SPSR, and branches to the address held in the ELR.

The PE checks the SPSR for the current Exception level for an illegal return event. See *Illegal return events from AArch64 state*.

ERET is undefined at ELO.

ERET

```
if PSTATE.EL == <u>ELO</u> then UNDEFINED;
```

Operation

```
AArch64.CheckForERetTrap(FALSE, TRUE);
bits(64) target = ELR ELx[];

AArch64.ExceptionReturn(target, SPSR ELx[]);
```

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Internal version only: isa v33.64, AdvSIMD v29.12, pseudocode no diffs 2023 09 RC2, sve v2023-06 rel ; Build timestamp: 2023-09-18T17:56

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