

Re: Single NIC multiple configurations

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2004-06/3770.html>

From: Christopher K. Johnson (ckjohnson_at_gwi.net)

Date: 06/14/04

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To: For users of Fedora Core releases <fedora-list@redhat.com>

Michael Griffin wrote:

>I have a laptop with a single NIC which I use for both work and home.
>Obviously my network settings are different but I was wondering if I
>could set it up so that the correct configuration would come up
>depending upon which environment I was in. I am not opposed to manually
>bringing the network up or down in each, setting, I am just wondering
>what would be a "best practice".

>

>I was/am considering using aliasing (*eth0:0*, *eth0:1*), but I am not sure
>how I would go about it.

>

>All responses appreciated,

>

>Thank you,

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>Michael

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>

Use multiple network profiles as configured via `system-config-network` on FC2 or `redhat-config-network` on FC1.

I.E. create a home profile and a work profile and put different named interface configurations that may use the same device (`eth0`) in, and have one active in home profile, and one active in work profile.

Edit `/boot/grub/grub.conf` duplicating the entire entry for your preferred boot choice, then add `"netprofile=home"` to the kernel line on one, and `"netprofile=work"` to the other.

Hint: you can add "home" to the end of one title line and "work" to the end of the other title line so it is easy to tell which you are choosing in the grub boot menu at next boot.

Here is a sample boot entry for a "home" network profile:

```
#  
title Fedora Core (2.6.3-2.1.240) home  
    root (hd0,0)
```

Fedora: Re: Single NIC multiple configurations

```
kernel /vmlinuz-2.6.3-2.1.240 ro root=LABEL=/ hdc=ide-cd vga=792
acpi=on psmouse.proto=imps netprofile=home
initrd /initrd-2.6.3-2.1.240.img
```

Chris

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"Spend less! Do more! Go Open Source..." -- Dirigo.net
Chris Johnson, RHCE #807000448202021

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