APPENDIX B - Instructions to Run “allow_ping.sh” Script

This is one of the R4.3.1 pre-install requirements

Introduction

Before you do the R4.3.1 upgrade you must run the procedures listed in **Part 0, step 4**. One of these procedures allows you to run “allow_ping.sh” script which makes it possible for the NCF to Ping the LDAD firewall. The original R4.2.3 post installation setup instruction is procedure 5.0, below. If you already ran it and verified that it works (see Part 0, step 4C), you do not need to run it again.

If you need to run it and are not able to find the “R4.2.3 CD”, you can run the 5.0* version, instead. The latter procedure allows you to obtain the “allow_ping.sh” script from the NOAA1 server before executing the procedure.

The two procedures included in this appendix are:

5.0 Instructions to Run “allow_ping.sh” to Allow NCF to Ping the LDAD Firewall
(Needs R4.2.3 CD)

5.0* Instructions to Run “allow_ping.sh” to Allow NCF to Ping the LDAD Firewall
(Doesn’t need R4.2.3 CD)

If you have any problems relating to these instructions, call the NCF.

5.0 Instructions to Run "allow_ping.sh" to Allow NCF to Ping the LDAD Firewall (uses R4.2.3 CD)

Below are the original R4.2.3 instructions created 8/19/99. It uses the R4.2.3 CD to obtain the "allow_ping.sh" script.

1. Start a telnet window on a workstation and login in as root. From the telnet window, use the rlogin command to log into DS1 as root:

   ```
   rlogin ds1 -l root
   ```

2. Insert the 4.2.3 CD into the CD-ROM drive **on DS1.**

   Verify that the /cdrom directory exists:

   ```
   ll /cdrom
   ```

   If it does not exist, type:

   ```
   mkdir /cdrom
   ```

3. Mount the CD-ROM in the root directory on DS1:

   Enter **one** of the following commands:

   For K class data servers:

   ```
   mount /dev/dsk/c3t2d0 /cdrom
   ```

   For D class data servers:

   ```
   mount /dev/dsk/c1t2d0 /cdrom
   ```

   NOTE: If the mount commands don't work, insert another CD into the reader and check the drive using the appropriate "mount" command. If this doesn't work, call the NCF.

4. Get the IP address of DS1 from the "**/etc/hosts**" file on DS1.

5. From the **System Console terminal** with the "AWIPS Main Menu", connect to the firewall and login as root by doing the following:

   Enter "**q**"
   Press **<Ener>** key
   Press **<Enter>** key
   Enter "**Connect xyplex1:5800**" (i.e. xyplex<one>:5800)
   Login as root

6. On the System Console terminal, change to the "/etc/scripts" directory by entering:

```
cd /etc/scripts
```

7. On the System Console terminal, get the firewall modification script "**allow_ping.sh**" from the DS1 via "ftp", by entering:

```
ftp  <IP address of DS1>
```

(Enter user name as **root** and its password)

```
cd /cdrom

get allow_ping.sh

bye
```

8. On the System Console terminal, run the modification script :

```
chmod 544 allow_ping.sh

./allow_ping.sh
```

9. Ensure that the firewall server does **NOT** have a keyboard attach to it. If this case is ensured, on the System Console terminal, reboot the firewall server by entering:

```
reboot
```

NOTE: Watch the firewall server to reboot. It will take about 3 minutes. After reboot, the firewall server will display a login to the console port.

NOTE: If the firewall server was rebooted with a keyboard attached to it, the firewall server will require an attached keyboard for next reboot. The site may not want this to happen.

10. Restore the System Console terminal back to normal by doing the following:

Press <**Break**> key
Enter **"disconnect all"**
Enter **"logout"**
After a few seconds, press <**Enter**> key and then enter a user name.
Enter "**t**" to return to the root "AWIPS Main Menu"

11. On the telnet window, un-mount the Release 4.2.3 install CD, type:

```
cd /

fuser -k /cdrom

umount /cdrom
```

(Note: Be careful to type this command correctly! "`/cdrom`" is one word!)

Remove the Release 4.2.3 CD.

12. Exit DS1 by entering:

```
exit
```

5.0* Instructions to Run “allow_ping.sh” to Allow NCF to Ping the LDAD Firewall (gets script from NOAA1 server.)

Below is a slight modification of the original R4.2.3 instructions. The following instructions obtain the “allow_ping.sh” script from the NOAA1 server. You can run this procedure if you have not already run procedure 5.0, which used the R4.2.3 CD.

1. Start a telnet window on a workstation and login in as root. From the telnet window, use the rlogin command to log into DS1 as root:

   `rlogin ds1 -l root`

2. Get the IP address of DS1 from the “**/etc/hosts**” file on DS1.

3 From the **System Console terminal** with the "AWIPS Main Menu", connect to the firewall and login as root by doing the following:

   Enter "**q**"
   Press **<Ener>** key
   Press **<Enter>** key
   Enter "**Connect xyplex1:5800**" (i.e. xyplex<one>:5800)
   Login as root

4. Change to the “/etc/scripts” directory by entering the command:

   `cd /etc/scripts`

5. Connect to the NOAA1 ftp server by entering the command:

   `ftp 165.92.30.15`

   Once you are connected to the NOAA1 ftp server, login as **`ftp`** user with a password of **`4AWIPS!`**

6. Get the “allow_ping.sh” file by entering the commands:

   `binary`

   `cd /cdrom`

```
get allow_ping.sh

bye
```

7. On the System Console terminal, run the modification script :

```
chmod 544 allow_ping.sh

./allow_ping.sh
```

8. Ensure that the firewall server does **NOT** have a keyboard attach to it. If this case is ensured, on the System Console terminal, reboot the firewall server by entering:

```
reboot
```

NOTE: Watch the firewall server to reboot. It will take about 3 minutes. After reboot, the firewall server will display a login to the console port.

NOTE: If the firewall server was rebooted with a keyboard attached to it, the firewall server will require an attached keyboard for next reboot. The site may not want this to happen.

9. Restore the System Console terminal back to normal by doing the following:

   Press **<Break>** key
   Enter **"disconnect all"**
   Enter **"logout"**
   After a few seconds, press **<Enter>** key and then enter a user name.
   Enter "**t**" to return to the root "AWIPS Main Menu"

10. Exit DS1 by entering: **`exit`**