安装：

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| --- |
| [cpu@mon dpdk]$ wget https://fast.dpdk.org/rel/dpdk-18.08.tar.xz # 版本可能存在差别  [cpu@mon dpdk]$ xz -d dpdk-18.08.tar.xz  [cpu@mon dpdk]$ ls  dpdk-18.08.tar  [cpu@mon dpdk]$ tar -xvf dpdk-18.08.tar  [cpu@mon dpdk]$ cd dpdk-18.08  [cpu@mon dpdk-18.08]$ make config T=arm64-armv8a-linuxapp-gcc  [cpu@mon dpdk-18.08]$ make install T= arm64-armv8a-linuxapp-gcc |

问题1:

make: \*\*\* /lib/modules/4.14.15-3.hxt.aarch64/build: No such file or directory. Stop.

make[6]: \*\*\* [igb\_uio.ko] Error 2

make[5]: \*\*\* [igb\_uio] Error 2

make[4]: \*\*\* [linux] Error 2

make[3]: \*\*\* [kernel] Error 2

make[2]: \*\*\* [all] Error 2

make[1]: \*\*\* [pre\_install] Error 2

make: \*\*\* [install] Error 2

解决：

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| --- |
| [cpu@mon dpdk-18.08]$ sudo yum -y install kernel-devel |

问题2：

/home/cpu/SPDK/dpdk/dpdk-18.08/arm64-armv8a-linuxapp-gcc/build/kernel/linux/kni/kni\_net.c:754:2: error: unknown field ‘ndo\_change\_mtu\_rh74’ specified in initializer

.ndo\_change\_mtu = kni\_net\_change\_mtu,

解决：

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| --- |
| # netdevice.h  [cpu@mon ~]$ sudo find / -name netdevice.h  /usr/include/linux/netdevice.h  /usr/src/kernels/4.14.0-49.10.1.el7a.aarch64/include/linux/netdevice.h  /usr/src/kernels/4.14.0-49.10.1.el7a.aarch64/include/uapi/linux/netdevice.h  # 查看net\_device\_ops结构体中的ndo\_change\_mtu是怎么写的，有无被替换  [cpu@mon ~]$ vim /usr/src/kernels/4.14.0-49.10.1.el7a.aarch64/include/linux/netdevice.h  1154 int (\*ndo\_change\_mtu)(struct net\_device \*dev,  # 由以上的查询结果可知内核头文件并没有修改为ndo\_change\_mtu\_rh74，并且kni\_net.c:754处也是ndo\_change\_mtu，所以是由于宏定义  [cpu@mon kni]$ pwd  /home/cpu/SPDK/spdk-test/spdk/dpdk/kernel/linux/kni  [cpu@mon kni]$ vim compat.h  107 //#define ndo\_change\_mtu ndo\_change\_mtu\_rh74 #注释掉该行 |