

# Setting Up an Ethernet SpotLine With a Slaved Printer That Can Be Used By All Terminals on The System.

The ports of the Ethernet SpotLine can be made to emulate a network printer for use by all system terminals. The procedure is as follows:

To access the menu screen initially, hold the <Scroll Lock> key down and press the <Esc> key. When the menu screen comes up use the arrow keys to select the bold headings below. The options under each heading correspond to what the settings should be. Use the arrow keys to move between setup options and use the spacebar to change the values. After Editing all values to correspond to this document, press the <Enter> key to store your choices.

## USER ENVIRONMENT

Language	:	[English]
Keyboard	:	[American]
Colored Setup	:	[Yes]
Default Session	:	[1]
System Key	:	[Alt]
Beeper	:	[Medium]
Status Line	:	[Bottom]
Screen Saver	:	[Yes]
Activate	:	10
Message	:	(This can be any message you wish)

## PORT CONFIGURATION

### Serial Port Parameters

	Serial 1	Serial 2
Type	: [Printer]	[Printer]
Speed	: [9600 ]	[9600 ]
Data	: [8 bits]	[8 bits]
Parity	: [None]	[None]
Stop	: [1 stop]	[1 stop]
Flow	: [DTR]	[XON/XOFF]
Line	: [Direct]	[Direct]
Hostname	: [None]	[None]
Term	: (Default)	(Default)

The internet address in the following heading is the physical TCP/IP address that you want to assign to the spotline. The same address must be added to the "hosts" file on the main system. This step will be discussed in detail later in this document.

## NETWORK CONFIGURATION

Internet Address  
Spot : ????.????.????.???  
Gateway : 0.0.0.0  
Name Server : 0.0.0.0  
File Server : 0.0.0.0  
Subnet Mask : 255.255.255.0

Print Server  
Active : [Yes]  
Protocol : [LPD]  
Default Queue : ?UniqueName?  
Printer : [Parallel]

Print Screen  
Mode : [LPR ]  
Destination host : [None]  
Queue Name

In the following heading, in the options place the information for the host machine as reported in "netconfig".

## HOST NAME

Host Name Internet Address  
?Host? ????.????.????.???

## SESSIONS

Sn	Emulation	Keyb.	Monitor	MediaPrinter	Auto	Term
1	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 1)
2	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 2)
3	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 3)
4	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 4)
5	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 5)
6	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 6)
7	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 7)
8	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 8)
9	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 9)
10	[Ansi/SCO V4]	[Asc]	[Colo]	[Telnet] [?Host?]	[Yes]	(spotc 10)

At this point you should choose the save and exit option on the spotline menu. When you are asked if you are sure choose yes and the spotline will save exit and reinitialize it. Now it is time to move on to the Unix part.

## UNIX and ABCS SOFTWARE SETUP

Step 7 : Setting up the hosts' file to reflect all the network terminals.

From the prompt type # **cd /etc**                    Then hit the enter key  
From the prompt type # **nte hosts**                Then hit the enter key

Upon pressing Enter you will be placed into the TE editor with a display resembling this

```
#      @(#)hosts      6.1 8/21/93 – STREAMware TCP/IP source
#      SCCS IDENTIFICATION
localhost
?customer name?.uucp.com
```

Use the arrow keys to position the cursor on the line below the last IP address then add a line for each spotline connected to the server. (i.e., 200.10.10.101 spot1) Make sure to increment the last triplet of the IP address to prevent using an IP address more than once. Use only one tab keypress between the IP address and the name of the terminal. After adding all of the network devices, press <F2> and then press <X>. Choose <Y> when prompted and press return. This will save your new hosts file.

Step 8: Setting up then termdevs.cfg file to reflect the spotlines.

From the prompt type # **cd /work/configs**                    then hit the enter key  
From the prompt type # **te termdevs.cfg**                    then hit the enter key

This will open up the termdevs.cfg file. Press the <Page Down> key until the screen stops scrolling. Now use the arrow keys to move the cursor to the next line directly following the last entry. Here you need to add the names of the spottiness (i.e., spot1) with a . and then a number after the period to designate the screen being used. For example if you had three SpotLine and each of those spotlines you needed 2 UNIX sessions each, provided that the names of the spotlines keep in tradition with the example in the last step, you would add something similar to the following:

```
spot1.1
spot1.2
spot2.1
spot2.2
spot3.1
spot3.2
```

In the above spot1 spot2 and spot3 are names and the .# are the sessions available to those spotlines. *NOTE: The spotlines will not work if these are added improperly. Also if you do not add these to the end of the file you could cause printer malfunction on existing workstations due to the change in workstation numbers.*

**Note:** If you are working on Spotline Print job issues, remember to type the following command After you have deleted the print jobs.

```
# cd /usr/lib
# lpshut;lpsched
```