

Container: Sender

```
/* Step 1 */
// create buffer
char *buffer = malloc(SIZE);
// register address to NIC
mr = ibv_reg_mr(pd, buffer, 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
char *buffer = malloc(SIZE);
// register address to NIC
mr = ibv_reg_mr(pd, buffer, SIZE);

/* Step 2 */
// send R-addr and R-key
tcp_send(sIP, R-addr, R-key);
```