Kernel-Level Threads

Kernel-level threads kernel provides system calls to create and manage threads

- © Kernel has full knowledge of all threads
 - Scheduler may choose to give a process with 10 threads more time than process with only 1 thread
- © Good for applications that frequently block (e.g. server processes with frequent interprocess communication)
- Slow thread operations are 100s of times slower than for user-level threads
- Significant overhead and increased kernel complexity kernel must manage and schedule threads as well as processes
 - Requires a full thread control block (TCB) for each thread