

## Container: Sender

```
/* Step 1 */  
// create buffer and register to NIC  
mr = ibv_reg_mr(pd, buffer1, SIZE);  
  
/* Step 2 */  
// receive R-addr and R-key  
tcp_recv(rIP, &R-addr, &R-key);  
  
/* Step 3 */  
// directly write data to buffer2  
sge.addr = buffer;  
sge.length = SIZE;  
wr.sg_list = &sge;  
wr.rdma.remote_addr = R-addr;  
wr.rdma.rkey = R-key;  
ibv_post_send(qp, &wr, &bad_wr)
```

## Container: Receiver

```
/* Step 1 */  
// create buffer and register to NIC  
mr = ibv_reg_mr(pd, buffer2, SIZE);  
  
/* Step 2 */  
// send R-addr and R-key  
tcp_send(sIP, buffer2-addr, key);
```