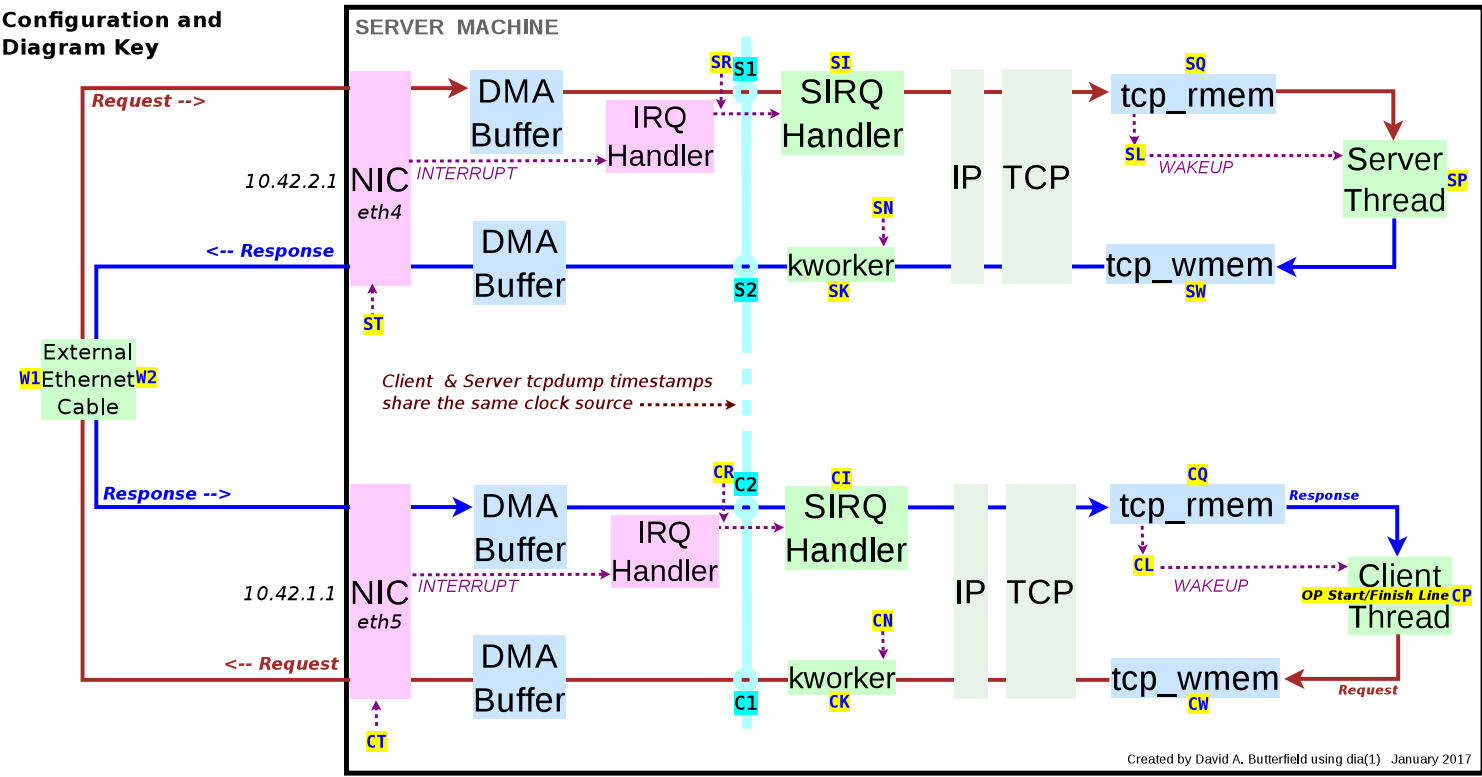


Server Machine with Local Client Configured to Use External 1 Gb Ethernet Link

Configuration and Diagram Key



Notes:

Running both Client and Server on the same machine sidesteps the clock synchronization problem, enabling calculation of unidirectional pipeline segments through the low-level network and interrupt layers.

NAT rules facilitate routing traffic through the external cable: client connects to "fake" 10.42.2.100; route and ARP entries set for that address force traffic out eth5; also vice versa

```
DST 10.42.2.100: SNAT 10.42.1.0/24 -> 10.42.1.100
SRC eth4: DNAT 10.42.2.100 -> 10.42.2.1
DST 10.42.1.100: SNAT 10.42.2.0/24 -> 10.42.2.100
SRC eth5: DNAT 10.42.1.100 -> 10.42.1.1
```

To allow iSCSI Initiator to find Server portal for login, set "ifconfig eth4:0 10.42.2.100 up". After login, "ifconfig eth4:0 down" to start routing traffic