

Appendix D

PML Benchmark Results

This appendix presents a number of figures that complete the graphs presented during the PML analysis in chapter 6. These were not included in the main body of the thesis because many test results share the same general performance pattern. Although, they may differ with regard to time scales due to the performance of each test platform.

The charts presented in Figure D.1 complement the chart shown in Figure 6.11 for Server.

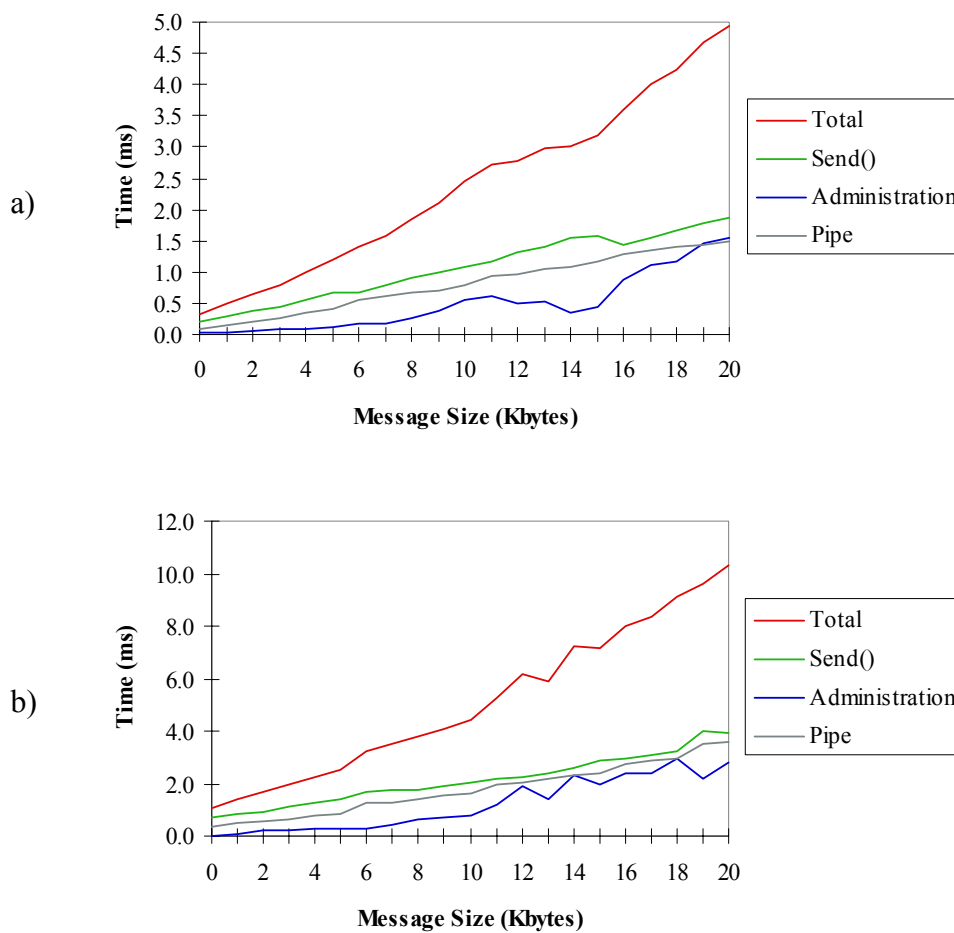


Figure D.1 Deconstructed PML overheads for sending a message under QNX: a) Pentium; c) Gateway.

The remaining platform chart for Figure 6.13 can be found in Figure D.2.

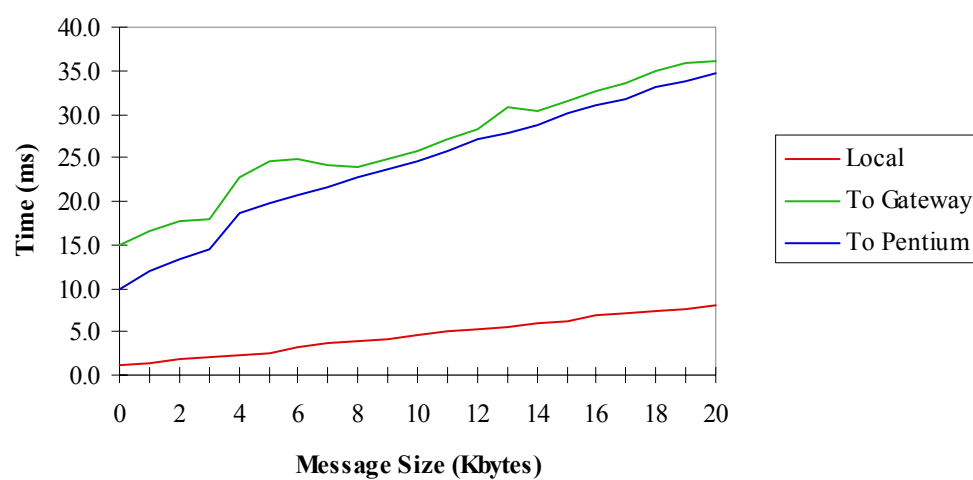


Figure D.2 PML message transmission latency between remote processes on Server.

The complementing graphs for Figure 6.16 may be found in Figure D.3.

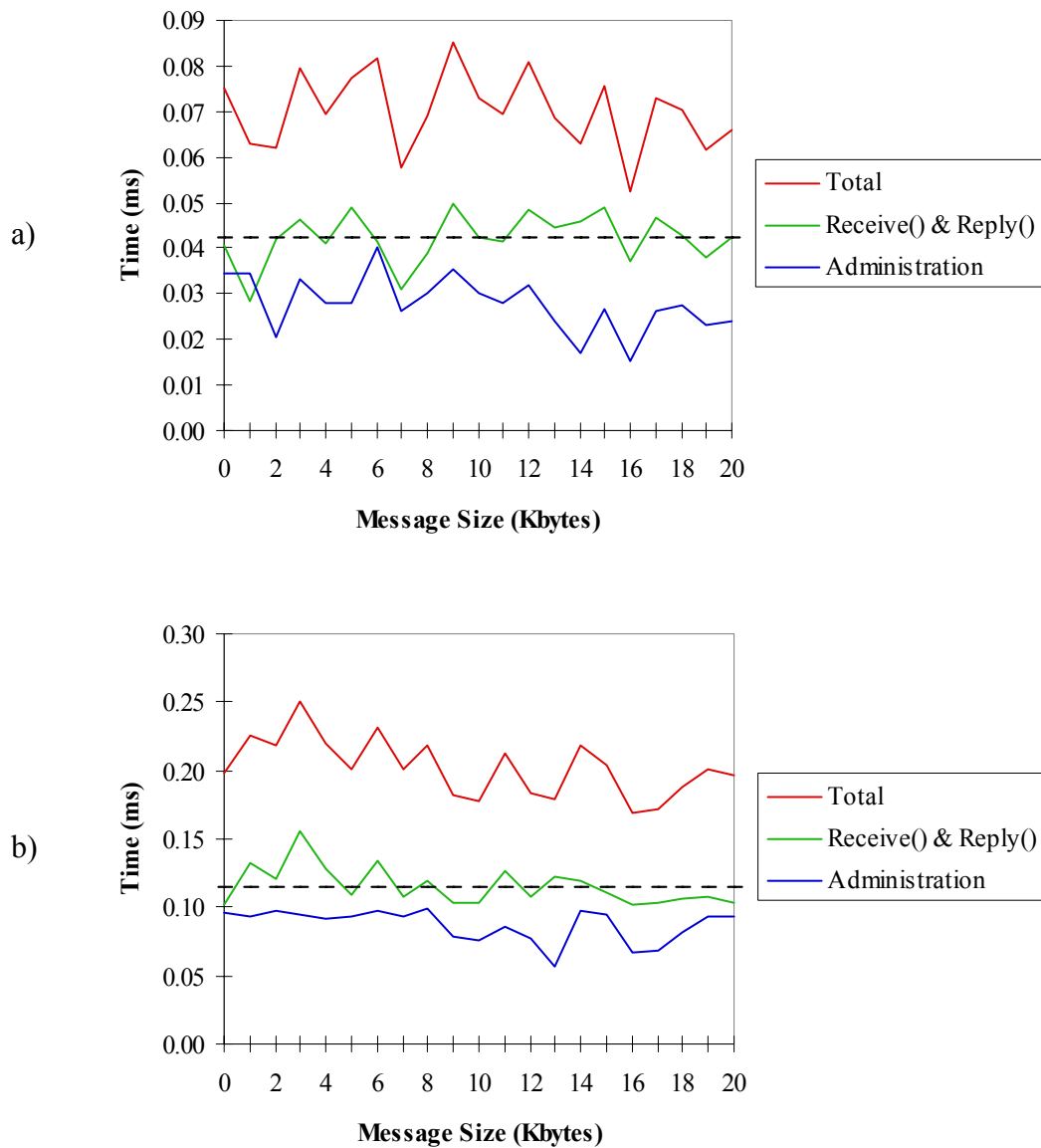


Figure D.3 Breakdown of a PML message receive under QNX: a) Pentium; b) Server.

Figure D.4 presents the complementing local/remote message reception performance charts for Figure 6.17.

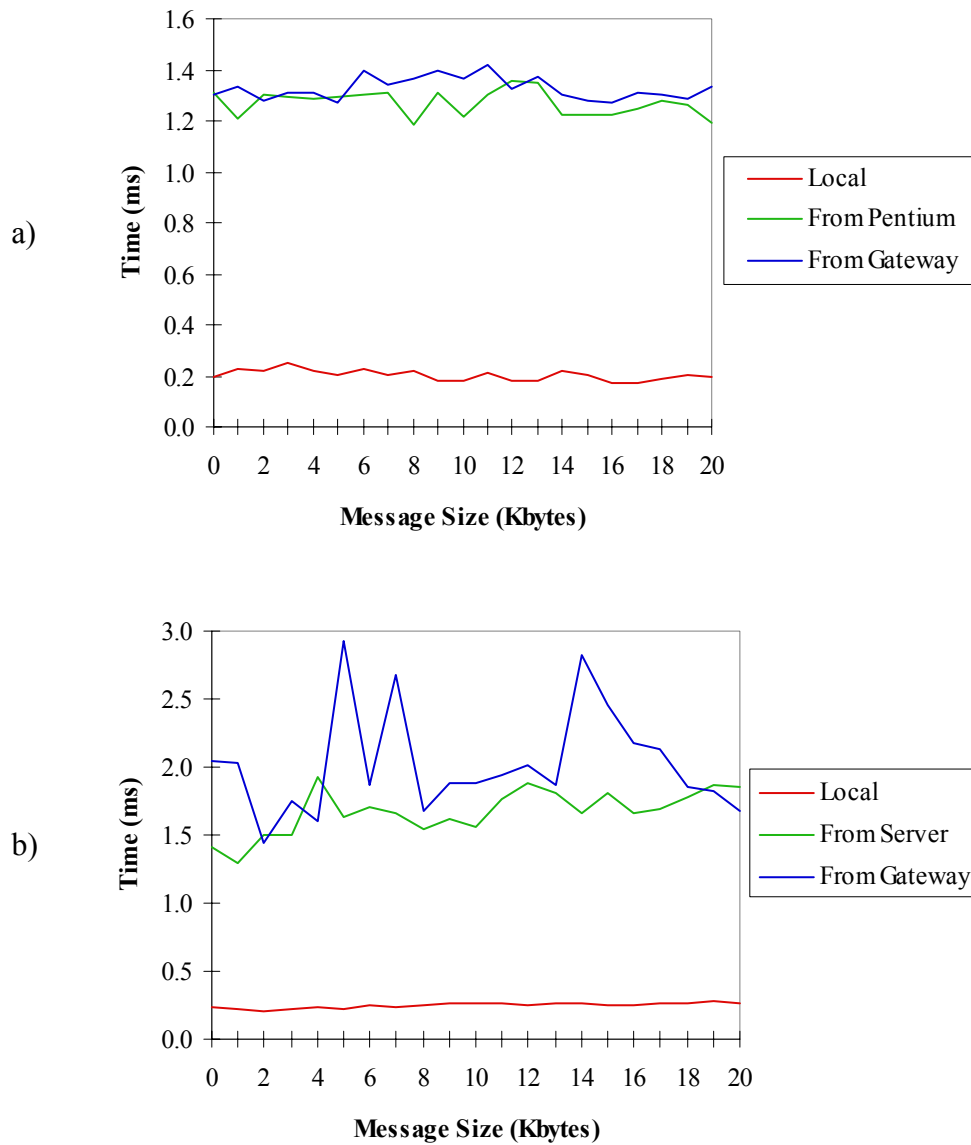


Figure D.4 Comparison between receiving messages from local and remote processes: a) Server; b) Gateway.