

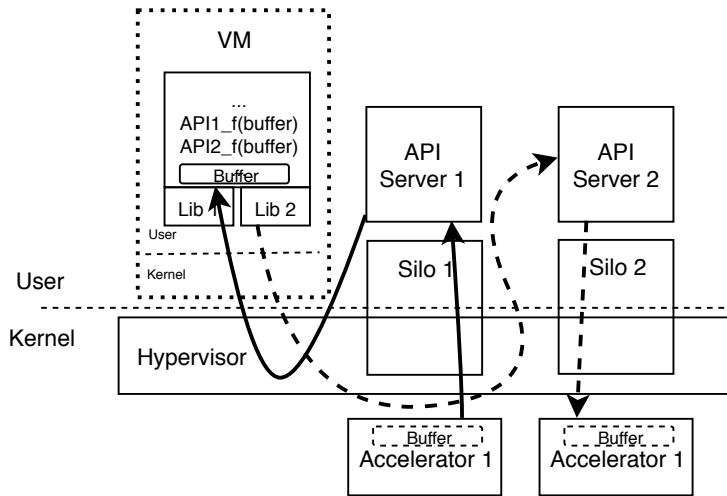
Legend



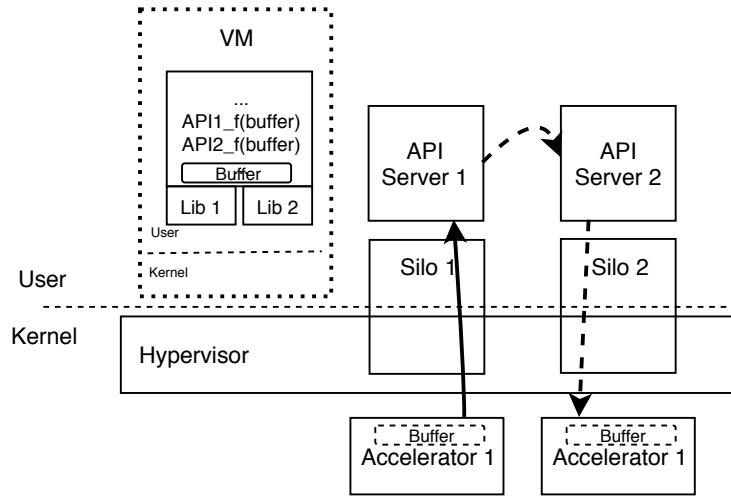
API1\_Func Data



API2\_Func Data



Inefficient data movement --- buffer is copied back to the VM even when it isn't modified in any way. The scenario is even worse if API Server2 is across the network



Efficient data movement --- buffer is copied directly to Accelerator 2 bypassing the VM entirely.