

The **rtla timerlat** tool is an interface for the *timerlat* tracer. The *timerlat* tracer dispatches a kernel thread per-cpu. These threads set a periodic timer to wake themselves up and go back to sleep. After the wakeup, they collect and generate useful information for the debugging of operating system timer latency.

The *timerlat* tracer outputs information in two ways. It periodically prints the timer latency at the timer *IRQ* handler and the *Thread* handler. It also enable the trace of the most relevant information via **osnoise:** tracepoints.