



Solaris Express Developer Edition Web Stack Release Notes



Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

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Web Stack Release Notes

This release notes describes configuration and runtime issues and bugs that are known to be problems in the current release. Issues listed in this release notes apply to components Apache HTTP, PHP, Ruby on Rails, Squid, , MySQL and PostgreSQL. Issues include information that you should know about, including prerequisites, tips, and troubleshooting hints.

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What's New in This Release

For information on what's new in this release, see Chapter 1, “What’s New in Solaris Express,” in *Solaris Express Developer Edition What’s New*

Systems Requirements for Web Stack

For information on system requirements, see “System Requirements” in *Solaris Express Developer Edition Installation Guide: Laptop Installations*

Getting Started with Web Stack

For information on how to get started with web stack, see Chapter 2, “Getting Started,” in *Web Stack Getting Started Guide*.

Known Issues in Web Stack

This section lists the important known issues and limitations at the time of SXDE 01/08 release.

TABLE 1-1 Known Issues in SXDE 01/08 release

Problem ID	Description
6633337	Starting apache22 (Apache 2.2 SMF service) with <code>server_type=worker</code> and <code>enable_bit=true</code> launches 64 bit prefork. Workaround Add the following line to the <code>/usr/apache2/2.2/bin/isainfo/envvars</code> file. <pre>if [-f /etc/apache2/2.2/envvars]; then . /etc/apache2/2.2/envvars fi</pre> where the value of <code>isainfo</code> parameter can <code>amd64</code> or <code>sparc</code>
6633515	Apache SSL default configuration file is not compatible with Nevada.
6635266	Unable to start Apache 64 bit mode on 32 bit architecture.
6640674	When you initialize the Web Stack Admin as a root user, the Web application development options window displays the Start Servers button, which should be the Stop Servers button.
6644748	Upgrade Apache HTTP Server 1.3.0 to Apache HTTP Server 1.3.41 as there are cross-site scripting (XSS) vulnerability in the <code>mod_imap</code> module.
6644643	The <code>rbconfig.rb</code> file contains invalid paths and requires a C compilation.
6641285	Compilation/configuration of the new apache module with <code>apxs</code> fails.
6647846	Upgrading to Apache 2.0 to 2.2 fails.
6653084	Apache service fails to start. Workaround: Rename <code>ssl.conf</code> to <code>ssl.conf.example</code> . This file is present in the following location: <code>/etc/apache2/2.2/conf.d/</code> .
6653066	Upgrade Apache 2.2.x to 2.2.8 in order to fix security vulnerabilities.

TABLE 1-1 Known Issues in SXDE 01/08 release (Continued)

Problem ID	Description
6652556	Upgrading of Apache 2.0 to 2.2 fails.
6643825	The <code>Order</code> command with <code>storage_engine=archive</code> fails.
6641045	The post-installation script does not jump start.
6619671	Apache 1.3 Webapp module is unable to communicate with Tomcat 5.5 in Nevada.
6634394	SMF service for MySQL and Apache do not have a description in the user interface.
6632021	Ruby installs soft links to its versioning directories.
6644401	Ruby displays GPLv2 text in <code>upgrade_log</code> .
6635513	Gem installs content into <code>/usr</code> directory, which is a read only directory.
6631493	Default <code>index.html</code> does not have sufficient information/content.
6635728	<p>Package dependencies are missing in Ruby.</p> <p>Workaround:</p> <p>Add the following packages to Ruby:</p> <ul style="list-style-type: none"> ■ <code>SUNWlibms</code> ■ <code>SUNWopenssl-libraries</code> ■ <code>SUNWtk</code> ■ <code>SUNWTcl</code> ■ <code>SUNWxwrtl</code> ■ <code>SUNWxwplt</code> ■ <code>SUNWzlib</code> <p>Change the Ruby directory structure from <code>/usr/local/bin/ruby</code> to <code>/usr/bin/ruby</code></p>
6625381	<code>RPATH</code> and <code>RUNPATH</code> fail in PHP .
6634121	Apache parent process creates the semaphore and the child process inherits the semaphore ids. The semaphore gets destroyed when the child process exits.
6641450	PHP and CGI tests fail while using the delivered <code>php.ini</code> .
6640031	<code>SUNWphp524-mysql</code> / <code>SUNWphp524-pgsql</code> has packaging issues.
6631371	PHP should restrict the environment variables from being set programmatically.
6631906	Remove all the references of MySQL 4.0 from the source.
6640026	<code>SUNWmysql5/SUNWmysql5u</code> has packaging issues.
6642639	MySQL attempts to write into <code>/usr</code> , which is a read only directory.
6641437	<code>RUNPATH</code> and <code>RPATH</code> errors are encountered in the <code>SUNWmysql5u</code> package.

TABLE 1-1 Known Issues in SXDE 01/08 release (Continued)

Problem ID	Description
6640449	Add MySQL manage property to MySQL SMF. This allows the non-root users to manage MySQL SMF.
6634349	My SQL SMF should test for the existence of MySQL/MySQL user and group.
6650926	The ri (Ruby interactive) command, which lists documentation for all Ruby classes that do not work with Ruby in Nevada.
6318872	Dependency problems exist in SUNWapchd/SUNWapchr/SUNWapchu in Nevada and Solaris 10 update 1 release.
6635487	The Ruby man pages are not linked from the /usr/share/man directory.
6641333	The Getting Started Guide is only visible after Web Stack admin initialization.
6650075	MySQLtest fails due to bad reference file.
6638950	MySQL user exists at Web Stack Admin initialization and generates error in logs.
6656425	The Web Stack Getting Started guide needs update. Workaround For updated information, see http://docsview.sfbay/coll/1792.1
6657714	MySQL module integrated with PHP is incorrectly linked to 4.0 version of MySQL client. Workaround create the following symbolic link <pre>ln -sf /usr/mysql/5.0/lib/mysql/libmysqlclient.so.15.0.0 /usr/mysql/5.0/lib/mysql/lib</pre>
No ID	The default Web Stack Admin initialization script configures MySQL database with super user privileges and with no password assigned. Workaround The most important steps in securing MySQL is to change the database administrator's password, which is empty by default. Ensure that MySQL is running and execute the following command: <pre>chrootuid /chroot/mysql mysql /usr/local/mysql/libexec/mysql &</pre> Run the following command to change password: <pre>/usr/local/mysql/bin/mysql -u root mysql> SET PASSWORD FOR root@localhost=PASSWORD('new_password');</pre>

How to Report Problems and Provide Feedback

If you have problems with Solaris Express Developer Edition, contact Sun customer support using one of the following mechanism:

- Sun Software Support services online at:
<http://www.sun.com/service/serviceplans/software/>
- The telephone dispatch number associated with your maintenance contract

So that we can best assist you in resolving problems, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. Send your comments to Sun using the "Send comments" link at:

<http://docs.sun.com/>

Please include identifying information with your comments, such as the part number and the title of the book.

Additional Sun Resources

Useful Sun Java Systems information can be found at the following locations:

- Sun Software Products and Service
<http://www.sun.com/software>
- Sun Developer Information
<http://developers.sun.com/>
- Sun Developer Support Services
<http://developers.sun.com/prodtech/support/>
- Software Support Services
<http://www.sun.com/service/support/software/>

- Sun Support and Training Services
Support: <http://www.sun.com/support>
Training: <http://www.sun.com/training/>
- Sun Consulting and Professional Services
<http://www.sun.com/service/sunjavasystem/sjsservicessuite.html>

Searching Sun Product Documentation

Besides searching Sun product documentation from the docs.sun.com web site, you can use a search engine of your choice by typing the following syntax in the search field:

`<search-term> site:docs.sun.com`

For example, to search for "Solaris Express", type the following:

`Solaris Express site:docs.sun.com`

To include other Sun web sites in your search (for example, java.sun.com, www.sun.com, developers.sun.com), use sun.com in place of docs.sun.com in the search field.