DPDK

工程实践与科技创新III-D 虚拟化与云计算 EI313

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目录

1　要求

DPDK performance test:

(1) Create two virtual machines on KVM.

(2) Compile and install DPDK library on each virtual machine.

(3) Compile and run DPDK sample application l2fwd on VM2, then compile and run pktgen-dpdk on VM1. pkgen-dpdk will record the size of the packages VM1 sends and the amount of packages received from VM2, while l2fwd just send back the packages it received from VM1.

(4) Evaluate DPDK's performance of L2 forwarding.

2　编译安装 DPDK

按照官方文档[1]安装 DPDK，

参考文献

[1] DPDK Project. Dpdk quick start guide[M/OL]. 2021. http://core.dpdk.org/doc/quick-start/.