

知 欧拉系统变更引起网卡名改变修复指导

网板模块

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组网及说明

无

配置步骤

某客户需求由BClinux 7.6系统升级至BC-Linux Euler 21.10系统，升级后发现网卡名发生变化，现要求升级后系统需保持旧系统的网卡名。

BClinux 7.6系统下网卡名（兼容网卡驱动）

```
2: ens2f0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
   link/ether 00:0a:f7:e9:89:c0 brd ff:ff:ff:ff:ff:ff
3: ens2f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether 00:0a:f7:e9:89:c1 brd ff:ff:ff:ff:ff:ff
4: ens1f0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether 5c:6f:69:6d:85:20 brd ff:ff:ff:ff:ff:ff
5: ens1f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether 5c:6f:69:6d:85:21 brd ff:ff:ff:ff:ff:ff
6: ens6f0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
   link/ether b0:26:28:6f:e9:40 brd ff:ff:ff:ff:ff:ff
7: ens6f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether b0:26:28:6f:e9:41 brd ff:ff:ff:ff:ff:ff
8: ens5f0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
   link/ether 38:97:00:00:10:0a brd ff:ff:ff:ff:ff:ff
9: ens5f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether 38:97:00:00:10:0b brd ff:ff:ff:ff:ff:ff
10: virbr0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default qlen 1000
   link/ether 52:54:00:3a:71:34 brd ff:ff:ff:ff:ff:ff
   inet 192.168.122.1/24 brd 192.168.122.255 scope global virbr0
       valid_lft forever preferred_lft forever
11: virbr0-nic: <BROADCAST,MULTICAST> mtu 1500 qdisc pfifo_fast master virbr0 state DOWN group default qlen 1000
   link/ether 52:54:00:3a:71:34 brd ff:ff:ff:ff:ff:ff
[root@localhost ~]# ethtool -i ens2f0
driver: bnxt_en
version: 1.10.1-216.0.416.1
firmware-version: 20.8.171.0/pkg 20.08.02.29
```

BC-Linux Euler 21.10系统下网卡名

```
ens2f0np0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
   link/ether 00:0a:f7:e9:89:c0 brd ff:ff:ff:ff:ff:ff
ens2f1np1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc mq state DOWN group default qlen 1000
   link/ether 00:0a:f7:e9:89:c1 brd ff:ff:ff:ff:ff:ff
```

因此，该指导所实现的具体需求为将网卡名ens*f*np*格式改为ens*f*格式

配置关键点

- 1、将修改rpm包放至系统下并下发布命令rpm -ivh persistent-bcm-nic-1.x86_64.rpm执行安装

```
[root@localhost tmp]# rpm -ivh persistent-bcm-nic-1.x86_64.rpm
Verifying... ##### [100%]
Preparing... ##### [100%]
Updating / installing...
 1:persistent-bcm-nic-1 ##### [100%]
```

- 2、执行reboot重启系统

附件下载: persistent-bcm-nic-1.x86_64.rar