



Solaris 8 Admin Pack Release Notes

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Contents

	Preface	5
1.	Update 2/24/2000	9
	Languages Available in a Custom Installation	9
	Files for Access Control in AdminSuite User Manager [4305882]	10
	Solaris AdminSuite Version Number	10
2.	Late-Breaking Installation and Runtime Bugs	11
	Solaris Management Console Bugs	11
	SMC Servlet May Crash Due to Insufficient Swap [4166571]	11
	SMC Clients on the Same Server Do Not Update Each Other When Registry Changes [4168704]	12
	No Default SMC pam Entry in /etc/pam.conf file [4168726]	12
	SMC Applications Can Be Modified by Any User [4169897]	12
	Launched Applications May Not Display When Running SMC Client Via Remote xhost [4171154]	13
	Solaris Adminsuite 3.0.1 Issues	13
	The User Properties List of Rights Is Not Translated	13
	No Multi-Byte Characters Are Accepted in AdminSuite Dialog Boxes	13
	Out-of-Memory Error – Troubleshooting Solution Unsuccessful	14

AdminSuite Cannot Handle NFS Mounts with `/dev=` Option
[4279439] 14

AdminSuite Cannot Manage High Sierra File System [4284522] 15

Sun Enterprise Authentication Mechanism 1.0.1 Issues 15

Sun Enterprise Authentication Mechanism Does Not Accept Extended
Characters in Passwords [4250805] 15

Must Upgrade SEAM on Solaris 8 15

Kerberos V5 Not Working with NFS [4278857] 15

`/etc/pam.conf` File Installed Incorrectly [4278862] 16

3. End-of-Support Statements 17

4. Late-Breaking Documentation Issues 19

SMC Online Help 19

AdminSuite Online Help 20

Preface

The *Solaris 8 Admin Pack Release Notes* contain details of installation and runtime problems, and other information that was not available until immediately before the release of the Solaris™ 8 Admin Pack software.

Who Should Use This Book

These release notes are for anyone who is installing or administering Solaris 8 Admin Pack products.

How This Book is Organized

These release notes contain the following chapters:

Chapter 2 describes late-breaking issues related to the installation of the Solaris 8 Admin Pack software or that may arise while you are using Solaris 8 Admin Pack software.

Chapter 3 provides end-of-support statements for products that may not be included in future releases of the Solaris 8 Admin Pack.

Chapter 4 lists known errors in Solaris 8 Admin Pack documentation.

Component Release Notes

The Solaris 8 Admin Pack product CD contains the release notes of component products for which release notes are available. The following table shows the location of all component release notes provided on the Admin Pack product CD.

TABLE P-1 Locations of Component Release Notes

Component Product Release Notes	Location on Product CD
Solaris AdminSuite 3.0 Release Notes	/html/AdminSuite_3.0.1 /admin_suite.html
Solaris Enterprise Authentication Mechanism™ Installation and Release Notes	Sun_Enterprise_Authentication_Mechanism_1.0.1/ SEAMINSTNOTES.ps

Related Books

For full details on Solaris 8 Admin Pack products, see the *Solaris 8 Admin Pack Installation Guide*.

Ordering Sun Documents

Fatbrain.com, an Internet professional bookstore, stocks select product documentation from Sun Microsystems, Inc.

For a list of documents and how to order them, visit the Sun Documentation Center on Fatbrain.com at <http://www1.fatbrain.com/documentation/sun>.

Accessing Sun Documentation Online

The docs.sun.comSM Web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. The URL is <http://docs.sun.com>.

Contacting Customer Support

If you have any support issues, call your authorized service provider. For further information about support, see <http://access1.sun.com>. To find out more about Sun MicrosystemsTM, Inc., see <http://www.sun.com>.

What Typographic Conventions Mean

The following table describes the typographic changes used in this book.

TABLE P-2 Typographic Conventions

Typeface or Symbol	Meaning	Example
AaBbCc123	The names of commands, files, and directories; on-screen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name% you have mail.</code>
AaBbCc123	What you type, contrasted with on-screen computer output	<code>machine_name% su</code> <code>Password:</code>

TABLE P-2 Typographic Conventions (continued)

Typeface or Symbol	Meaning	Example
<i>AaBbCc123</i>	Command-line placeholder: replace with a real name or value	To delete a file, type <code>rm filename</code> .
<i>AaBbCc123</i>	Book titles, new words, or terms, or words to be emphasized.	Read Chapter 6 in <i>User's Guide</i> . These are called <i>class</i> options. You must be <i>root</i> to do this.

Shell Prompts in Command Examples

The following table shows the default system prompt and superuser prompt for the C shell, Bourne shell, and Korn shell.

TABLE P-3 Shell Prompts

Shell	Prompt
C shell prompt	machine_name%
C shell superuser prompt	machine_name#
Bourne shell and Korn shell prompt	\$
Bourne shell and Korn shell superuser prompt	#

Update 2/24/2000

This update dated 2/24/2000, part number 806-3468-11, contains late-breaking information about the Solaris 8 Admin Pack that became available after the release notes contained on the Solaris 8 Admin Pack CD went to production.

The information contained in this update pertains to installation and to the Solaris AdminSuite software.

- “Languages Available in a Custom Installation” on page 9
- “Files for Access Control in AdminSuite User Manager [4305882]” on page 10
- “Solaris AdminSuite Version Number” on page 10

Languages Available in a Custom Installation

When a user selects “Custom Install” from the Solaris 8 Admin Pack Installer, the following languages are displayed as options:

- Chinese (Taiwan, BIG5) (zh_TW.BIG5)
- Chinese (GBK) (zh.GBK)
- Korean (UTF-8) (ko.UTF-8)

Only the PPP product is available in these languages. Users should select EUC languages (ko, zh, zh_TW).

Files for Access Control in AdminSuite User Manager [4305882]

When the User Properties dialog box is displayed, it is possible to get the error “java.io.exception: File Not Found.” To avoid this error, perform the following:

```
cp /usr/lib/help/auths/locale/C/*.html /opt/SUNWseam/3_0/help/default/auths
```

For languages other than English, the appropriate locale-specific source files should be copied to `/opt/SUNWseam/3_0/help/locale/auths`.

Solaris AdminSuite Version Number

The version number of Solaris AdminSuite in the Solaris 8 Admin Pack is 3.0.1 for all components of the product that run in the Solaris operation environment. The client components of Solaris AdminSuite that run on Microsoft Windows operating systems are version 3.0.

The *AdminSuite Release Notes* on the Solaris 8 Admin Pack CD are the same as the release notes for AdminSuite 3.0, and they still apply to version 3.0.1 unless noted otherwise in the *Solaris 8 Admin Pack Release Notes*.

Late-Breaking Installation and Runtime Bugs

This chapter covers issues related to the installation of the Solaris 8 Admin Pack software or that may arise while you are using Solaris 8 Admin Pack software.

- “Solaris Management Console Bugs” on page 11
- “Solaris Adminsuite 3.0.1 Issues” on page 13
- “Sun Enterprise Authentication Mechanism 1.0.1 Issues” on page 15

Solaris Management Console Bugs

The known issues with Solaris Management Console (SMC) are listed in the following sections.

SMC Servlet May Crash Due to Insufficient Swap [4166571]

If the machine on which the SMC server is running does not have sufficient swap space and the Java garbage collector is not given enough time to release allocated memory, the servlet may run out of memory and cause a segmentation fault.

As a result, all client machines disappear and the initial server remains with a red slash through it, indicating that it is not available.

Workaround: To resume, become `superuser` and restart the SMC servlet by executing these commands:

```
/etc/init.d/ehttpd stop
```

```
/etc/init.d/ehttpd start
```

This problem can be avoided by spacing authentication requests far enough apart to allow the Java garbage collector to do its work, adding sufficient swap space, or periodically restarting the servlet or rebooting the machine.

SMC Clients on the Same Server Do Not Update Each Other When Registry Changes [4168704]

If multiple clients are accessing the same SMC server, and one of the clients updates the SMC registry on the server, the others will not be notified of the change. SMC displays only the old registry information in the Applications View and SMC Server View. This display causes `Already exists` errors to be reported to the older clients when they attempt to manually add the same registry changes.

Workaround: Log out and log in again to refresh the SMC client display.

No Default SMC pam Entry in /etc/pam.conf file [4168726]

SMC uses `smc_console` as its pam service name when SMC calls `pam_start()`. The default `/etc/pam.conf` file does not have an entry for the `smcconsole` service. This causes pam to correctly use the pam module `other` in `pam.conf`, which refers to the `pam_unix` module.

SMC Applications Can Be Modified by Any User [4169897]

Applications that are registered with Solaris Management Console to be launched with `user`, `root`, or `group 14` permission can have their SMC registry information modified or removed by any user.

Workaround: None

Launched Applications May Not Display When Running SMC Client Via Remote xhost [4171154]

When running SMC client on a remote xhost, launched applications may not be displayed.

Workaround: Add each remote server to your X authorization list, for example `xhost + .`

Solaris AdminSuite 3.0.1 Issues

The known issues with AdminSuite are listed in the following section.

The User Properties List of Rights Is Not Translated

The Rights tab of the User Properties dialog box lists all possible user rights for the domain you are currently managing. This list is in English because the rights shown are obtained from tables that cannot be translated in this version of the product. To learn more about the rights, refer to the context-sensitive help provided when clicking on each Right shown in the Rights tab.

No Multi-Byte Characters Are Accepted in AdminSuite Dialog Boxes

You cannot enter multi-byte characters in any of the AdminSuite dialog boxes, and specifically in the description fields.

Workaround: Click anywhere in the HTML renderer pane in the left side of the dialog box. Then press the Ctrl and Space keys (or whatever control sequence is configured). Note that the pre-edit status window opens; by default, it is at the bottom of the dialog box. Toggle the control sequence until it is in the input mode that you want, and then click on the field in which you want to enter multi-byte characters. If the pre-edit status window disappears, try the workaround again, starting with clicking anywhere in the HTML renderer pane.

Out-of-Memory Error – Troubleshooting Solution Unsuccessful

If you receive java.lang.OutOfMemory errors, first follow the directions in the Out-of-Memory Error section of AdminSuite's online Troubleshooting guide. That should solve the problem, but if it does not then you might have insufficient "descriptors" (open files). Insufficient descriptors is more likely to be the cause of the out-of-memory errors if you have one server with multiple clients.

To view the number of descriptors, type "limit" in a c shell window:

```
% limit

cputime    unlimited
filesize  unlimited
datasize   2097148 kbytes
stacksize  8192 kbytes
coredumpsize unlimited
descriptors 64
memorysize unlimited
```

In this case, the default is set to 64, which may be fewer than you need. Try increasing the number of descriptors to 1024 by issuing the limit descriptors command.

```
% limit descriptors 1024
```

AdminSuite Cannot Handle NFS Mounts with /dev= Option [4279439]

Mounts on file systems that contain the /dev= option in the /etc/mnttab file are displayed incorrectly by AdminSuite. When a user selects on a Mounts node or attempts any Mount administration operation, the following error is displayed:

```
Invalid or unsupported mount option, dev, for mount file_sys
mounted
at mount point mount_point. This mount cannot be managed by this
application.
```

All such mounts are displayed with a Mount Status of At Boot.

AdminSuite Cannot Manage High Sierra File System [4284522]

AdminSuite cannot manage the High Sierra File System (HSFS). An attempt to view a mount of HSFS CD-ROM will generate an error similar to the following:

```
Invalid or unsupported mount option maplcase for mount  
/vol/dev/dsk/c0t6d0/network_client_3_2. This mount cannot be  
managed by this application.
```

Sun Enterprise Authentication Mechanism 1.0.1 Issues

The known issues with SEAM 1.0 are listed in the following section.

Sun Enterprise Authentication Mechanism Does Not Accept Extended Characters in Passwords [4250805]

Password fields in Sun Enterprise Authentication Mechanism (SEAM) do not accept Extended (8-bit) characters. SEAM documentation does not document this restriction.

Must Upgrade SEAM on Solaris 8

When upgrading to the Solaris 8 operating environment, you must also upgrade SEAM to the 1.0.1 version contained in the Solaris 8 Admin Pack. Otherwise, you will not be able to use Kerberos V5 security with NFS. This could cause NFS sharing to fail on the server, which would prevent clients from gaining access to filesystems shared with strong security. A machine sharing or using Kerberos V5 security for NFS should not upgrade to Solaris 8 without a simultaneous upgrade to the Solaris 8 Admin Pack.

Kerberos V5 Not Working with NFS [4278857]

After installation, several lines in the `/etc/nfssec.conf` file are left commented, thus preventing use of Kerberos V5 with NFS.

Workaround: Remove comment indicator (#) at the beginning of the following lines in the `/etc/nfssec.conf` file:

```
#krb5 390003 kerberos_v5 default - #RPCSEC_GSS
```

```
#krb5i 390004 kerberos_v5 default integrity #RPCSEC_GSS
```

`/etc/pam.conf` File Installed Incorrectly [4278862]

After installation, several lines in the `/etc/pam.conf` file are left commented, which prevents Kerberos security from being applied to the applications indicated in the commented lines.

Workaround: Remove comment indicator (#) at the beginning of all lines in `/etc/pam.conf` that begin with `SEAM`.

End-of-Support Statements

The Solaris 8 Admin Pack is a composite product that contains many individual product components which can change dynamically between product releases. Therefore, any product component within the Solaris 8 Admin Pack may not be supported in future releases.

Late-Breaking Documentation Issues

This chapter lists errors in the Solaris 8 Admin Pack documentation, or the documentation for any of the Solaris 8 Admin Pack products.

- “SMC Online Help” on page 19
- “AdminSuite Online Help” on page 20

SMC Online Help

Book Affected: Solaris Management Console online help [4168337]

In the section “Solaris Management Console Overview,” under “To View the Server Audit Log,” it incorrectly refers to the audit log file as `/usr/adm/messages`. The correct audit log file is `/var/adm/messages`.

In the client installation section, it says:

```
“  
# cd /cdrom/cdrom0/products/Solaris_Management_Console_1.0/Solaris_2.6  
.”
```

It should say:

```
“  
# cd /cdrom/cdrom0/products/Solaris_Management_Console_1.0  
.”
```

Book Affected: Solaris Management Console online help [4178308]

In the section titled "Solaris Management Console Troubleshooting," is a topic titled "SMC Server: No Applications Shown." Within that topic is a statement that says: You can use the `jar -cf` command to get a listing of the contents of the `jar` file in question.

The proper command is:

```
jar -tf /usr/sadm/smc/beans/SMC.jar.
```

If you use the `jar -cf` command, you will destroy the backup file (`SMC.jar.bak`).

AdminSuite Online Help

The AdminSuite online help indicates that the High Sierra File System (HSFS) can be managed by AdminSuite, but that is not true. AdminSuite 3.0.1 cannot manage HSFS.