

RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface

Source: <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2005-03/0479.html>

From: Christiaan Meihsl (*Christiaan.Meihsl_at_reuters.com*)

Date: 03/30/05

Date: Wed, 30 Mar 2005 16:27:52 +0200

To: sunmanagers@sunmanagers.org

Hi all,

Problem solved, thanks to inputs from Coy, Iain, Angelos and Carl. Thank you all for the great help !

Summary of the solution:

Jumpstart client "src1" was declared on 10.4.19 in /etc/hosts with
10.4.19.51 src1

And sysidcfg with

```
{hostname=src1  
default_route=10.4.19.2  
ip_address=10.4.19.51
```

BUT I was doing my boot net connected to the jumpstart interface with
IP=192.168.1.21

What is required is that the client have an IP declared in the same IP
subnet as that

where it contacts the jumpstart server.

On jumpstart I changed /etc/hosts:

```
192.168.1.51 src1
```

And sysidcfg with

```
{hostname=src1  
default_route=192.168.1.21  
ip_address=192.168.1.51
```

And off it went !

The error may seem obvious, but in my case the client is a blade, which will have, through the blade switch, 2 VLANS on 10.4.19 and 10.4.20. But if I understood correctly, the blade switch VLANs are not all accessible at the install stage, so I'm booting it through the blade

RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface

SunManagers: RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface

switch VLAN 1 (on an untagged interface).

It is on this VLAN that I plugged qfe1 of my jumpstart server
192.168.1.21 ...

So it was not so obvious, at least for me (not used to working with
blades yet ...)

Cheers,

Christiaan

From: Christiaan Meihsl

Sent: 30 March 2005 11:15

To: 'sunmanagers@sunmanagers.org'

Subject: Jumpstart boot server with several interfaces: problem if
client is not seen through primary interface

Hi gurus,

I have a jumpstart server connected to several subnets, using the
motherboard interface hme0, and a quad.

hme0 is the primary interface, qfe0 and qfe1 are the other active (and
tested) interfaces.

Jumpstart works fine if the client connects to it via hme0 (primary
interface).

Jumpstart does not work if the same client connects to it through qfe1.

If I snoop qfe1 I see:

OLD-BROADCAST -> (broadcast) RARP C Who is 0:3:ba:2a:2c:28 ?

This occurs each time I see "Timeout waiting for ARP/RARP packet" on the
client.

This looks like a previous problem (cf

<http://www.sunmanagers.org/pipermail/sunmanagers/2002-May/013553.html>),

except that the solution does not work ! I tried rebooting the jumpstart
server, and manually restarting in.rarpd -a, to no avail.

Jumpstart server is Ultra 5 with Solaris 8.

Client is a blade SF B100 inside an SF B1600.

Any suggestions ?

Thanks in advance,

CHRISTIAAN MEIHSL

E-PSG – Senior Solutions Specialist

Reuters SA

REUTERS.KNOW.NOW.

www.reuters.com <<http://www.reuters.com/>>

RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface

SunManagers: RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface

www.reuters.com/customers <<http://www.reuters.com/customers>>

Visit our Internet site at <http://www.reuters.com>

To find out more about Reuters Products and Services visit

<http://www.reuters.com/productinfo>

Any views expressed in this message are those of the individual sender, except where the sender specifically states them to be the views of Reuters Ltd.

sunmanagers mailing list

sunmanagers@sunmanagers.org

<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>

RE: Jumpstart boot server with several interfaces: problem if client is not seen through primary interface