

SRC Software Application Library Release Notes

Release 4.0.0
16 June 2010
Revision 1

These release notes cover Release 4.0.0 of the SRC Application Library. If the information in these release notes differs from the information found in the published documentation set, follow these *Release Notes*.

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Release Overview

These *Release Notes* include information about Release 4.0.0.

Before You Start

Before you use your new software, read these *Release Notes* in their entirety. You need the following documentation to fully understand all the features available in Release 4.0.0 of the Application Library:

- These *SRC 4.0.0 Application Library Release Notes*, which describe features available in Release 4.0.0 of the SRC Application Library.
- The *SRC 4.0.x Application Library Guide* and the *SRC 4.0.x Sample Applications Guide*, which provide detailed information about features available in SRC Application Library Release 4.0.x.

If the information in your current release notes differs from the information found in the other documentation sources, follow the *Release Notes*.

Documentation

The *SRC 4.0.x Application Library Guide* is available only in electronic format.

The SRC PE Release 4.0.x documentation set is now available only online. Refer to the *SRC PE 4.0.0 Release Notes* for more information.

You can view the entire documentation set, including the release notes, on the Juniper Networks Web site at:

<http://www.juniper.net/techpubs/software/management/src/>

You can also download a full copy of the documentation in an archive file from the Web site.

Known Behavior

VTA

- If you are upgrading from a previous release of SRC software and using the SRC VTA, you need to remove the existing JBoss client libraries.

Starting with SRC Release 3.2.0, the JBoss client libraries are packaged with the SAE and reside in the `/opt/UMC/sae/lib/plugins/ejb` directory. If you are upgrading from a previous release of SRC software and using the SRC VTA, you need to:

1. Remove the existing JBoss client libraries from the `/opt/UMC/sae/lib` directory.
2. Set the `classpath` option in the **shared sae configuration group name plug-ins name ejb-adaptor** statement to the value:


```
file:///opt/UMC/sae/lib/plugins/ejb/pluginejbadaptor.jar,file:///opt/UMC/sae/lib/
/plugins/ejb/jbossall-client.jar,file:///opt/UMC/sae/lib/plugins/ejb/jboss-common
-client.jar,file:///opt/UMC/sae/lib/plugins/ejb/jboss-j2ee.jar,file:///opt/UMC/sae
/lib/plugins/ejb/jnp-client.jar,file:///opt/UMC/sae/lib/plugins/ejb/jboss-client
.jar,file:///opt/UMC/sae/lib/plugins/ejb/jbossha-client.jar,file:///opt/UMC/sae
/lib/plugins/ejb/jbosssx-client.jar,file:///opt/UMC/sae/lib/plugins/ejb/log4j.jar
```
3. Repeat this process on every SAE.

Reference: TIC 15839

Known Problems and Limitations

This section identifies known problems and limitations in this release.

Deep Packet Inspection

- If the following exception is written into an error log, you can safely ignore it.


```
14:33:57.178 EST 13.01.2006 [SLEAccReader-default@ogre]
[DPISLEAcctMgr-default@ogre] [50] Failed to read accounting data
10.227.7.131/UF-10.227.7.131-011206@1615-15M.ufb/default@ogre from
SLE; stack trace: com.ellacoya.dataobject.ObjectDoesNotExistException: ffffffff
```

Cautions

The following caution applies to Release 4.0.0 for applications that must run in an environment that does not use the Java Runtime Environment (JRE) package provided on the SRC software distribution (UMCjre):

- If you have your own Web application that requires a different JRE version, contact Juniper Networks Professional Services.

Restrictions and Limitations

The following restrictions and limitations apply to the Juniper Networks SRC Application Library Release 4.0.0.

- We have tested the following application servers with the SRC Web applications:
 - JBoss 3.2.6 (<http://www.jboss.org>)
- The Web Services Gateway (formerly known as the SRC SOAP Gateway) allows gateway clients to interact with SRC components through a SOAP version 1.2 interface.
- For IDP integration, we tested the SRC software with Release 3.0 of the IDP software.
- The Threat Mitigation Application has been tested with the following databases:
 - MySQL version 5.0 (<http://www.mysql.com>)
 - Oracle Database 10g Express Edition (<http://www.oracle.com>)
 - PostgreSQL 8.1.2 (<http://www.postgresql.org>)
- For DPI integration, we tested the SRC software with the Ellacoya SLE version 6.2.0-2, and the SRC software is compatible with the 6.2.0 release. The SRC software includes the SLE 6.2.0-2 client library. We recommend that you upgrade to the client library that comes with your SLE software.
- The Volume Tracking Applications (VTAs) have been tested with the following databases:
 - MySQL version 4.0.13 (<http://www.mysql.com>)
 - Oracle Database version 9i (<http://www.oracle.com>)

Third-Party Software

SRC Application Library Release 4.0.0 includes the following third-party software components:

- Apache-Axis 1.4 (<http://ws.apache.org/axis>)
- JBoss J2EE Server 3.2.6 (<http://jboss.org>)
- Rhino Javascript Engine 1.5. (<http://www.mozilla.org/rhino/>)
- Sun Java class libraries: j2ee, jnet, ldapbp, and ldap (<http://www.sun.com>)

SRC Documentation and Release Notes

For a list of related SRC documentation, see
<http://www.juniper.net/techpubs/software/management/src/>.

If the information in the latest release notes differs from the information in the documentation, follow the *SRC PE Release Notes*.

To obtain the most current version of all Juniper Networks® technical documentation, see the product documentation page on the Juniper Networks website at
<http://www.juniper.net/techpubs/>.

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can send your comments to techpubs-comments@juniper.net, or fill out the documentation feedback form at <https://www.juniper.net/cgi-bin/docbugreport/>. If you are using e-mail, be sure to include the following information with your comments:

- Document or topic name
- URL or page number
- Software release version (if applicable)

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <http://www.juniper.net/customers/support/downloads/710059.pdf>.
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <http://www.juniper.net/customers/support/>
- Search for known bugs: <http://www2.juniper.net/kb/>

- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://www.juniper.net/alerts/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://tools.juniper.net/SerialNumberEntitlementSearch/>

Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <http://www.juniper.net/cm/>.
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <http://www.juniper.net/support/requesting support.html>.

Revision History

16 June 2010—Revision 1, SRC Release 4.0.0

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