Release Notes for iPlanet ECXpert

Version 3.5, SP1

Updated May 2001

These release notes contain important information available at the time of the Version 3.5, SP1 release of iPlanet ECXpert. New features and enhancements, known problems, and other information are addressed here. Read this document before you begin using ECXpert 3.5 SP1.

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 after installing 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 Version 3.5, SP1"

- "Installation Notes"

- "Known Problems and Limitations"

- "How to Report Problems"

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What's New in ECXpert Version 3.5, SP1

iPlanet ECXpert, Version 3.5, SP1 is a Solaris-only service pack and contains:

- A new release of the Mercator mapping engine (Mercator 5.0 SP3) and its companion Mercator Design Studio SP3 authoring tool

- ECXpert support for all MapTrace switches within a map (from Mercator 5.0)

- Various bug fixes

Mercator 5.0 SP3

If you use ECXpert 3.5, you are probably using maps that were compiled with its companion Mercator authoring tool (Design Studio 5.0). ECXpert 3.5 SP1 now includes an updated Mercator translation server (Mercator 5.0 SP3) built inside ECXpert, as well as its companion Mercator authoring tool (Design Studio 5.0 SP3).

While many of your existing maps may run successfully in the upgraded version of ECXpert (ECXpert 3.5 SP1), it is recommended that you recompile your maps with the upgraded authoring tool, particularly if you are using XML data. The changes introduced in the Mercator Service Pack might not directly affect your specific maps, but it is always advisable to compile ('build') your maps with the version of the authoring tool that is version-compatible with ECXpert's embedded translation engine.

Map Trace Switches (Defect 535734)

Mercator 5.0 provided additional trace settings within a map (MapTrace: Switch, InputTrace, OutputTrace and SummaryTrace). The goal of ECXpert 3.5 was to provide much improved control over these trace switches. The traceSwitch attribute that is in the [translate] section of the `ecx.ini` file was meant to enable/disable the settings of the trace switches that were compiled within a map. Because of a deficiency within the Mercator API, turning on the traceSwitch within ECXpert 3.5 enabled only the SummaryTrace switch within the map (assuming it was set within the map at compile time). In ECXpert 3.5 SP1, turning on the traceSwitch within ECXpert now enables all of the MapTrace switches (Switch, InputTrace, OutputTrace and SummaryTrace) within the map. However, the setting of specific cards or a range of cards for the InputTrace and OutputTrace switches is not yet supported.

Installation Notes

This section explains how to download and install ECXpert 3.5 Service Pack 1. The service pack consists of the Solaris binary files for ECXpert and the NT-based Mercator Design Studio SP3 authoring tool.

Downloading ECXpert 3.5 SP 1

If you are a registered subscriber to SubcribNet, you can download and install the ECXpert 3.5 SP1 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 Service Pack 1 installation file.

   a. Display the ProductTracker by SubscribNet web page.

      The URL is

      http://subscribnet.netscape.com/

      The main Subscribnet page is displayed.

   b. Click the link for "Subscribnet Users."

   c. Log in using your Subscribnet user ID and password.

      An index of the iPlanet software registered for your user ID is displayed.

   d. Click the "iPlanet ECXpert" link.

      A page is displayed that asks you to select the version and platform.

   e. Enter 3.5 for the version and Solaris for the platform.

   f. Click the link matching or similar to the following: "iPlanet ECXpert V3.5 Service Pack 1 for Solaris 2.6/2.7 - US/CAN."

      The available files that can be downloaded are displayed.

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

g. Click the Download button to the left of the filename matching or similar to "iPlanet ECXpert 3.5 Service Pack 1 for Solaris - Domestic" to display the open/save prompt for this file. Save the following file to your target directory:

```
iplanet_ecxpert_3_5_service_pack_1_for_solaris_domestic.zip
```

h. Select a temporary directory as the target directory for the unzipped files.

i. Unzip the files and place the files in the temporary directory.

When unzipped, the filenames and specifications will be displayed as shown in Table 1.

Table 1   Unzipped Solaris File List on Temporary Directory

```
-rw-r--r--  1 mohanty  staff   106876079  May 9 14:16 ecx35SP1dom.tar.Z
-rw-r--r--  1 mohanty  staff   7043       May 9 14:13 license.txt
-rwxr-xr-x  1 mohanty  staff   10050      May 9 14:34 sp-install.pl
```

3. Download the Mercator Design Studio SP3 to your NT machine.

a. Click the Download button to the left of the filename matching or similar to "Mercator 5.0 Design Studio SP3" to display the open/save prompt for this file.

b. Save the following file to your target directory:

```
mercator_50_sp3_auth_tools.zip
```

c. Select a temporary directory as the target directory for the unzipped files.

d. Unzip the files and place the files in the temporary directory.

4. Install Mercator Design Studio on your NT machine.

Installing the Service Pack 1 Build

ECXpert 3.5 SP 1 is not a complete build; it only untars new files into the existing file structure. You should install this service pack over an existing export version of ECXpert 3.5.

NOTE	Before running the install script, shut down all ecx processes and back up your `ecx.ini` file, as it will be overwritten by the `ecx.ini` file in this service pack.

1. Run the file `install.pl` using the same account that owns all the files under `/.../NS-apps/ECXpert` (the default is `actraadm`).

2. Select the desired directory for installation when prompted (that is, other than `$NSBASE`; see the note below). Be sure to assign the same path for Base-Dir as was used for your ECXpert 3.5 installation; the current installation will override the existing installation.

NOTE	• This installation does not include any graphical user interface. • This installation does not alter anything in the database. It only changes the version number in the Versions table.

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

4. Restart ecx processes as desired.

Known Problems and Limitations

Table 2 lists the Solaris bugs fixed in ECXpert 3.5 SP1.

Table 2 Bug Descriptions

Bug Number	Description
535734	The Mercator `*.mtr` trace file is not generated if the traceSwitch settings are OFF. To capture the trace file, the traceSwitch attribute in the [translate] section of `ecx.ini` must be set to ON. The map source trace options for input and output must also be set to ON. For more details on trace switch support, see "Map Trace Switches (Defect 535734)" on page 2.
540810/ 540750	This service pack bundles Mercator 5.0 SP3, which generates improved input type trees from DTDs and resolves several other XML processing issues that occurred with Mercator 5.0.
481821/ 542556	Previously, if the Scheduler was running a script, it could not launch a second script. The Scheduler can now support multiple scripts running simultaneously. Use the worker_max_threads parameter in `ecx.ini` to specify the number of threads to allocate.
539692	Previously the Dispatcher crashed periodically if the debug flag was set to YES and the service list included a custom service. This problem has been fixed.
543203	Previously, scheduling legacy gateway protocols caused errors. This defect has been corrected with one known limitation: scheduled tasks that use HTTP SSL XML are not displayed properly for editing. This limitation will be corrected in a future release.

How to Report Problems

If you have problems with ECXpert, 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

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/professional_services_3_3.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`