

Morning Star PPP Setup

This document will give you step-by-step instructions on how to setup and test the internet on your UNIX box.

1. From the prompt enter:

- a. # **custom** [enter]
- b. Highlight **software** and press enter
- c. Highlight **install new** and press enter
- d. Select from **hostname** (the name of your server) and press enter
- e. Use the tab key to highlight **continue** and press enter
- f. Deselect the choice that is already selected by pressing spacebar while it is highlighted
- g. Select **Morning Star PPP** by highlighting it and pressing spacebar; then press enter
- h. Exit back to the prompt

2. Next load it from swinstall by typing

- a. # **swinstall** [enter]
- b. ? [enter] (where ? is the number that corresponds to **dialupinst**)
- c. Answer any questions **yes**
- d. At the prompt type: #**cd /usr/lib/mstppp** [enter]
- e. # **if** [enter] and look for 'Autostart'. If Autostart is not there, then type **copy Autostart.bak Autostart** [enter]
- f. # **nte Autostart** [enter]
- g. After netmask 255.255.255.0 add ' **debug 0 exec /usr/lib/mstppp/Exec-Default-Route**'
- h. The 2nd line should read '**route add default 127.0.0.3 1**'
- i. Hit '**F2**' and then '**X**' to save and exit
- j. # **nte Systems**
- k. Hit the **end** key once and ensure '**\qabcsinc1**' is at the end of the line
- l. Hit '**F2**' and then '**X**' to save and exit
- m. # **cd /etc/rc2.d** [enter]
- n. **nte S89mstppp** [enter]
- o. Add a pound sign '#' to the beginning of each line
- p. Hit '**F2**' and then '**X**' to save and exit

3. Make the physical connections from your machine to the various devices needed, i.e.: your modem, digi, or hub, and phone line.

4. Once the connections are made, the modem will have to be programmed. Do this by typing:

- a. # **sysut**
- b. Highlight **terminal** and press enter
- c. Highlight **ao1** and press enter
- d. Change the 'comment' line to **test modem** and the 'terminal type' to **dialup**
- e. Press **insert** to save and exit back out to the sysut list
- f. Highlight **modem** and press enter
- g. Highlight **program** and press enter
- h. Look for rows of ATS #'s to ensure the modem has programmed. Five lights should show on the face of the modem. Once the modem is programmed, exit back out to the # sign.

5. Testing

- a. # **call** [enter]
- b. # **atdt18004522502** [enter]
- c. Once the line picks up hold down '**Ctrl**' and hit '**]**' and then '**Q**' to quit.
- d. # **startnet** [enter]
- e. # **netstat -nr** [enter] look for the default IP address listed
- f. # **ping 'default'** (default being the address you retrieved from netstat)
- g. Hit 'Delete' to stop the ping and ensure there is no packet loss

- h. # **ping 216.132.142.253**
- i. Hit 'Delete' to stop the ping and ensure there is no packet loss
- j. # **stopnet**
- k. # **kill -q 'process'** (process being the number listed after root in stopnet)
- l. # **stopnet** to ensure all processes are stopped