WFE

Wait For Event is a hint instruction that indicates that the PE can enter a low-power state and remain there until a wakeup event occurs. Wakeup events include the event signaled as a result of executing the SEV instruction on any PE in the multiprocessor system. For more information, see *Wait For Event mechanism and Send event*.

As described in *Wait For Event mechanism and Send event*, the execution of a WFE instruction that would otherwise cause entry to a low-power state can be trapped to a higher Exception level.

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	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1

CRm   op2

```
WFE
```

```
// Empty.
```

Operation

```
integer localtimeout = 1 << 64;      // No local timeout event is generat
Hint_WFE(localtimeout, WFxType_WFE);
```