

Release Notes for ECXpert for Solaris 2.6 or 2.7

Version 3.5

Updated January 29 2001

These release notes contain important information available at the time of the version 3.5 release of ECXpert for Solaris 2.6 or 2.7. New features and enhancements, installation notes, known problems, and other late-breaking issues are addressed here. Read this document before you begin using ECXpert for Solaris 2.6 or 2.7.

An electronic version of these release notes can be found at the iPlanet documentation web site: <http://docs.iplanet.com/docs/manuals/>. Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and manuals.

These release notes contain the following sections:

- What's New in ECXpert for Solaris 2.6 or 2.7, Version 3.5
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**Installing the ECXpert 3.5 Build includes a step for existing users to update their ECX database stored procedure for the new billing code feature. Also included are references to enabling AIAG Server support and expanding field lengths in the Partnership UI.*

What's New in ECXpert for Solaris 2.6 or 2.7, Version 3.5

With this release, the features described in have been been incorporated in to the code base.

Table 1 New Features In ECXpert 3.5

Feature	Enhances	Description
XML Parser	Trading partnership document exchange	The new ECXpert XML Parser provides extensibility and flexibility for businesses that exchange xml document types with a trading partner.
AIAG E-5 2000	AIAG Communications Agent	The update of the AIAG module provides data communications and document exchange with the latest implementation for AIAG, which includes the ability to specify URLs directly during communications.
Billing Code	Trading Partnership Billing data capture utility script	The optional use of a Billing code helps to determine how many sender, receiver, and document type transactions have occurred in a specified time period for billing accounting purposes. The Billing Data Capture Utility script provides users of BillerXpert with the means to better track billing information to accurately bill their customers.
Mercator 5.0 Support	Mercator Mapping Translation Engine	The Mercator Mapping Translation Engine has been updated to reflect the latest code release from Mercator which handles xml data mapping.
HTTP SSL for XML	Outgoing Protocols used by Trading Partners	The HTTP SSL for XML protocol can be used as the primary communications agent when exchanging xml documents.

Error Detection Services	Service List Processing and Monitoring	The new Error Detection Services can be used to provide a more meaningful feedback mechanism as documents are submitted and processed through ECXpert. You can control the severity level of errors that you wish to receive notification upon when a job fails. You can also customize the communication mechanism that ECXpert will handoff the error data with the Exit Service list call (e.g., email, message post to web page, and so forth).
iPlanet Web Server 4.1 support	Front end to ECXpert UIs	The former version of the Netscape Enterprise Server, 3.6, has been end of lifed. ECXpert 3.5 is certified with version 4.1 of the iPlanet Web Server, the new product name for this software.
Java API Layer Support	Development of Java applications to enhance preentation to users	The Java API is a JNI (Java Native Interface) wrapper which provides a developer the library to design and implement a java application to present the existing interface that ECXpert uses in a customized manner.
Priority Processing	Service List Processing	Priority Processing provides an effective and efficient solution in large business document volume exchange environments whereby high priority documents can be processed ahead of non-mission critical documents that will also be processed but at a lower rate without jamming the ECXpert input queue.

Hardware and Software Requirements

Refer to the Preinstallation Tasks section of the 'Getting Started with iPlanet ECXpert for Solaris 2.6 or 2.7' for hardware and software requirements.

Installation Notes

Hardware and software requirements and the installation guidelines and instructions for Oracle 8.1.6 (the only Oracle version certified with ECXpert 3.5) and ECXpert 3.5 are provided in the Getting Started with iPlanet ECXpert, version 3.5 for Solaris 2.6 and 2.7 guide. Please refer to the requirements and guidelines so that the installation phase for this release can proceed smoothly.

Downloading ECXpert Version 3.5

If you are a registered subscriber to SubscribNet, you can download and install the ECXpert 3.5 build with the Partner Agent (PA) server module, using the following steps:

- 1. Log on to the ECXpert machine as the administrative user, usually actraadm.**
The default password is “actraadm.”
- 2. Download the ECXpert 3.5 installation file.**
 - Display the ProductTracker by SubscribNet web page.
The URL is
`http://subscribnet.netscape.com/`
The main Subscribnet page is displayed.
 - Click the link for “Subscribnet Users.”
 - Log in using your Subscribnet user ID and password.
An index of the iPlanet software registered for your user ID is displayed.
 - Click the “iPlanet ECXpert” link.
A page is displayed that asks you to select the version and platform.
 - Enter 3.5 for the version and Solaris for the platform.
 - Click the link: “iPlanet ECXpert V3.5 for Solaris 2.6/2.7- US/CAN.” The available file names that can be downloaded will be displayed.

NOTE If your firewall does not allow browser-based ftp, use the Advanced Options link to download via http.

- m Click the Download button to the left of the file name “iPlanet ECXpert 3.5 for Solaris - Domestic” to display the open/save prompt for this file and save the file: `iplanet_ecxpert_3_5_for_solaris_domestic.zip` to your target directory.
- m Obtain and enter your assigned decryption key to unzip the file.
- m Select a temporary directory as the target directory for the unzipped files.
- m Execute the unzip process to place the files in the temporary directory. When unzipped, the file names and specifications will be displayed as shown in Figure 1.

Figure 1 Unzipped File List on Temporary Directory

```
List Of Files:
-rw-r--r-- 1 mohanty staff 23848960 Dec 4 15:05 mercator.tar

d) Ecx-bit:

-rw-r--r-- 1 mohanty staff 21724567 Dec 6 10:07 ECXpert.ns-home.tar.Z
-rw-r--r-- 1 mohanty staff 123855289 Dec 6 10:08 iPlanet-ECXpert-3.5-domestic.tar.Z
-rw-r--r-- 1 mohanty staff 5622675 Dec 6 10:08 paserver.tar.Z
-rw-r--r-- 1 mohanty staff 627775 Dec 22 13:18 install.tar.Z
install.tar.Z:
actra-install (153828)
libactracore10.so (625868)
libtls4d.so (707988)
license.txt (7043)
pascfg_exe (378)
setup_exe (279)
```

Installing the ECXpert 3.5 Build

ECXpert 3.5 includes a complete build of the ECXpert code base. This build is also compatible with a previously installed export version of ECXpert 3.0. Therefore, you can install this build over an existing export 3.0 version. Perform the steps below to install the build. Coordinate this installation with the section ‘Migrating from ECXpert 3.0 to Current ECXpert’ on page 98 of the Getting Started for iPlanet ECXpert 3.5 for Solaris 2.6 and 2.7 guide.

NOTE Before running `setup_exe`, shut down all `ecx` processes and back up your `ecx.ini` file as it will be overwritten by the included `ecx.ini` file in the build

Also, with the release of ECXpert 3.5, support for ECXpert 2.0 and older versions has been discontinued.

1. Uncompress and untar the file `install.tar.Z` using the following command

```
untar : tar xvf install.tar
```

The additional 6 files indicated in Figure 1 will be displayed.

2. Run the file `setup_exe` and select the desired directory for installation when prompted (i.e., other than `$NSBASE`, see note below). You can assign the same path for Base-Dir as used for ECX30 install or ECX30 SP1 or SP2); the current installation will overwrite the existing installation.

NOTE 1. For the installation, it is mandatory that you delete the `NS-apps/navigator` directory to overwrite files that are read only. 2. It is recommended, though not required to use a different folder than the existing `$NSBASE`, or, delete the whole `NS-apps` directory before re-using it. 3. If ECXpert is running, export your existing database to preserve data before running the installation routine. Following installation, import the data to the ECX-database. Alternatively, you can select NO to the 'Delete and Create New Table' prompt during installation.

3. The installation will proceed similarly to that performed using the instructions from the Installation section of the Getting Started with iPlanet ECXpert 3.5 - Solaris guide.
4. Following ECXpert 3.5 installation, if you wish to configure and run the Partner Agent Server (Paserver), execute the script, named `pascfg_exe`.

To run the script, you should have `env` variable `NSBASE` set to the base directory folder used during installation (e.g, `NS-apps`).

5. After completing the build installation, overwrite the installed `ecx.ini` file with your backed up version to restore your `ecx.ini` settings.

6. The billing code feature with this release requires existing customers of ECXpert to update the database stored procedure. To do this, run the `ora_pkgbody.sql` script as described below.

```
cd $ECX3.5_HOME/dbadmin/oracle
```

Start sqlplus as follows:

```
sqlplus myaccount/mypassword@myserver
```

Substitute the values for `myaccount/mypassword@myserver` to your configured account.

From the sqlplus prompt, run the script as shown.

```
sqlplus>@ora_pkgbody.sql
```

7. Restart ecx processes as desired.

NOTE If you wish to enable support for the AIAG Server, you must run the script described in the section 'Enabling Support for AIAG E-5 2000' on page 93 of the Getting Started for iPlanet ECXpert for Solaris 2.6 or 2.7 guide.

If you wish to enable support for enlarged text entry fields (greater than 64 to a maximum of 128 characters) for sender ID and receiver ID in the Partnership portion of the Support User Interface, you must run the script described in the section 'Enabling Support for AIAG E-5 2000' on page 93 of the Getting Started for iPlanet ECXpert for Solaris 2.6 or 2.7 guide. Note that support for enlarged text entry fields will have been implemented if you selected Yes to Steps 5 and 6 (to drop the tables and create new tables for the ECXpert database) of the installation.

The rest of this document describes the known problems and limitations, changes to documentation, and how to obtain technical support.

Known Problems and Limitations

Bug Fixes

NOTE Bug IDs 397769 and 458489 have been removed from the earlier RN since these bugs have not been fixed.

Table 1 shows the bug fixes that are included with the release of ECXpert Version 3.5 .

Table 1 Bug Fixes in ECXpert Version 3.5

iPlanet Bug Tracking #	Description
359151	Reprocessing a Tracking ID caused the ID not to appear in the UI. However, the database retained information for the tracking ID. Bundle was enhanced to include a reprocessMode to retain the tracking ID.
381866	Provides the ability to specify a particular type of root certificate when importing a new certificate in the Support User Interface Certificates tab
387359	Removed password and receiver fields from HTTP SSL Protocol tab in the Support User Interface for Partnerships. Authentication is accomplished by sender's certificate during the SSL handshake.
394538	The parameter DB_DO_MULTIPART was deactivated as the code for ecx.ini parameter was never implemented and the previous setting of 1 degraded performance.
487521	The Registered File log message disappears after an invalid submit either from the FTP server or the command line. The TCP/IP Connector has to be brought down and restarted to reinstate the Registered File message. The workaround is to set DB_TRIGGER_PROCEDURE = 0 for the TCP/IP server only. This is done by setting the parameter to 1 for all servers and then changing it to 0 for the TCP/IP server only.
488061	Inability to properly display User Defined comm agents and/or parameters when a zero or alphabet character used as the last character to identify the comm agent (i.e, 10, 1A, 20, 5C and so forth). The file bdg.jar was updated to fix this problem. The file is implemented in NS-apps/ECXpert/UI/html/bdg.jar

Table 1 Bug Fixes in ECXpert Version 3.5

iPlanet Bug Tracking #	Description
497242	Incoming emails by way of SMTPReceive were not properly processed as ECXpert was adding a "/" character to the Message-ID field when writing the email to a temporary storage location. Fix included a file that updated SMTPSend, SMTPReceive, and bdg.jar to replace slash character with an acceptable dash "-" character.
512855	Incoming emails to be processed by SMTPReceive have had no CR/LF character at the end of the email causing SMTPReceive to keep looping. A patch was provided to fix this problem.
516647	From a telnet connection to the ECXpert port for the ecxftp-server, entering a carriage return on an empty line in the terminal window causes the server to shut down, opening a security risk to a hacker. Command string condition was updated to keep the server from crashing.
517632	There is a perceived need to use the Mercator audit feature, AED during map execution to receive more feedback. ECXpert 3.5 provides an auditSwitch parameter in the [translate] section of the ecx.ini file that satisfies this requirement.
517823	The ECXpert Partnership Search screen did not display GS Codes entered in the partnership.
521354	During bundling of Application to EDI data, ECXpert was adding 1 to the segment for the segment count in the UNT whether the UNA is generated nor if the UNG is selected. Fixed code file related to bundling to expand segment reads to accept read of the first segment and of any allowable 3 characters.
521363	Fixes Support User Interface anomalies related to display of data for the Generate UNA option for Output EDI and EDIFACT as the selected standard, and, cursor sensitivity when using the same screen for different fields.
Documentation	Bugs
385214	Enhancement to the Administrator's Handbook Processing section of Mapping from Application to EDI Formats on the description and use of Helper Cards.

Table 1 Bug Fixes in ECXpert Version 3.5

iPlanet Bug Tracking #	Description
386052	When defining a comm agent in ecx.ini as "user-defined 2" but a user-defined 1 comm agent does not exist, ECXpert will hang when you try to use "user-defined-2" in a partnership. The Administrator's Handbook was updated to clarify that when multiple comm agents are used, there must be a comm agent defined as user-defined 1 for the agent to display in the protocol list of the Outgoing tab in the Partnership of the Support User Interface.
426929	Steps 5 and 6 for the 3.0 Installation of ECXpert had ambiguous wording. These steps have been clarified in the current installation. See the Getting Started with iPlanet ECXpert for Solaris 2.6 or 2.7, Installation chapter.

Work Arounds

The following known problems include the indicated work around.

Bug ID 359573: AIAG Obtain Results in No Data Obtained

When retrieving a document from a remote system, the No Data Obtained message will be displayed although a document had been submitted, using the HTTP Receive protocol, to the remote system. This error occurs when the PNDocs table parameter PDSendType is set to 1. This parameter needs a setting of 2.

The workaround for this bug is as follows:

1. Set up the desired partnership.
2. Specify the outgoing protocol for the desired partnership as POLL.
3. Save the Partnership to write it to the ECXpert database.
4. Change the outgoing protocol for the desired partnership to HTTP Receive.
5. Save the Partnership to write the protocol change to the ECXpert database.
6. Submit the document to ECXpert.

Documentation Enhancements (Not incorporated in the Documents)

Bug ID 514092:

In order to import a CA generated certificate from VeriSign in to the Partner Agent Server, a symbolic link must be created in the `paserver/lib/certs/issuers` directory. To create this symbolic link, perform the following steps:

1. Obtain the base 64-encoded, CA certificate.
2. Copy it into `paserver/lib/certs/issuers` directory.
3. Run `paserver/bin/hash` utility. A symbolic link should now exist for the certificate in the `paserver/lib/certs/issuers` directory.
4. It should be now possible to import the client certificate into PA server.

Documentation Enhancements (incorporated)

The issue of Working with Certificates, described in Chapter 9 of Administrator's Handbook has been updated clarify the use and generation of certificates.

Documentation Related Limitations

For this release of ECXpert, the online help system has not been updated. Therefore, the html files accessed through the ECXpert application interfaces will show outdated information. The workaround for this is to rely upon the html files (when available) and pdf files on the product CD.

The ECXpert Administrator's Handbook pdf file (ECX35-Admin.pdf) may have text that does not accurately reflect what is in the referenced screen shot. There may also be other minor documentation inconsistencies, such as the word figure may appear as 'figur e' (this also is noted in the Getting Started guide). This important document will continue to be updated. Updates will be available for pdf download on the Subscribnet site (www.subscribnet.com) for registered subscribers.

Contacting Technical Support

Should you need to contact iPlanet Technical Support, you will need to know the correct version number of your current copy of iPlanet ECXpert. iPlanet ECXpert updates the version number in the **About** message box.

To find the correct iPlanet ECXpert version number after you install ECXpert Version 3.5:

1. Start your browser.
2. Enter the URL of the Netscape ECXpert **Main Menu** screen.
3. Click the **Support** page tab. A login screen appears.
4. You do not need to log in. Simply click the **About** button, and a message box appears, displaying the correct version number.

Example For example, the message box below shows version information for a domestic copy of the iPlanet ECXpert Version 3.5 installed.



For additional information, refer to the latest version of the *Netscape ECXpert Release Note* and answers to frequently asked questions (FAQs), available at:

<http://help.netscape.com/products/apps/ecxpert/>

To contact ECXpert Technical Support in the United States, call Expert Alliance at:

800-560-5749

To contact ECXpert Technical Support outside of the United States, call Technical Support International at:

650-937-6688

If you have problems with iPlanet Product_Name, contact iPlanet customer support using one of the following mechanisms:

- iPlanet online support web site at <http://www.iplanet.com/support/online/>
From this location, the CaseTracker and CaseView tools are available for logging problems.
- 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

You may also find it useful to subscribe to the following interest groups, where iPlanet Product_Name topics are discussed:

snews://

snews://

For More Information

Useful iPlanet information can be found at the following Internet locations:

- iPlanet release notes and other documentation --- <http://docs.iplanet.com/docs/manuals/>
- iPlanet product status --- http://www.iplanet.com/support/technical_resources/
- iPlanet Professional Services information --- http://www.iplanet.com/services/pro_serv/index.html
- iPlanet developer information --- <http://developer.iplanet.com/>
- iPlanet learning solutions --- <http://www.iplanet.com/learning/index.html>
- iPlanet product data sheets --- <http://www.iplanet.com/products/index.html>

For More Information

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