

## APPENDIX S

### SCO OPERATING SYSTEM AND INFORMIX LOADING PROCEDURES

1. Insert the UnixWare 7® Installation **Diskette** Volume **1** of **2** in drive.
2. Boot System.
3. Select Language:  
Highlight **Proceed with instructions in English.**  
Press <**Enter**>.
4. When prompted:  
Insert the UnixWare 7® Installation Diskette Volume **2** of **2**.  
Press <**Enter**>.
5. You will be prompted for the information needed to install your system.  
Make certain an asterisk (\*) is in appropriate selection.  
Some defaults are provided.  
Press <**F10**> to continue.
6. Choose Zone for the system:  
Make certain an asterisk (\*) is in appropriate selection.  
**Americas (Latin-1)**  
Press <**F10**>.
7. Choose Locale:  
**C (English)**  
Press <**F10**>.
8. Chose Keyboard:  
**United States**  
Press <**F10**>.
9. System License:  
Input the following: (\*\* this will change for each installation site \*\*)

License Number: License Code: License Data: (blank)
---

Press <**F10**> when completed.

10. When prompted insert Host Bus Adapter (HBA) Diskette 7.1.1  
Press <F10>.
11. Choose One Window: Proceed with installation  
Press <F10>.
12. Load system hardware drivers  
Select **Do Not Enter the DCU** (auto configure drivers)  
Press <F10>.
13. Enter node name for your system in window:  
**scp13test**  
Press <F10>.
14. Installation Method Window: Highlight “Install From CD-ROM”  
Press <F10>.
15. Place the UnixWare ® 7 Installation CD-ROM  
Disk 1 of 3 in drive.  
Press <Enter> to continue.
16. Disk Configuration: The following will appear:  
**Disk 1: /dev/rdisk/c0b0t0d0s0: Use whole disk for UNIX**  
Press <F10>.
17. Choose One: Select customize filesystems and slices:  
Press <F10>.
18. Filesystems and raw disk slices

Down arrow or TAB to change type, size and disk.  
Press <F2> to change items below marked with (\*)  
Press <Enter> to update.

Filesystem	Description	Type	Size
/	Root File system	vxfs	15000*
/stand	Boot File system	bfs	20
/dev/swap	Swap Slice	slice	630*
/dev/dump	Dump Slice	off	
/home	User File system	vxfs*	500
/home2	2 <sup>nd</sup> User file system	vxfs*	15000*
/var	Add-ons File system	off	
/tmp	Temporary File System	vxfs*	2879*
/var/tmp	Temporary File System	memfs	40
/dev/vol/private	Private Volume	slice	1
ALTS TABLE	ALT/Sector Slice	slice	694

**NEW NOTE: Entries should reflect above values.**

Press <F10> when completed.

19. Customize Surface Analysis, Boot block, Disk geometry options:

Choose One: **Use defaults disk options.**

Press <F10>.

20. Choose System Profile:

License-based **Defaults:** 313.69 MB

Press <F10>.

21. Select Network Adapter.

Choose **“use the detected adapter shown above”**

**NOTE: Choose “Defer Network Configuration” on HP Proliant ML370 systems**

Press <F10>.

**NOTE: Steps 22 thru 25 will NOT be performed if “DEFER” is chosen in step 21, continue with step 26.**

22. Configure Networking Hardware

Accept defaults, Press <F10> to continue.

23. Configure TCP/IP Networking:

Input the following information (will change each installation site):

System IP Address:	<b>155.154.112.40</b>
System Netmask:	<b>255.255.255.0</b>
Broadcast Address:	<b>155.154.112.255</b>
Default Router:	<b>155.154.112.254</b>
Domain name:	<b>Sdcl.Lee.army.mil</b>
Primary DNS Address:	<b>132.159.118.5</b>
Other DNS Address:	<b>192.111.52.20</b>
Other DNS Address:	<b>192.153.134.250</b>
Frame Format:	<b>ETHERNET_II</b>

Press <F10> to continue.

24. Configure IPX Networking Protocol:

Press <F8> to Defer.

25. NIS Configuration:  
Press <F8> to Defer.

26. Date and Time:  
Verify and/or correct that the correct date, time and time zone are reflected  
(US/Eastern) <F10>

27. Security level: Choose One:  
Highlight **Traditional**  
Press <F10> to continue.

28. System Owner name:  
Input the following,

System owner name:	<b>scp13test</b>
System owner login name:	<b>scp13test</b>
System owner user ID number:	<b>101</b>
System owner password:	<b>scp1300</b>
Repeat password:	<b>scp1300</b>
Press <Enter>	

**NOTE: These entries will be used for testing purposes only.**  
Press <F10> when completed.

29. Root password:  
Enter **scp1300**  
Repeat password **scp1300**  
Press <Enter>  
Press <F10>.

30. License Agreements:  
Press <F10> to accept.

31. Press <F10> to begin software installation.  
(This will take approximately 30 minutes to install).

32. Action: When prompted to “Install the PTF diskette or Continue Installation”, insure  
the Supplemental Image diskette is in the ‘A’ drive.  
Select “Install a PTF Diskette”  
Press <F10> to complete installation.

33. Action: Select “Continue Installation” after PTF diskette has been loaded.

34. When prompted to “Reinsert the HBA diskette”, insure diskette is in the drive.

Press <**Enter**> to complete installation.

35. After installation, make certain CD-ROM and floppy drive is empty.

Press <**Enter**> to restart the system.

36. When system comes back up:

Select Type:

Select Mouse Type: **PS/2 – compatible**

Press <**F10**>.

37. PS/2 Mouse:

Select number of buttons: **2**

Press <**F10**>.

38. Mouse Configuration Test

Press <**any key**> to continue.

39. Click right or left mouse button when prompted.

40. Load Unixware Installation CD-ROM

Disk **2** of **3** when prompted

Press <**F10**> to continue.

41. Selecting products to install:

The following selections should be reflected; Use spacebar to SELECT or DESELECT items.

**JDK 1.1.7 For Sco**

**Netscape Communicator 4.61 for Unixware 7**

**Compaq PCI Hot-plug Driver Update**

Press <**Enter**> to install.

42. The following products will be installed (the following will be reflected on the screen): Installation is approximately 30 minutes.

COMPAQ PCI Hot-plug Driver Update  
Unixware Documentation  
Unixware Manual Pages  
Netscape Communicator 4.61 for UnixWare 7  
JDK 1.1.7 for SCO  
X11R6 Contributed X Clients  
X11R6 X Clients  
X11R6 Graphics Drivers  
X11R6 X Server  
OSF Motif 1.2.5 Runtime Environment  
X11R6 Base X Runtime System  
Audio Subsystem

Press <**F10**> to continue.

43. Insert the Unixware Installation CD-ROM  
Disk **3** of **3** when prompted,  
Press <**F10**>.

44. Selecting Products to Install: Press <**spacebar**> to remove (de-select) the following:

ARCserveIt 6.6 from Computer Associates  
RealNetworks RealPlayer 5.0  
RealNetworks RealAudio 3.1 Encoder  
RealNetworks G2 Server

**SCOVisionFS 3.0** will be the only remaining product marked with an asterisk.  
Press <**Enter**> to install.

45. VisionFS options: Press <**Enter**> three times to accept the following:

SCO VisionFS 3.0	YES
SCO TermLite 1.07	YES
<Apply>	

46. Setting Acceptance Screen:  
Press <**Y**>, then <**Enter**> to accept the options.

47. You will see the following products successfully installed:

<u>Status</u>	<u>Package Name</u>
Succeeded	SCO Vision FS 3.0
Succeeded	SCO Termlite 1.07

Press <Enter> to continue.

48. You will receive the following message: The following product (SCO VisionFS 3.0 successfully installed).

Press <F10>

49. Finalizing system settings:

Simply wait while the kernel is rebuilt and the system reboots.

50. Login as root using the passwords created in step 29 and add the LAN adapter package (dat tape). Use the following commands from the root prompt:

51. Double click to open the “dtterm” icon in upper left corner of screen.

52. At root prompt (#) enter: “mkdir /compaq\_drivers” Insert dat tape NC7781 gigabit Server Adapter. <ENTER>

53. At root prompt (#) enter: “cpio -icvBdum </dev/rmt/c0s0” <ENTER>

54. At root prompt (#) enter: “cd /compaq\_drivers” <ENTER>

55. At root prompt (#) enter: “pkgadd -d /compaq\_drivers/nd.713a.pkg” <ENTER>

56. “Select package(s) you wish to process (or “all” to process all packages) (Default: all)”

<Enter>

57. “Network Driver Package Version 8.01a”:

Enter a “1”

<Enter>

58. “Network Driver Installation:”

<Enter> to continue.

59. At the root prompt (#) enter: “cd”. (Returns to root directory)

60. At the root prompt (#) enter: “shutdown -y” <ENTER>

When prompted to turn off system or hit any key to reboot, hit any key to reboot the system.

61. Use SCO Admin to add the LAN Adapter. (You’ll need IP, Subnet Mask, Gateway, etc., addresses for these steps).

62. Log in as root. Double click the “dtterm” icon in upper left corner of screen to open a session.

63. At the root prompt (#) enter: “scoadmin”  
<ENTER>
64. At the “System Administration on *machine\_name*” window, scroll down to the “Networking” option. <ENTER>
65. Select “Network Configuration Manager” from the listed options. <ENTER>
66. From the Menu Bar, click on “Hardware” and select “Add New LAN Adapter” from the dropdown list box.
67. From the “Add New LAN Adapter” window, highlight “Ethernet-Compaq NC7781....” Item and click on “Continue”
68. From the “Network Driver Configuration” window, select Line Speed as “AUTO”. Click “OK”.
69. From the “Add Protocol” window, select “TCP/IP”. Click “ADD”.
70. In the “Internet Protocol Configuration” window, enter the required information. Click “OK” to save changes and exit from all windows back to the root prompt.

## Installing INFORMIX

1. Log in as root:  
enter password: **scp1300**
2. Click the arrow on top of the yellow SCO window to get the pull down window.
3. Click on **SCO ADMIN**.
4. Down arrow to select **Filesystem Manager**,  
press <**Enter**> or double click mouse to select.
5. Select mount point for /home2.  
Highlight **/dev/dsk/c0b0t0d0sc**.  
Click **M**ount on the pull down menu.  
Select **M**odify Mount Configuration.
6. Change mount point from “/home2” to “/informix”  
click **O**K.
7. Exit from Filesystem Manager.  
Click **H**ost  
select **e**xit.

### \* **Create groups and account for INFORMIX**

1. Double Click **A**ccount **M**anager.
2. Click **V**iew  
Select “**B**y **G**roups”.
3. Click on pull down **G**roups  
Select “Add **N**ew Groups...”
4. Type the name “**informix**” in window “Group Name”  
Click **O**K.
5. Pull down **V**iew  
select “By **U**sers”.
6. Pull down **U**sers  
Select “Add **N**ew User ...”

7. Enter **informix** in Login window  
Click OK.
8. Enter a new password – “**informix**” (nothing will display on screen)  
Confirm password – “**informix**”  
Click OK.
9. Click on “**User ...”**  
Click on **Modify**
10. Click on “**Change Group Membership ...”**
11. Down arrow in “**Other Group**” window until “**informix**” group appears  
Click to highlight.
12. Click <<Add button to move **informix** to “**Member of**” window  
click OK.
13. Click OK to accept changes.
14. Exit the session.  
Click **Host**  
Click **Exit**.
15. Click **File**  
Click **Exit**

\* **Set up INFORMIX Account**

1. (Hold the ctrl, alt, F2 key simultaneously to get vt02 screen).
2. Log in session as **informix**  
Password: **informix**
3. vi file **.kshrc** located in **/home/informix** add the following lines:
 

```
INFORMIXDIR=/home/informix/programs
PATH=${INFORMIXDIR}/bin:${PATH}
export INFORMIXDIR PATH
```
4. Create the **informix** program directory, type:
 

```
mkdir /home/informix/programs
```
5. Type in **exit**.

\* **Installing CD-ROMs**

1. Install the following CDROMs:

Client SDK 4GL RDS 4GL SQL SE
---

2. Log in as root.  
Enter root password: **scp1300**
3. Set environment variables for installation by typing the following at the root prompt (#):

INFORMIXDIR=/home/informix/programs PATH=\${INFORMIXDIR}/bin:\${PATH} export INFORMIXDIR PATH
---

4. Create a directory named “cdrom” at root.  
**mkdir /cdrom**
5. Insert the CD-ROM labeled **CLIENT SDK**.
6. Establish mount point  
**mount -r -F cdfs /dev/cdrom/cdrom1 /cdrom**
7. Change to the directory /home/informix/programs.
8. Extract data from cdrom.  
**cpio -icvdumB -I /cdrom/CLISDK/CLISDK.CPI**
9. To execute the installation command, type:  
**./installclientsdk**
10. When prompted with installation info type: “NO” and press <**Enter**>.
11. When prompted enter the serial number and the serial number key.

12. After the installation is completed **umount** the filesystem.  
**umount /cdrom**
13. Insert **the** CD-ROM labeled **4GL RDS**.
14. Establish mount point:  
**mount -r -F cdfs /dev/cdrom/cdrom1 /cdrom**
15. Make certain you are still in /home/informix/programs.
16. Extract data from the CD-ROM :  
**tar xvf /cdrom/4gpvt.tar**
17. Execute the installation command:  
**./install4gpvt**
18. Enter the **serial number** and the **serial number key** when prompted.
19. After the installation is completed **umount** the filesystem.  
**umount /cdrom**
20. Insert the CD-ROM labeled **INFORMIX 4GL**.
21. Establish the mount point:  
**mount -r -F cdfs /dev/cdrom/cdrom1 /cdrom**
22. Make certain you are still in /home/informix/programs.
23. Extract data from the CD-ROM:  
**tar xvf /cdrom/4glvt.tar**
24. Execute the installation command:  
**./install4glvt**
25. Enter **serial number** and **serial number key** when prompted.
26. After the installation is completed **umount** the filesystem.  
**umount /cdrom**
27. Insert the CD-ROM labeled **INFORMIX SQL**.
28. Establish the mount point:  
**mount -r -F cdfs /dev/cdrom/cdrom1 /cdrom**
29. Make certain you are still in /home/informix/programs.

30. Extract data from cdrom:  
**tar xvf /cdrom/sqlrt.tar**
31. Execute the installation command:  
**./installsqlrt**
32. Enter **serial number** and **serial number** key when prompted.
33. After the installation is completed **unmount** the filesystem.  
**umount /cdrom**
34. Insert CD-ROM labeled **INFORMIX SE**.
35. Establish mount point:  
**mount -r -F cdfs /dev/cdrom/cdrom1 /cdrom**
36. Make certain you are still in `/home/informix/programs`.
37. Extract the data from cdrom:  
**cpio -icvdumB -I /cdrom/se.cpi**
38. Execute the installation command:  
**./installse**
39. Enter the serial number and the serial number key when prompted.
40. After the installation is completed **unmount** the filesystem.  
**umount /cdrom**
- 41. Make certain you are still in /home/Informix/programs.**  
  
Enter: **"pwd" <ENTER>**
42. Remove the installation programs;  
  
Enter: **"rm install\*" <ENTER>**
43. Shutdown the system. Change directory to root. Must be at (`/`) root.