安装前需要安装的yum，从镜像本身都可以获取，建议不使用额外的源：gcc kernel-devel make rdma-core-devel automake libtool libibverbs-utils

#yum install -y gcc kernel-devel make rdma-core-devel automake libtool libibverbs-utils

驱动安装步骤：

1.安装bnxt\_en

cd /root

tar xzvf netxtreme-bnxt\_en-1.10.3-230.0.132.0.tar.gz

tar xzvf libbnxt\_re-230.0.132.0.tar.gz

cd netxtreme-bnxt\_en-1.10.3-230.0.132.0

make&&make install

modprobe -r bnxt\_en && modprobe bnxt\_en

2.进入netxtreme-bnxt\_en-1.10.3-230.0.132.0下面的bnxt\_re-230.0.132.0 继续编译bnxt\_re

cd bnxt\_re-230.0.132.0/

make&&make install

modinfo bnxt\_re

3.进入libbnxt\_re-230.0.132.0进行bnxt\_re的驱动加载和设定

cd /root/libbnxt\_re-230.0.132.0

ls

sh autogen.sh

./configure --sysconfdir=/etc

make

make install all

cd /etc/libibverbs.d/

vi /etc/ld.so.conf

加一行 /usr/local/lib 保存

ldconfig -v

modprobe -r bnxt\_re && modprobe bnxt\_re

cd /root/libbnxt\_re-230.0.132.0/src/.libs/

cp libbnxt\_re-rdmav22.so /usr/lib64/libibverbs/

ibv\_devices

ibv\_devinfo

最后能看到结果：

[root@localhost .libs]# ibv\_devices

device node GUID

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bnxt\_re0 02620bfffe313a20

bnxt\_re1 02620bfffe313a21

[root@localhost .libs]# ibv\_devinfo

hca\_id: bnxt\_re0

transport: InfiniBand (0)

fw\_ver: 225.3.39.0

node\_guid: 0262:0bff:fe31:3a20

sys\_image\_guid: 0262:0bff:fe31:3a20

vendor\_id: 0x14e4

vendor\_part\_id: 5848

hw\_ver: 0x1602

phys\_port\_cnt: 1

port: 1

state: PORT\_DOWN (1)

max\_mtu: 4096 (5)

active\_mtu: 1024 (3)

sm\_lid: 0

port\_lid: 0

port\_lmc: 0x00

link\_layer: Ethernet

hca\_id: bnxt\_re1

transport: InfiniBand (0)

fw\_ver: 225.3.39.0

node\_guid: 0262:0bff:fe31:3a21

sys\_image\_guid: 0262:0bff:fe31:3a21

vendor\_id: 0x14e4

vendor\_part\_id: 5848

hw\_ver: 0x1602

phys\_port\_cnt: 1

port: 1

state: PORT\_ACTIVE (4)

max\_mtu: 4096 (5)

active\_mtu: 1024 (3)

sm\_lid: 0

port\_lid: 0

port\_lmc: 0x00

link\_layer: Ethernet