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## Solaris Easy Access Server 2.0 Release Notes

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# Preface

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The *Solaris Easy Access Server Release Notes* contain details of installation and runtime problems and other information that was not available until immediately before the release of the Solaris Easy Access Server software.

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## Who Should Use This Book

This release notes are for anyone who is installing or administering Solaris Easy Access Server products.

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## How This Book is Organized

These release notes contain the following chapters:

Chapter 1 describes issues you may see at installation time.

“Solaris Management Console (SMC) Launches the TotalNET Administration Component Using the Default Solaris Version of Netscape 4166208” on page 6 describes issues that you may see when using the Solaris Easy Access Server products.

Chapter 3 provides information on product changes that were not included in the *Solaris Easy Access Server Installation Library*.

Chapter 4 provides end-of-support statements for products that may not be included in future releases of the Solaris Easy Access Server.

Chapter 5 describes software patches to some of the Solaris Easy Access Server products. It tells you if they are included with the product (integrated) or if you have to get them from elsewhere (non-integrated), and which bugs they fix.

lists known errors in Solaris Easy Access Server documentation, and lists additional documents that are available.

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## Related Books

For full details on Solaris Easy Access Server products, see the *Solaris Easy Access Server Installation Library*.

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## Ordering Sun Documents

The SunDocs<sup>SM</sup> program provides more than 250 manuals from Sun Microsystems, Inc. If you live in the United States, Canada, Europe, or Japan, you can purchase documentation sets or individual manuals using this program.

For a list of documents and how to order them, see the catalog section of the SunExpress<sup>TM</sup> Internet site at <http://www.sun.com/sunexpress>.

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## Accessing Sun Documentation Online

The docs.sun.com 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>.

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## 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 Microsystems<sup>TM</sup>, Inc., see <http://www.sun.com>.

## Late-Breaking Installation Issues

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This chapter describes known problems relating to the installation of the Solaris Easy Access Server software.

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### TotalNET Advanced Server (SunLink™) Drivers Cause Panic After a Reboot 4121961



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**Warning** - Warning: mod\_install: MT-unsafe driver 'tnatp' rejected panic[cpu0] / thread=7051e040:mutex-enter:bad\_mutex lp=1046aa20 owner=7051e040 thread=7051e040

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An upgrade to TotalNET Advanced Server version 5.2 is required with the Solaris 7 operating environment because of a driver conflict. Version 5.0 and version 5.1 for the TotalNET Advanced Server causes the Solaris 7 operating environment to not boot correctly.

**Workaround:** Before you install the Solaris 7 operating environment, you must upgrade all installations to version 5.2 for the TotalNET Advanced Server, which is available on the Solaris Easy Access Server 2.0 CD. Follow the instructions provided to upgrade existing TotalNET Advanced Server installations.

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## Installation of Solaris Easy Access 2.0 Server Documentation

There are two different versions of Solaris Web Start. One comes on the Solaris 7 CD and the other on the Solaris Easy Access Server 2.0 CDs. While both versions of Solaris Web Start can install AnswerBook documentation, the version that comes with the Solaris Easy Access Server can install some additional documentation that is not in AnswerBook format.

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## SKIP 1.1.1 Not Supported in Solaris 7 Operating Environment

If you have any version of SKIP currently installed on your system, you should remove the SKIP packages before installing or upgrading to Solaris 7. The packages you should remove are:

(list of pkgs)

To remove the packages, type:

```
% pkgrm pkgname, pkgname, pkgname
```

---

## Package Differences Between Domestic and Global Versions of Solaris Easy Access Server

“Information for a pkgadd Installation” in *Solaris Easy Access Server 2.0 Installation Library* lists the packages that are available with the Domestic version of the Solaris Easy Access Server. Table A-1 lists the SunScreen SKIP and Sun WebServer packages that are included in the Global version.



**TABLE 1-1** Product Packages Available With Solaris Easy Access Server Global Edition

<b>Product</b>	<b>Packages Available</b>
SunScreen SKIP 1.1.1	SICGbdcdr SICGcrc2 SICGcrc4 SICGes SICGkeymg SICGkisup
Sun WebServer 2.0	SUNWfns SUNWhtadm SUNWhtsvl SUNWhttp (SPARC platform) SUNWhttpc (Intel platform) SUNWski SUNWskica SUNWskicw SUNWskimc SUNWskimu SUNWssl SUNWhtdoc SUNWhtman SUNWixklg



## Late-Breaking Runtime Bugs

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This chapter covers bugs that may occur while you are using Solaris Easy Access Server software.

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### Solaris Management Console Bugs

The four known issues with Solaris Management Console (SMC) are listed below.

#### 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 can be avoided by spacing authentication requests far enough apart to allow the Java garbage collector to do its work, adding sufficient swap, 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 out of sync display will result in `Already exists` errors being reported to these older clients when they attempt to manually add the same registry changes.

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

## Solaris Management Console (SMC) Launches the TotalNET Administration Component Using the Default Solaris Version of Netscape 4166208

TotalNET is registered with SMC to be run using the Netscape browser found in `/opt/NSCPcom/netscape`. This is the default location for the Solaris version of Netscape. During launch, SMC looks for Netscape in this location, and if does not find it there, it will use the HotJava browser found in `/usr/dt/bin/hotjava`. TotalNET uses browser features that are not supported by HotJava, and the TotalNET administration page will not work.

**Workaround:** Use the SMC “Modify Application” to change the “Application Path/URL” to make TotalNET use the correct version of Netscape that is installed on your system. Then update the “Application Args” to contain the URL for TotalNET.

---

## SMC Runtime Issues

### Under Solaris 2.6, Swing Package JTextField cannot accept Chinese Input

There is a bug in the Java Swing components running on the Solaris 2.6 operating environment that prevents the user from entering text using the Chinese input method.

### SMC Applications can be Modified by any User

Applications registered with Solaris Management Console to be launched with `user`, `root` or `group 14` permission can be modified or removed by any user.

## No Default SMC pam Entry in `/etc/pam.conf` file

SMC uses `smcconsole` 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 use the pam module "other" in `pam.conf`, which refers to the `pam_unix` module.

---

## AnswerBook2 Package Size Anomalies Reported by `pkgchk` 4167646

The `pkgchk -n` command reports package size anomalies for AnswerBook2 packages installed from the Document CD. These anomalies result from post-install processing of AnswerBook2 packages. These size anomalies do not effect AnswerBook2 collection integrity and can be ignored.

**Workaround:** There is no workaround.

---

## Solaris WebServer Bugs

The two known Solaris WebServer bugs are listed below.

### Error After Creating Chinese Named Group 4167688

After adding a realm named using extended 16-bit Chinese characters, the Save operation responds by reporting `Error in configuration file`.

**Workaround:** Confine realm names to the ASCII character set.

### Configurations Menu Strings are Truncated in Japanese and Chinese 4165330

In 16-bit locales, entries in the Configurations Menu may be truncated; entries below the first will show only as many characters as the first.

**Workaround:** No workaround available since this does not effect functionality, only the appearance of the menu.

## Late-Breaking New Features

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This chapter includes late-breaking new features that arrived too late to be included in the “What’s New” chapter of the *Solaris Easy Access Server Installation Library*.

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### Solaris Web Start and Disk Space Management

When doing a Web Start installation, you are given the choice to locate products in directories other than their default directory. For example if there is insufficient space in the default directory, you might chose another. However, the relocation option is only available at the initial installation. Once a product is installed for the first time, its location is permanently chosen. or the products do not have sufficient space for the products being installed, an insufficient disk space warning will be displayed prior to time when the "Install Now" button would be pressed.

Web Start will not fail due to lack of disk space. Whether you chose the default or an alternate directory, Web Start performs a disk check operation to make sure that there is enough room in the directories you have chosen. If there is not enough disk space, Web Start displays a message about insufficient disk space and doesn't let you press the Install Now button until you have resolved all disk space issues. You can manage disk space by removing unwanted data on the disk or selecting fewer of the product components.





## End-of-Support Statements

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This chapter lists the late-breaking end-of-feature statements.

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### Future End-of-Software Support Statements

The following Solaris Easy Access Server 2.0 components may no longer be supported in future releases.

- Solstice AdminSuite 2.3
- Solstice AutoClient 2.1
- SunLink PC 2.0
- Solaris Data Backup Utility 5.1.1
- Solstice NFS Client 3.2
- Java IDL 1.1

Solaris Easy Access Server 2.0 is a composite product which contains many individual product components which can change dynamically between product releases. Therefore, any product component within Solaris Easy Access Server 2.0 may not be supported in future releases.



## Late-Breaking Documentation Issues

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This chapter lists errors in the Solaris Easy Access Server documentation, or any product documentation. It also lists documentation that was not listed in “Accessing Online Documentation” in *Solaris Easy Access Server 2.0 Installation Library*.

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## Documentation Errata

### SMC Online Documentation 4168337

**Book Affected:** Solaris Management Console online documentation

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

**Book Affected:** Solaris Management Console online documentation

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:** *Solstice Internet Mail 2.0 Installation and Configuration Guide*

On page 17, in printed versions of the , the internet service name on `/etc/service` and `/etc/inetd.conf` should be `pop3` instead of `pop-3`.

**Book Affected:***Solstice DiskSuite 4.2 Installation and Product Notes*

Table 1-3 on page 29 of the install notes indicates that mirroring two EIDE drives is supported if they are on different channels. This is not the case. The correct table is shown below:

**TABLE 5-1** Supported EIDE Drive Configurations

Category	Primary Master	Secondary Slave	SCSI Master	Slave	
1	D1	None	None	None	D1 mirrored to SCSI
2	D1	CDROM	None	None	D1 mirrored to SCSI
3	D1	CDROM	D2	None	D1 mirrored to SCSI
4	D1	CDROM	D2	None	D2 mirrored to SCSI
5	D1	None	D2	None	D1 mirrored to SCSI
6	D1	None	D2	None	D2 mirrored to SCSI
7	D1	None	D2	None	D1 mirrored to SCSI
8	D1	None	D2	CDROM	D1 & D2 mirrored to SCSI
9	D1	D2	None	None	D1 & D2 mirrored to SCSI
10	D1	D2	CDROM	None	D1 & D2 mirrored to SCSI
11	D1	D2	D3	CDROM	D1 & D2 mirrored to SCSI
12	D1	D2	D2	D3	D2 & D3 mirrored to SCSI

**Book Affected:***Solaris Easy Access Server Library*

Table B-2 states that Java IDL does not run under Solaris 7; the table should be as follows:

TABLE 5-2 Product Platform, Compatibility, and Shared Components

Product	Runs under Solaris 2.6	Runs under Solaris 7, 32-bit mode	Runs under Solaris 7, 64-bit mode	Requires a Web Server	Requires Java Developer Kit 1.1.6	Requires Hot Java	Other
Java IDL 1.1	Yes	Yes	Yes	No	Yes	No	A Java-enabled browser is required to run Java IDL applets.

**Book Affected:** *Solaris Easy Access Server Installation Library*

On page 6 of the printed version, table 1-3, in the “Software” column it incorrectly says “(usually /usr/nsr).” It should say “usually /nsr.”

## Additional Documentation Available for Solaris Easy Access Server

There are some additional documents for Solaris Easy Access Server products that were not listed in the *Solaris Easy Access Server Installation Library*. The following table lists that documentation.

TABLE 5-3 Additional Solaris Easy Access Server Documents

AnswerBook Title	Format	How to Access This Document
<i>Solaris Easy Access Server 2.0 Documentation CD Important Information</i>	HTML	Access README_en.html with Web browser
<i>Solaris Easy Access Server 2.0 Installation Library</i>	PostScript	Print or view Install_Library_en.ps

**TABLE 5-3** Additional Solaris Easy Access Server Documents *(continued)*

<b>AnswerBook Title</b>	<b>Format</b>	<b>How to Access This Document</b>
	HTML	Access through link in README_en.html or go to Solaris_Easy_Access_Server_Docs/common/HTML_en/Install/BOOK.htm with Web browser
<i>Java IDL 1.1 README</i>	HTML	Access Solaris_Easy_Access_Server_Docs/common/HTML_en/JavaIDLruntime1.1_install.html
<i>Java IDL 1.1 Manual Instalation Guide</i> <sup>1</sup>	HTML	Access Solaris_Easy_Access_Server_Docs/common/HTML_en/JavaIDLruntime1.1_install.html with Web browser

1. Do not use this document for installing the product from the Solaris Easy Access Server 2.0 CD, but read it for system requirements and name server startup notes.

## Required and Recommended Patches

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This section lists required and recommended patches for the following products:

- Solstice AdminSuite 2.3
- TotalNET Advanced Server 5.2
- Sun WebServer 2.0

Most of the patches have been integrated into the Web Start installation; they are installed automatically when you perform a Web Start installation. Since a few of these cannot be installed by Web Start, you must install these non-integrated patches outside of Web Start. The non-integrated patches are available either on the Solaris Easy Access Server CD or at <http://access1.sun.com>.

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**Note** - If you install products using a pkgadd installation, you will have to install the patches for all products you are installing.

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Here is an example patch description that lists all parts of a patch:

```
105182-03 : SunOS 5.6: Kernel update patch:
4029286 4029333 4034438 4034451
```

where

- 105182--03 is the patch ID number
- SunOS 5.6: Kernel update patch is the synopsis patch description
- 4029286 4029333 4034438 4034451 are the bug ID numbers fixed by this patch

---

## Solstice AdminSuite 2.3 Patches

The following non-integrated patches are required for AdminSuite. Web Start installation does not handle these patches, so you must install these patches manually.

Solstice AdminSuite requires a software patch in order to be year 2000 compliant (Y2000). The following patches correct the Y2000 problem by setting the password expiration in the User Account Manager, a user interface tool in Solstice AdminSuite.

104468-10: Solstice AdminSuite 2.3/AutoClient 2.1 Jumbo patch, y2000, NIS+, Solaris 2.6 (SPARC):  
4018136 4013291 4023050 4034061 4028962 4029286 4029333 4034438 4034451 1152466 1256770 4051713  
4052554 4055673 4055674 4059590 4114978

For instructions on installing the SPARC patch, see the files `README.104468-10` and `Install.info` in the `10446810` directory.

104469-10: Solstice AdminSuite 2.3/AutoClient 2.1 Jumbo patch, y2000, NIS+, Solaris 2.6 (x86):  
4018136 4013291 4023050 4034061 4028962 4029286 4029333 4034438 4034451 1152466 1256770 4051713  
4052554 4055673 4055674 4059590 4114978

For instructions on installing the Intel patch, see the files `README.104469-10` and `Install.info` in the `10446910` directory.

These patches are on the Solaris Easy Access Server CD at `AdminSuite_2.3+AutoClient_2.1/Patches/sparc/104468-10` and at `AdminSuite_2.3+AutoClient_2.1/Patches/i386/104469-10`.

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## TotalNET Advanced Server 5.2 Integrated Patches

The following integrated patches are required for TotalNET Advanced Server. If you install TotalNET using Web Start, you don't need to do anything else. If you install using `pkgadd`, you must also install these patches.



105587-10: Solaris SPARC: TotalNET Advanced Server version 5.2 Patch 10

CSR# 72817, 73685, 73388, 74066, 74223, 74455, 74469, 74594  
CSR# 72745, 72817, 73352, 73518, 73562, 73638, 73876  
CSR# 74682, 74173, 72919, 73144, 74558, 75501  
CSR# 47682, 73603, 74039, 74159, 74866, 75457, 76068, 76575  
CSR# 75312, 75615, 75872, 75615, 75579, 75872, 75378, 75455  
CSR# 75213, 74688, 74914, 75634, 76205, 76244, 76597, 76735  
Bug# 1729, 1764, 1632, 1874, 8121, 2337

For instructions on installing the SPARC platform patch, see the file  
README.105587--10

105588-10: Solaris i386: TotalNET Advanced Server version 5.2 Patch 10 :

CSR# 72817, 73685, 73388, 74066, 74223, 74455, 74469, 74594  
CSR# 72745, 72817, 73352, 73518, 73562, 73638, 73876  
CSR# 74682, 74173, 72919, 73144, 74558, 75501  
CSR# 47682, 73603, 74039, 74159, 74866, 75457, 76068, 76575  
CSR# 75312, 75615, 75872, 75615, 75579, 75872, 75378, 75455  
CSR# 75213, 74688, 74914, 75634, 76205, 76244, 76597, 76735  
Bug# 1729, 1764, 1632, 1874, 8121, 2337

For instructions on installing the Intel platform patch, see the file  
README.105588--10

106611-10: Solaris 2.7 : TotalNET Advanced Server version 5.2 Patch 106611-10

CSR# 76244, 76597, 76735, 760068, 76575, 76205, 2181, 74089  
CSR# 74914, 75378, 75455, 75981, 75634, 75981, 75615, 75579  
CSR# 75872, 75378, 75455, 74638, 74914, 75213, 75634, 75614  
CSR# 75457, 75501, 74682, 74159, 1874, 74039, 73603, 74866  
CSR# 74682, 74173, 74558, 72919, 73144, 73388, 72817, 1729  
CSR# 74066, 74469, 74594, 74455, 73685, 74223, 74066, 1764  
CSR# 73685, 74223, 72817, 73518, 73352, 73562, 72037, 73571  
CSR# 73638, 72745, 73876, 1632, 73777

For instructions on installing the SPARC Platform patch, see the file  
README.106611--10

106612-10: Solaris i386 : TotalNET Advanced Server version 5.2 Patch 10 :

CSR# 76244 76597 76735 760068 76575 2337 76205 2181 74089  
CSR# 74914 75378 75455 75981 75634 75981 75615 75579 75872  
CSR# 75378 75455 74638 74914 75213 75634 75614 75457 75501  
CSR# 74682 74159 1874 74039 73603 74866 74682 74173 74558  
CSR# 72919 73144 73388 72817 1729 74066 74469 74594 74455  
CSR# 73685 74223 74066 1764 73685 74223 72817 73518 73352  
CSR# 73562 72037 73571 73638 72745 73876 1632 73777

For instructions on installing the Intel platform patch, see the file  
README.106612--10

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## Sun WebServer 2.0 Required and Recommended Patches

The following four integrated patches contain the SGML-aware `man` and `catman` commands and contain the man page documentation for the SGML-aware `man` and `catman` commands for Sun WebServer. If you install Sun WebServer using Web Start, you don't need to do anything else. If you install using `pkgadd`, you must also install these patches.

106123-01: SunOS 5.6: sgml patch (SPARC) :  
409955, 4111847

106124-01: SunOS 5.6: sgml patch (x86) :  
4109955, 4111847

106123-02: SunOS 5.6: sgml patch (SPARC):  
4109955, 4111847

105390-02: SunOS 5.6: manual pages patch (x86) :  
409955, 4111847

The following patches are not integrated into the Web Start installation and are found at the web site: <http://access1.sun.com>. These patches are recommended for running with the Solaris operating environment. They can be installed after installing the Solaris operating environment or after installing Solaris Easy Access Server.

105181-06: SunOS 5.6: kernel update patch (SPARC) :  
1237009 1266113 4009567 4044980 4062572 4067641 4070714 4070968 4073684 4076062  
4076118 4077343 4079028 4080160 4080714 4089451 4089777 4089974 4090929 4093052  
4093708 4095093 4095650 4097064 4097082 4097233 4098576 4098645 4099466 4099656  
4099664 4101647 4102334 4106093 4109198 4110996 4114176 4115526 4115793 4116141  
4116349 4116351 4116396 4117010 4117862 4117875 4117898 4117925 4119193 4119285  
4119751 4128193 4129902 4134357 4136544 4137584

105182-06: SunOS 5.6: kernel update patch (x86) :  
1237009 4062572 4064495 4067641 4070968 4073684 4076062 4077343 4086905 4089451  
4090862 4090929 4093346 4095411 4097082 4099656 4101647 4106093 4114176 4115793  
4117898 4119193

105284-08: Motif 1.2.7 Runtime library patch (SPARC) :  
4049745 4061062 4097852 1239345 4079921 4120546 4117305 4115705 4093223 4113997

105285-08: Motif 1.2.7 Runtime library patch (x86)  
4049745 4061062 4097852 1239345 4079921 4120546 4117305 4115705 4093223 4113997

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## Sun Directory Services Patches

The following integrated patches are required for Sun Directory Services. If you install Sun Directory Services using Web Start, you don't need to do anything else. If you install using `pkgadd`, you must also install these patches.

106718-01: /etc modes causes security/sendmail problems (SICGkeymg) :  
4169996

106719-01: /etc modes causes security/sendmail problems (SICGkeymg) :  
4169996

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## SunScreen SKIP 1.1.1 Patches

The following integrated patches are required for SunScreen SKIP 1.1.1. If you install SunScreen SKIP using Web Start, you don't need to do anything else. If you install using `pkgadd`, you must also install these patches.

106718-01: SunScreen SKIP for Solaris 1.1.1: patch for /etc mode in packaging (SPARC)  
4169996

106719-01: SunScreen SKIP for Solaris 1.1.1: patch for /etc mode in packaging (i386)  
4169996

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## Solstice PPP 3.0.1 Patches

The following integrated patches are required for Solstice PPP 3.0.1. If you install Solstice PPP using Web Start, you don't need to do anything else. If you install using `pkgadd`, you must also install these patches.

103563-10: SunLink PPP 3.0.1: license lock removal, en\_US messages, /etc permissions (SPARC)  
4173263 4160742 4152193

For instructions on installing the SPARC platform patch, see the file  
README.103563--10.

103722-07: SunLink PPP 3.0.1: license lock removal, en\_US messages, /etc permissions (x86)  
4173263 4160742 4152193

For instructions on installing the Intel platform patch, see the file  
README.103563--10.