

cuObj RDMA descriptor protocol

Field index	Field Name	Field size	Field size in chars
1	Remote source base address in hex format (GPUMEM/SYSMEM)	uint64_t	16 chars
2	Max size of the buffer region from the base address allowed	uint32_t	8 chars
3	Remote Key	uint32_t	8 chars
4	LID of the client NIC	uint16_t	4 chars
5	DCTN	uint32_t	6 chars
6	Global Id present (1 0)	bool	1 char
7	GID of client NIC	16 bytes	32 chars

The RDMA descriptor is sent over a TCP/IP socket as a string.

```
#define RDMA_DESC_STR \
```

```
"0102030405060708:01020304:01020304:0102:010203:1:0102030405060708090a0b0c0d0e0f10"
```