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- 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

- 가

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

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