

知 ONEStor部署时重启network服务报错Failed to start LSB: Bring up/down net working

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组网及说明

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问题描述

ONEStor部署时重启network服务报错Failed to start LSB: Bring up/down networking

```
journalctl -xe" for details.
[root@localhost network-scripts]# service network restart
Restarting network (via systemctl): Job for network.service failed because the control process exited with error code. See "systemctl status network.service" and "journalctl -xe" for details.
      [FAILED]
[root@localhost network-scripts]# systemctl status network.service
* network.service - LSB: Bring up/down networking
      Loaded: loaded (/etc/rc.d/init.d/network; bad; vendor preset: disabled)
      Active: failed (Result: exit-code) since Mon 2022-05-16 15:28:46 CST; 0s ago
      Docs: man:systemd-sysv-generator(8)
      Process: 19434 ExecStop=/etc/rc.d/init.d/network stop (code=exited, status=0/SUCCESS)
      Process: 5283 ExecStart=/etc/rc.d/init.d/network start (code=exited, status=1/FAILURE)

May 16 15:28:46 onestor132 network[5283]: RTNETLINK answers: File exists
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May 16 15:28:46 onestor132 system[11]: network.service: control process exited, code=exited status=1
May 16 15:28:46 onestor132 system[11]: Failed to start LSB: Bring up/down networking.
May 16 15:28:46 onestor132 system[11]: Unit network.service entered failed state.
May 16 15:28:46 onestor132 system[11]: network.service failed.
[root@localhost network-scripts]#
```

过程分析

1、排查是否存在网卡mac地址与配置文件不符的情况。

使用ip addr查询当前网卡的mac地址，并与/etc/sysconfig/network-scripts/ifcfg-ethxx 网卡配置文件中的mac地址对比，如存在不一致情况，需要手动修改配置文件中的mac地址，与ip addr查询到的保持一致。问题环境查看发现没有出现MAC重复的问题。

```
[root@localhost network-scripts]# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 0c:da:41:1d:df:b2 brd ff:ff:ff:ff:ff:ff
    inet6 fe80::eda:41ff:fe1d:dfb2/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether 0c:da:41:1d:f0:c7 brd ff:ff:ff:ff:ff:ff
4: eth2: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether 0c:da:41:1d:7c:63 brd ff:ff:ff:ff:ff:ff
[root@localhost network-scripts]# _
```

2、并且网口的配置文件中配置的为静态IP并非DHCP获取，所以不会存在系统启动无法获取IP导致无法启动网络服务的问题

```
IPV4_FAILURE_FATAL="no"
IPV6INIT="yes"
IPV6_AUTOCONF="yes"
IPV6_DEFROUTE="yes"
IPV6_FAILURE_FATAL="no"
IPV6_ADDR_GEN_MODE="stable-privacy"
NAME="eth0"
UUID="4f79573a-2f0e-41f9-9a58-b6f04b05f666"
DEVICE="eth0"
ONBOOT="yes"
IPADDR=192.168.38.104
PREFIX=24
~
~
```


