

# LOADING TCS SERVER

Insert the tcsvrks boot floppy into the floppy drive.

Turn on the machine and insert the **Redhat 6.1** cd into the cdrom drive.

The program will identify the video card and you will press the **enter** key for OK.

The files will be loaded and then it will go into the monitor setup. Choose the defaults until you get to the resolution and choose **extended super vga**

The machine will want to default to 8-bit 800x600. Choose "let me pick my own" and change the resolution to 16-bit 800x600.

It will test the xserver. Choose **yes** if you see the test box. Choose **no** to reboot in graphical mode.

After the machine reboots, insert the TCS cd-rom in the cd-rom drive and type the command **tcsinst**.

There will be some files installed and another reboot.

After the reboot, run the command **abcssetup** and enter the proper addresses for the servers. You will need to reboot again for the changes to take effect.

## TCS SERVER Vs. TCS MASTER

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The only difference between a tcsmaster and a tcserver is that the tcserver has the capabilities of running graphical thin clients

## TCS SERVER/MASTER TROUBLESHOOTING

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1. Does the server have power?
  - a. If the server has no power, check power cords and power switches.
  - b. If it still has no power, the server has a probable power supply failure.
2. Does the monitor have power?
  - a. If the monitor has no power, check power cords and power switches.
  - b. If it still has no power, the server has a monitor failure.
3. Is there anything on the screen?
  - a. Is there a login? If so, have them try to login as root
  - b. Is there a prompt? If so, have them exit and try to get a login
  - c. Is there an error message? If there is an error message, try matching it with known errors
    1. **Disk boot failure** - hard drive has failed or the cmos has been reset
    2. **Cmos, bios, or hardware failure press f1 to continue** - some device has failed on start - check the screen for more specific information.
    3. **fsck encountered errors** - the root file system is dirty, do an **# fsck /** to check to the file system, then hit **ctrl-d** to continue booting to multi user mode.
4. If they login with no errors, try **pinging** the sco server (ping abcserver.)
  - a. If you get no response - trouble shoot the network connection to the server
  - b. If you get dropped packets - there is a bad network cable or another device is using the same ip address
  - c. Error - abcserver unknown - the /etc/hosts table is missing an entry for the abcserver. Edit the file and add an entry
  - d. Abcserver shows wrong address - the /etc/hosts table is incorrect. Edit the file for the correct ip.