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Using the default settings of the debugger, there is no impact on the target system performance.

Under certain conditions, using the debugger can have an impact on the performance of the target system:

- Enabling **SYStem.Option.STALL** will cause the core to stop if the NEXUS message FIFO on the processor is full.
- If run-time memory access is enabled, the debugger can generate memory transactions while the processor is running. The debugger's memory transactions can occur concurrently to the processor's transactions and cause little delay.