

ghoseliang

點部落

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【筆記整理】VMWare CentOS 6 Clone 重設網卡MAC

方法一

1. 備份或刪除檔案：`mv ifcfg-eth* ifcfg-eth*.bak`

```
[root@CentOS62 network-scripts]# mv ifcfg-eth0 ifcfg-eth0.bak
[root@CentOS62 network-scripts]# mv ifcfg-eth1 ifcfg-eth1.bak
[root@CentOS62 network-scripts]# ls
ifcfg-eth0.bak  ifdown-post  ifup-ipp  ifup-tunnel
ifcfg-eth1.bak  ifdown-ppp   ifup-ipv6 ifup-wireless
ifcfg-lo        ifdown-routes ifup-isdn  init.ipv6-global
ifdown         ifdown-sit   ifup-plip  net.hotplug
ifdown-bnep    ifdown-tunnel ifup-plusb network-functions
ifdown-eth     ifup         ifup-post  network-functions-ipv6
ifdown-ipp     ifup-aliases ifup-ppp
ifdown-ipv6    ifup-bnep    ifup-routes
ifdown-isdn    ifup-eth     ifup-sit
```

2. 編輯：`vim /etc/udev/rules.d/7*-persistent-net.rules`

將衝突的網卡資訊內容刪除或註解，然後重新啟動機器。

系統會偵測網卡，重新產生新的設定資訊。

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```
# This file was automatically generated by the /lib/udev/write_net_rules
# program, run by the persistent-net-generator.rules rules file.
#
# You can modify it, as long as you keep each rule on a single
# line, and change only the value of the NAME= key.

# PCI device 0x8086:0x100f (e1000)
#SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29:39:39:39", ATTR{type}=="1", KERNEL=="eth*", NAME="eth0"

# PCI device 0x1022:0x2000 (pcnet32)
#SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29:39:39:39", ATTR{type}=="1", KERNEL=="eth*", NAME="eth1"

# PCI device 0x1022:0x2000 (vmxnet)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29:39:39:39", ATTR{type}=="1", KERNEL=="eth*", NAME="eth2"

# PCI device 0x8086:0x100f (e1000)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29:39:39:39", ATTR{type}=="1", KERNEL=="eth*", NAME="eth3"
~
~
~
"/etc/udev/rules.d/70-persistent-net.rules" 17L, 920C          14,1
```

方法二

1. 編輯 ifcfg-eth* : `vim ifcfg-eth*`

最新回覆

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

The PXE Server will displayed "TFT.... by Timothy

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

to TFTP will open time out : 指令的部份, 有些人不一定會記得那麼多.... by ghoselia ng

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

to Matt : Dear Matt : 不好意思, 現在才回你(其實很久沒上來看了:P), 請問您.... by ghoseliang

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

to fix pxelinux.cfg name : 謝謝, 已修改 by ghoseliang

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

3.3 mkdir /tftpboot/pxlinux.cfg mkdir /tf by fix pxelinux.cfg name

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

service dhcpd start Hi, 我想請問 我做到上面這裡, 卻一直無法啟動D.... by Matt

re: CentOS 6 PXE Server Install (DHCP+TFTP+HTTP(FTP)+Kickstart)

Question : After follow above procedure t

0 0000 a.... by 12 12 will open time out

```
DEVICE=eth0
HWADDR=
NM_CONTROLLED=yes
ONBOOT=yes
BOOTPROTO=dhcp
TYPE=Ethernet
USERCTL=no
IPV6INIT=no

```

8,1

2. 編輯：`vim /etc/udev/rules.d/7*-persistent-net.rules`

在『/etc/udev/rules.d/7*-persistent-net.rule』會看到舊有的設定資訊(eth0、eth1)與新的設定資訊(eth2、eth3)。

如果不想保留舊的設定資料，可以刪除或註釋掉，而將新的設定資料名稱改為eth0、eth1。

當然也可以不改，但就必須更改『/etc/sysconfig/network-scripts/ifcfg-eth0』和『ifcfg-eth1』的名稱。

但爲了避免麻煩，個人建議還是更改會比較好。

```

# This file was automatically generated by the /lib/udev/write_net_rules
# program, run by the persistent-net-generator.rules rules file.
#
# You can modify it, as long as you keep each rule on a single
# line, and change only the value of the NAME= key.

# PCI device 0x8086:0x100f (e1000)
#SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:2
93", ATTR{type}=="1", KERNEL=="eth*", NAME="eth0"

# PCI device 0x1022:0x2000 (pcnet32)
#SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:2
9d", ATTR{type}=="1", KERNEL=="eth*", NAME="eth1"

# PCI device 0x1022:0x2000 (vmxnet)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29
1", ATTR{type}=="1", KERNEL=="eth*", NAME="eth1"

# PCI device 0x8086:0x100f (e1000)
SUBSYSTEM=="net", ACTION=="add", DRIVERS=="?*", ATTR{address}=="00:0c:29
7", ATTR{type}=="1", KERNEL=="eth*", NAME="eth0"
~
~
~
"/etc/udev/rules.d/70-persistent-net.rules" 17L, 920C          11,1

```

3. 重啓服務：`service network restart`

```

[root@CentOS62 network-scripts]# cd ~
[root@CentOS62 ~]# service network restart
Shutting down loopback interface:          [ OK ]
Bringing up loopback interface:            [ OK ]
Bringing up interface eth0:
Determining IP information for eth0... done.
                                           [ OK ]

Bringing up interface eth1:
Determining IP information for eth1... done.
                                           [ OK ]

```

4. 觀察：『ip a』 or 『ifconfig』

```
[root@CentOS62 ~]# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen 1000
    link/ether 00:0c:29:a6:46:d1 brd ff:ff:ff:ff:ff:ff
    inet 192.168.21.129/24 brd 192.168.21.255 scope global eth1
    inet6 fe80::20c:29ff:fea6:46d1/64 scope link
        valid_lft forever preferred_lft forever
3: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen 1000
    link/ether 00:0c:29:a6:46:c7 brd ff:ff:ff:ff:ff:ff
    inet 192.168.245.129/24 brd 192.168.245.255 scope global eth0
    inet6 fe80::20c:29ff:fea6:46c7/64 scope link
        valid_lft forever preferred_lft forever
```

參考來源

1. <http://www.centos.org/forums/viewtopic.php?t=7684>
2. <http://alexcline.net/2011/11/15/reconfiguring-network-interfaces-in-centosrhel-systems-cloned-with-vmware/>



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