Problem

Occasionally, PBS jobs may fail due to mpiexec timeout problems at startup. If this happens, you will typically see several error messages similar to the following:

- MPT: xmpi_net_accept_timeo/accept() timeout
- MPT ERROR: could not run executable.

In the past, the following types of errors have also occurred:

- MPT ERROR: inet_connect to host xxx port yyy failed 113
- MPT ERROR: Assertion failed at daemon.c:272: "len == rv"
- MPT ERROR: Assertion failed at ibdev_multirail.c:7090: "context != ((void *)0)"

Status: Under Investigation

Workaround

For instructions, see MPT Startup Failures: Workarounds.