Time ⟶

Process 1

RPC Request

RPC Request

(a) RPC Using Single Thread

Server

Server

RPC Request

Thread A (Process 1)

Server

Thread B (Process 1)

RPC Request
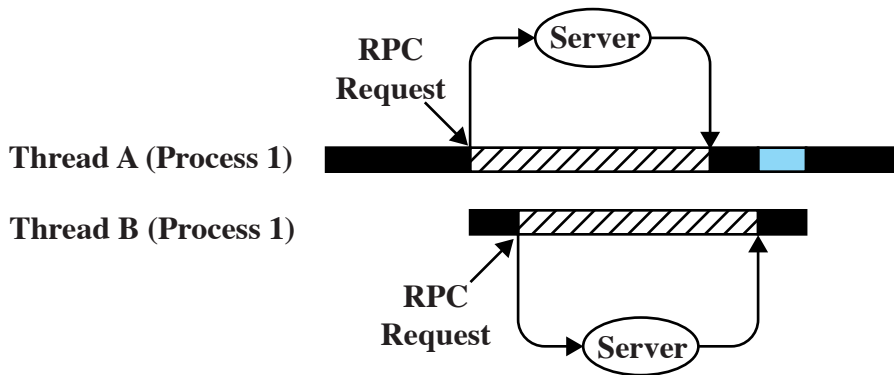
Server

(b) RPC Using One Thread per Server (on a uniprocessor)

▨ Blocked, waiting for response to RPC

☐ Blocked, waiting for processor, which is in use by Thread B

▮ Running

Figure 4.3 Remote Procedure Call (RPC) Using Threads