

# Wokstation hangs after "Boot Client" – TFTP timeout

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Hello.

I installed Ignite-UX-11-ALL\_C.6.8.152 on a HP-UX 11.11 server and would like to use this system as a Ignite server; ie. I'd like to be able to install other workstations from this system. This server is in a different subnet than the workstations are. Because of this, I installed Ignite-UX on a system which is in the same subnet as the to-be-installed workstation; this system should act as a boot helper.

After having installed Ignite-UX on both server and boot helper, I started the Ignite-UX GUI on the server and selected Actions -> Boot client. I entered the host name of a 2nd workstation (ie. \*NOT\* the hostname from the boot helper). After a short time, the workstation booted.

When I now have a look at the to-be installed workstation, I see some error messages:

Note: Retrying loadfile command...

\* tftp error log follows:

```
tftp> tftp> tftp> tftp> Transfer timed out.  
tftp>
```

```
ERROR: Failed to read "INDEX" file from install server. Check that the install server's IP address is correct  
and the server has the "Ignite-UX" product loaded and is available via the tftp(1) service.
```

```
delete net default: gateway 10.233.16.250
```

```
Failed to startup networking, user interaction required.
```

But tftp \*IS\* working. In /etc/inetd.conf of the IgniteUX server, I've got:

```
[10:42:05 vz6tml@dewudb05:~] $ grep tftp /etc/inetd.conf  
# Before uncommenting the "tftp" entry below, please make sure  
# that you have a "tftp" user in /etc/passwd. If you don't  
# have one, please consult the tftpd(1M) manual entry for  
tftp dgram udp wait root /usr/sbin/tftpd tftpd -l /opt/ignite /var/opt/ignite
```

From yet another workstation, which is in the same subnet as the

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to-be installed WS, I can tftp to the server just fine and fetch the INDEX file:

```
[11:12:01 vz6tml@tc56:/tmp] $ tftp dewudb05
tftp> get /var/opt/ignite/INDEX
Received 1933 bytes in 0.0 seconds
tftp>
```

In /etc/opt/ignite/instl\_boottab on the boot helper, I've got:

```
10.233.16.60:::
10.233.16.61:::
10.233.16.62:::
10.233.16.63:::
10.233.16.64:::
10.233.16.65:::
```

These IPs (and some more) are also in the instl\_boottab on the Ignite UX server.

The Ignite server has 4 NICs but only 1 is activated.

When I go to the to-be installed workstation and enter

```
boot lan.10.233.16.156 install
```

I get to the install menu. 10.233.16.156 is the IP of the boot helper.

When booting a client from the Ignite UX GUI, how do I make the client use a boothelper and specifically THIS boothelper?

Thanks,  
Alexander

Some more data:

On the boothelper:

```
netstat -rn -> http://vz6tml.pastebin.ca/124895
inetd.conf -> http://vz6tml.pastebin.ca/124898
lanscan -> http://vz6tml.pastebin.ca/124899
instl_admin -d -> http://vz6tml.pastebin.ca/124900
/etc/opt/ignite/instl_boottab -> http://vz6tml.pastebin.ca/124902
```

On the server:

```
netstat -rn -> http://vz6tml.pastebin.ca/124903
inetd.conf -> http://vz6tml.pastebin.ca/124904
lanscan -> http://vz6tml.pastebin.ca/124905
instl_admin -d -> http://vz6tml.pastebin.ca/124906
/etc/opt/ignite/instl_boottab -> http://vz6tml.pastebin.ca/124908
```

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<JHM> Somehow I have more respect for 14 year old Debian developers than  
14 year old Certified Microsoft Serfs.