AIX 4.2 Installation Tips

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 contains the latest tips for successful installation of AIX 4.2, and will be updated as new tips become available.

DB2 Recommended Updates for 604 Processor Systems 1
System Hang Running ORACLE on SMP Systems 1
Required 7135-110 Microcode Update 2
AIX Man Pages 2
Lppchk errors on ESSL 2.2.2 2
Locale Installation for Estonia, Latvia, or Lithuania 2
Copying Software from AIX 4.2 CD-ROM 3
Reader's Comments 4

DB2 Recommended Updates for 604 Processor Systems

Dates, times, and/or timestamps are incorrect in DB2 for AIX V2.1. The problem was introduced in DB2 for AIX V2.1.1 on PowerPC 604 chips or any processor that uses an interval timer instead of special time registers. This interval timer needs to be reset after a process is forked or the value will be incorrect.

DB2 for AIX PTF U444032 contains an APAR IX57721 fix which corrects the above mentioned problem in DB2 for AIX.

System Hang Running ORACLE on SMP Systems

A problem, which manifests itself as a system hang, has been discovered in the ORACLE kernel extension pw-syscall4.1 running on SMP processors. The problem has only been experienced on the 604 with 6 or more CPUs running Oracle Version 7.1.6 and applications with heavy insert activity.

ORACLE is providing a new kernel extension with ORACLE version 7.3.2 that fixes the problem. Customers should upgrade their ORACLE post wait kernel extension before the installation of the 604 processor to avoid this situation. Please, contact your ORACLE support representative (and refer to BUG 397843 filed for SAP) if you have any questions about this problem.

Required 7135-110 Microcode Update

Customers upgrading systems with attached 7135-110 Raidiant Array subsystems to AIX 4.2 must also obtain and install the latest version of controller and drive microcode. This microcode update can be obtained via hardware service channels (800-IBM-SERV in the U.S.) by requesting ECA 005.

A new publication for the 7135, containing information on microcode and device driver installation, should also be ordered. This publication is titled 7135 Raidiant Array for AIX: Installation Guide and Reference, form number SC23-1742.

AIX Man Pages

The AIX man command searches the Hypertext Information Libraries in addition to traditional man pages. The Hypertext Information Base Libraries are available on CD-ROM, or may be installed on disk from the AIX 4.2 Installation media. The AIX commands and file formats man pages are in the following Hypertext Information Libraries, each of which can be installed separately.

```
Fileset Name    Size in MB
Commands Database       28
Files Database          11
```

Lppchk errors on ESSL 2.2.2

After successfully installing and committing ESSL 2.2.2 on AIX 4.1 or 4.2, lppchk -c may produce the following errors.

```
lppchk: 0504-206  File /usr/lpp/essl/essl.rs1.rte/2.2.2.1
      could not be located.
lppchk: 0504-206  File /usr/lpp/essl/essl.rs2.rte/2.2.2.1
      could not be located.
```

These errors are due to temporary directories, removed as part of the commit process, having entries in the ODM inventory object. The errors can be safely ignored.

Locale Installation for Estonia, Latvia, or Lithuania

AIX 4.2 Base Operating System (BOS) installation does not install the necessary locale filesets if Estonia, Latvia, or Lithuania is chosen as the primary locale.

To circumvent this problem:

1. Select C (POSIX) as the primary cultural convention during BOS installation.
2. Use the following procedure in the Installation Assistant to install and select the desired cultural convention.

```
Manage Language Environment
 Add Additional Language Environments
 - Select the desired cultural convention from the list and
   execute the SMIT dialog to install the locale support.

Manage Language Environment
 Change/Show Primary Language Environment
  Select Set of Cultural Convention, Language, and Keyboard
  - Select the desired set from the list and execute the
    SMIT dialog to change the primary language environment.
```

3. Reboot the system after leaving the Installation Assistant.

Copying Software from AIX 4.2 CD-ROM

In the interest of installability, CD-ROM volume 2 of AIX 4.2 contains subsets of some images where the complete image is contained on volume 1. When copying software to hard disk from volume 2 after volume 1, these subsets will overwrite the complete images already extracted from volume 1. The easiest way to avoid this is to copy the desired images first from volume 2, and then copy images from volume 1.

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 (42.install.tips.anz, 4FAX# 3685)