4FAX# 2446.

How to Set Up sar

Special Notices

Information in this document is correct to the best of our knowledge at the time of this writing. Please send feedback by fax to "AIXServ Information" at (512) 823-4009.

Please use this information with care. IBM will not be responsible for damages of any kind resulting from its use. The use of this information is the sole responsibility of the customer and depends on the customer's ability to evaluate and integrate this information into the customer's operational environment.

About This Document

This document is applicable to AIX 3.2.5 and 4.1.

Error Messages

If you get errors like:

```
sar:0551-201 cannot open /usr/adm/sa/sa12
```

or

```
sar:0551-213 try running /usrlib/sa/sa1
```

the data collection programs have not been set up to collect the data that sar reports.

If you see this error, either on boot up or when running the sar command:

```
sar: 0511-211 specify a positive integer for the time change
```

see step 4 in the next section.

How to Set Up sar Data Files Under 3.2

1. Log in as root; then "su - adm".
2. Enter "crontab -e".
3. Uncomment the following lines: (remove the # sign from the front of the line)

```
#0 8-17 * * 1-5 /usr/lib/sa/sa1 1200 3 &
#0 * * * 0,6 /usr/lib/sa/sa1 &
#0 18-7 * * 1-5 /usr/lib/sa/sa1 &
#5 18 * * 1-5 /usr/lib/sa/sa2 -s 8:00 -e 18:01 -i 3600 -ubcwyaqvm &
```

The lines should now look like this:

```
0 8-17 * * 1-5 /usr/lib/sa/sa1 1200 3 &
0 * * * 0,6 /usr/lib/sa/sa1 &
0 18-7 * * 1-5 /usr/lib/sa/sa1 &
5 18 * * 1-5 /usr/lib/sa/sa2 -s 8:00 -e 18:01 -i 3600 -ubcwyaqvm &
```

4. Uncomment the following line in the /etc/rc file:

```
#/bin/su - root -c /usr/lib/sa/sadc /usr/adm/sa/sa `date +%d`
```

The line should now look like this:

```
/bin/su - root -c /usr/lib/sa/sadc /usr/adm/sa/sa `date +%d`
```

5. Reboot the system; this will turn on the data collection programs that the sar command uses for displaying data.

Reader's Comments

Please fax this form to (512) 823-4009, attention "AIXServ Information". You may also e-mail comments to: elizabet@austin.ibm.com. These comments should include the same customer information requested below.

Use this form to tell us what you think about this document. If you have found errors in it, or if you want to express your opinion about it (such as organization, subject matter, appearance) or make suggestions for improvement, this is the form to use.

If you need technical assistance, contact your local branch office, point of sale, or 1-800-CALL-AIX (for information about support offerings). These services may be billable. Faxes on a variety of subjects may be ordered free of charge from 1-800-IBM-4FAX. Outside the U.S. call 415-855-4329 using a fax machine phone.

When you send comments to IBM, you grant IBM a nonexclusive right to use or distribute your comments in any way it believes appropriate without incurring any obligation to you.

Note: If you have a problem report or item number, supplying that number may help us determine why a procedure did or did not work in your specific situation.

Problem Report or Item #: Branch Office or Customer #:

Be sure to print your name and fax number below if you would like a reply:

Name: Fax Number:

END OF DOCUMENT (how.to.setup.sar.lxp, 4FAX# 2446)