- rdma
- libibverbs
- opensm (-)
- librdmacm, librdmacm-utils, ibacm
- libibverbs-utils
- infiniband-diags, ibutils
- perftest, qperf

RDMA

```
[user@host]# yum install rdma
[user@host]# dracut -f
[user@host]# systemctl enable rdma
```

rdma.conf (IPoIB) ( )

- IPoIB : IP (* Default)
- SRP : SCSI Request Protocol
- SRPT : STR Target mode
- ISER : low-level iSCSI layer
- RDS : Reliable Datagram Service (Not support in RHEL7)

memlock

```
*    soft    memlock    unlimited
*    hard    memlock    unlimited
```

opensm ( )

```
[user@host]# systemctl enable opensm
```

node   (Active LinkUP   )

```
[user@host]# ibstat
CA 'mlx4_0'
        CA type: MT4099
        Number of ports: 2
        Firmware version: 2.30.8000
        Hardware version: 0
        Node GUID: 0x0002c90300f81030
        System image GUID: 0x0002c90300f81033
        Port 1:
                State: Active
                Physical state: LinkUp
                Rate: 40
                Base lid: 1
                LMC: 0
                SM lid: 1
                Capability mask: 0x0251486a
                Port GUID: 0x0002c90300f81031
                Link layer: InfiniBand
        Port 2:
                State: Down
                Physical state: Polling
                Rate: 10
                Base lid: 0
                LMC: 0
                SM lid: 0
                Capability mask: 0x02514868
                Port GUID: 0x0002c90300f81032
                Link layer: InfiniBand
```

ibhosts

  *

  * http://h20564.www2.hp.com/hpsc/swd/public/detail?swItemId=MTX_8ea55f29ac8d4193924245f23a
  * http://h20564.www2.hpe.com/hpsc/swd/public/detail?swItemId=MTX_8ea55f29ac8d4193924245f23a

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