MORE, MORE, MORE THROUGHPUT

40% of all mobile traffic

DPDK/SPDK

PCI bifurcation

```
ANSI_COLOR="0;31"
CPE_NAME="cpe:/o:centos:centos:7"
HOME_URL="https://www.centos.org/"
BUG_REPORT_URL="https://bugs.centos.org/"

CENTOS_MANTISBT_PROJECT="CentOS-7"
CENTOS_MANTISBT_PROJECT_VERSION="7"
REDHAT_SUPPORT_PRODUCT="centos"
REDHAT_SUPPORT_PRODUCT_VERSION="7"

[cloud@dut5 ~]$ ssh root@10.80.15.107
Last login: Tue Jan  6 21:00:16 1970 from 10.80.15.68
root@FPA1066GX-DA2:~# cat /etc/os-release
ID="fpa1066gx"
NAME="Wind River Linux"
VERSION="0.10.0.00030"
VERSION_ID="0.10.0.00030"
PRETTY_NAME="Wind River Linux 0.10.0.00030"
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~# cat /proc/cpuinfo
processor       : 0
model name      : ARMv7 Processor rev 1 (v7l)
BogoMIPS        : 200.00
Features        : half thumb fastmult vfp edsp thumbee neon vfpv3 tls vfpd32
CPU implementer : 0x41
CPU architecture: 7
CPU variant     : 0x4
CPU part        : 0xc09
CPU revision    : 1

processor       : 1
model name      : ARMv7 Processor rev 1 (v7l)
BogoMIPS        : 200.00
Features        : half thumb fastmult vfp edsp thumbee neon vfpv3 tls vfpd32
CPU implementer : 0x41
CPU architecture: 7
CPU variant     : 0x4
CPU part        : 0xc09
CPU revision    : 1

Hardware        : Altera SOCFPGA Arria10
Revision        : 0000
Serial          : 0000000000000000
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~#
root@FPA1066GX-DA2:~# ovs-
```