

# installing Debian from local network

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-02/4589.html>

---

**From:** Daarian D. ([daarian\\_at\\_email.com](mailto:daarian_at_email.com))

**Date:** 02/25/04

To: [debian-user-digest@lists.debian.org](mailto:debian-user-digest@lists.debian.org)

Date: Tue, 24 Feb 2004 20:10:55 -0500

Hello! I want to install Debian from local network. I have a functional Debian server (3.0 stable, kernel 2.4.21) with dhcp, tftp and nfs all working. The client is configured to boot with netboot package, and in images director is tftpboot.img (from Debian CD). The client boots, connects dhcp, gets IP, connects tftp, but fails with "Error: Invalid header" traing to load image file. I have to mention that if I replace tftpboot.img from Debian CD with another output file of mknbi-linux from some bzImage, everything goes well! I also have misunderstandings from the folowing section of Installing Debian documentation:

""4.5.5 Move TFTP Images Into Place

Next, place the TFTP boot image you need, as found in Description of Installation System Files, Section 11.2.3, in the tftpd boot image directory. Generally, this directory will be /tftpboot. You'll have to make a link from that file to the file which tftpd will use for booting a particular client. Unfortunately, the file name is determined by the TFTP client, and there are no strong standards. Often, the file that the TFTP client will look for is client-ip-in-hexclient-architecture. To compute client-ip-in-hex, take each byte of the client IP address and translate it into hexadecimal notation. If you have a machine handy with the bc program, you can use the program. First issue the obase=16 command to set the output to hex, then enter the individual components of the client IP one at a time. As for client-architecture, try out some values."

Any sugestion is welcome. Thanks.

--

---

Sign-up for Ads Free at Mail.com  
<http://promo.mail.com/adsfreejump.htm>

--

To UNSUBSCRIBE, email to [debian-user-request@lists.debian.org](mailto:debian-user-request@lists.debian.org) with a subject of "unsubscribe". Trouble? Contact [listmaster@lists.debian.org](mailto:listmaster@lists.debian.org)