Table of Contents

1. In case your network driver can not be loaded after the kernel's update, you can try to resolve the issue by yourself:

ls /lib/modules/`uname -r`/extra

If kernel modules pf_ring.ko and igb.ko (or ixgbe.ko for 10G cards) are not present in this directory, please copy them from the similar directory of the previous kernel version:

```
find /lib/modules -name pf_ring.ko
cd path_found
cp pf_ring.ko /lib/modules/`uname -r`/extra
cp igb.ko /lib/modules/`uname -r`/extra # or ixgbe
```

and execute these instructions:

depmod -a
modprobe pf_ring
modprobe igb # or modprobe ixgbe

2. If your network card supports bypass functionality: you need to recover the bypass driver as well.

To find the driver:

```
find /lib/modules -name bpctl_mod\*
```

Copy it to extra:

```
cp bpctl_mod.ko /lib/modules/`uname -r`/extra
depmod -a
```

To verify operation:

```
bpctl_start
bpctl_util all get_bypass
```

Please contact tech support if these steps do not help.