



linux系统重启网络服务报错

安装部署

云主机

裸金属

CentOS系统安装

网络类

谭应俊

2022-05-30 发表

组网及说明

linux系统重启网络服务报错

告警信息

```
[root@localhost ~]# 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
   Docs: man:systemd-sys-generator(8)
   Process: 72878 ExecStart=/etc/rc.d/init.d/network start (code=exited, status=1/FAILURE)

May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain network[72878]: RTNETLINK answers: File exists
May 01 11:28:01 localhost.localdomain system[1]: network.service: control process exited, code=exited status=1
May 01 11:28:01 localhost.localdomain system[1]: Failed to start LSB: Bring up/down networking.
May 01 11:28:01 localhost.localdomain system[1]: Unit network.service entered failed state.
May 01 11:28:01 localhost.localdomain system[1]: network.service failed.
[...]
```

问题描述

在linux系统中使用service network restart 重启网络服务之后报错，使用systemctl status network.service 查看网络服务的状态，网络服务为failed状态，有上图所示的报错。

过程分析

首先查看已经设置ip地址的网卡是否正常

查看结果：网卡状态正常，能够正常ping通网关地址

判断可能有存在有Onboot=yes并且bootproto=dhcp的网卡，在重启整个网络服务的时候，也会重启这些网卡，但是此时环境中没有相应的DHCP服务，所以网卡获取不到地址，所以网卡状态异常导致服务异常

解决方法

将有这种设置的网卡的Onboot=yes参数设置为Onboot=no即可。

