

Release Notes for iPlanet™ Market Maker

Version 4.5

Updated April 29, 2002

These release notes contain important information available at the time of the version 4.5 release of the iPlanet Market Maker software. New features and enhancements, installation notes, known problems, and other late-breaking issues are addressed here. Read this document before you begin using the iPlanet Market Maker software.

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 iPlanet Market Maker, Version 4.5
- Documentation
- Software Applications
- Installation Notes
- Upgrade Notes
- Limitations and Known Problems
- How to Report Problems
- For More Information

What's New in iPlanet Market Maker, Version 4.5

The following developments have occurred in this release:

- Seller Catalogs Feature
- Fixed Bugs

Seller Catalogs Feature

Seller catalogs are similar to the buying club catalogs created by the marketmaker. Through a configuration option, sellers are now allowed to create views containing their own products. When the seller browses the master catalog selecting categories and items for the view, the master catalog is filtered showing only items available to that particular seller. During the last step of creating a view, the seller can assign buying companies to the view. In this way, sellers can offer their items, or a subset of their items, to a set of buyers without having to consult the marketmaker.

After a seller assigns a buying company to a view, the buying company administrator sees the view in his list of views. At this point, the buying company administrator can assign company roles to the view.

A buying company may be offered several catalogs from different sellers, but may choose to allow his company to buy only from certain catalogs.

Configuration

The ability for buyers and seller to create views is controlled by two separate configuration parameters in the `CatalogConfiguration.properties` file, as shown below:

```
#allow buyers to create views
24=true
#allow seller to create views
25=false
```

The values above will implement the standard iPlanet Market Maker configuration, where buyers can create views and sellers cannot.

Another common configuration is to allow sellers to create views, but not buyers. This prevents buyers from having access to the master catalog. (If buyers can create views, they can see all items from all sellers.)

Setting both values to false means that only the marketmaker can create views.

All combinations of values are allowed.

Fixed Bugs

- 4529401: Multiple Notification issues.
- 4535762: Problem in storing offer price(30 digits).

- 4535852: Need to use bind variables. This query is contributing to shared pool thrashin.
- 4535977: RFX: Timers get bad as the test progresses and records increase.
- 4546454: Search My Orders does not work.
- 4547001: Select OMS orders page is slow.
- 4547018: Support Seller catalogs.
- 4547031: RFX throws errors when run for longer duration.
- 4547333: Remote catalog from auction should point to the remote site.
- 4547872: Vortex connection never gets released.
- 4548357: Sell Side Catalog maintains performance issues.
- 4548413: Performance is slow when wildcard (*) is used in front of search string.
- 4567391: Unable to deploy two apps with Vortex code under iAS.
- 4639950: Each sql exception leaks a connection.
- 4646155: Exception thrown while search catalog using advanced search.

Documentation

The following additions and updates have been made to the iPlanet Market Maker documentation for the 4.5 release:

- *Installation Guide*—Updated installer; bug fixes; reorganized document.
- *Deployment Guide*—Sizing material and additional tuning information added; reorganized document.
- *Customization Guide*—Configuring the Debug Channel and Portal information added.
- *Exchange Customization Guide*—No changes for this release.
- *Catalog Import Guide*—No changes for this release.
- Online Help—Update to Catalog/Master Catalog/Items/Add Items: Image attributes.

The Market Maker documentation can be found at the following location:

<http://docs.iplanet.com/docs/manuals/marketmaker.html>

Documentation for other iPlanet products can be found at the following location:

<http://docs.iplanet.com/docs/manuals/>

Software Applications

The following software supports the iPlanet Market Maker 4.5 product:

Table 0-1 Software Requirements for iPlanet Market Maker 4.5

Component	Supporting Software	Comments
Platforms	Sun Solaris (SPARC) 2.6	Kernel patch 29 or higher, plus required iAS 6.5 patches
	Sun Solaris (SPARC) 8	Kernel patch 5 or higher, plus required iAS 6.5 patches
Browsers	Netscape Communicator, Version 4.7x, 6.2	Platforms: Solaris 2.6, 8, Windows 98, 2000, NT
	Microsoft Internet Explorer, Version 5.0, 6.0	Platforms: Windows 98, 2000, NT
iPlanet Infrastructure Products	iPlanet WebServer (iWS), Version 4.1 SP9, 6.0.1	See the iPlanet Web Server (iWS) section in the Installation Guide.
	iPlanet Application Server (iAS), Version 6.5	See the Installing the iPlanet Application Server in the Installation Guide.
	iPlanet Directory Server, Version 4.13, 5.0 SP1	See the Installing the iPlanet Directory Server in the Installation Guide.
	iPlanet Messaging Queue, Version 2.0	See the Installing iPlanet Messaging Queue in the Installation guide.
Third Party Products	Oracle Server Database 8.1.7, 9i Standard or Enterprise Edition, with interMedia search engine	Customer must get Oracle license.
	Oracle Client 8.1.6, 8.1.7, or 9i (if Market Maker is not installed on the same machine)	Customer must get Oracle license.
	*Actuate Report Server, Version 5.0	Bundled. NT workbench for customizing reports

Table 0-1 Software Requirements for iPlanet Market Maker 4.5

Component	Supporting Software	Comments
Other	Java Developer's Kit (JDK), Production 1.2.2_07	Sun product
*Instructions for deploying reports are contained in the iPlanet Market Maker <i>Installation Guide</i> under Actuate Report Writer Deployment.		

Patches

Patches may be required for some of the supporting software products. Before installation, it is important to check the release notes for the supporting software to see if patches are required and how to get them.

iPlanet Patch Information

iPlanet patches can be downloaded from the following web site:

<http://www.iplanet.com/downloads/patches>

Release notes for iPlanet products can be found at the following web site:

<http://docs.iplanet.com/docs/manuals/>

Solaris Patch Information

The Solaris 2.6 patches listed in the Table 2 are required or recommended for iPlanet Market Maker 4.5. There are no patches required or recommended for Solaris 8.

The number in the Version column is the output from running the `uname -r` command on that version of Solaris. The number following the dash in each Patch ID is the revision of that patch. The table lists the minimum patch revisions required by this release of the JDK and JRE; later revisions are acceptable.

Table 2 Solaris 2.6 Patches

Patch ID and level		Patch ID and level		Patch ID and level		Patch ID and level		Patch ID and level	
105181	23	105580	15	105837	3	106448	1	107766	1
105210	32	105591	9	105924	3	106468	2	107774	1
105216	4	105600	19	106027	8	106495	1	107991	1
105284	36	105615	8	106040	13	106522	4	108091	3
105338	25	105621	23	106112	5	106569	1	108199	1

Table 2 Solaris 2.6 (Continued) Patches (Continued)

Patch ID and level		Patch ID and level		Patch ID and level		Patch ID and level		Patch ID and level	
105356	15	105633	41	106123	4	106592	3	108201	1
105357	4	105642	8	106125	10	106625	5	108307	2
105375	22	105654	3	106172	4	106639	4	108346	3
105379	5	105665	3	106193	5	106648	1	108468	2
105401	28	105667	2	106222	1	106649	1	108492	1
105403	3	105669	10	106226	1	106650	4	108499	1
105464	2	105703	22	106235	5	106828	1	108660	1
105472	7	105720	12	106242	2	106834	1	108804	1
105529	9	105722	5	106257	5	106894	1	108890	1
105552	3	105741	7	106271	6	107336	1	108893	1
105558	4	105755	8	106301	1	107434	1	108895	1
105562	3	105780	5	106409	1	107565	2	109266	1
105566	8	105786	12	106415	3	107618	1	109339	1
105568	18	105800	6	106437	3	107733	8	109388	1
105570	1	105802	12	106439	6	107758	1		

JDK 1.2.2_07 + JDK patches for Solaris available at:

<http://java.sun.com/products/jdk/1.2>

In addition to the patches listed in the table, you may also want to install the latest patch cluster for your version of Solaris that includes additional recommended appropriate links starting at:

<http://sunsolve.sun.com>

Patches can be obtained from your service provider or can be downloaded from the web. To download the patches, start at the following location and follow the links to download the JDK (the patches are available on the same page as the JDK):

<http://www.sun.com/solaris/java>

For more information, refer to:

<http://www.sun.com/software/solaris/jre/download.html>

Installation Notes

Follow the instructions in the iPlanet Market Maker 4.5 *Installation Guide* to do a full installation.

Demo Hardware Configuration

The following minimal configuration can be used for development as well as product demonstrations (this is not a recommended deployment configuration):

Dual processor Ultra Sparc-60, or equivalent
1 GB RAM (main memory)
4GB disk space for iPlanet Market Maker installation + additional space for catalog and community data

Upgrade Notes

For the 4.5 release of iPlanet Market Maker, there have been schema changes to the iPlanet Directory Server (LDAP) database which will require data migration if you are upgrading from a previous versions of iPlanet Market Maker. Procedures will be provided in the iPlanet Market Maker 4.5 *Upgrade Guide*.

NOTE Any new installation should use version 5.0 SP1 of the iPlanet Directory Server, since it is richer in features than previous versions.

Limitations and Known Problems

The following sections address any limitations and known problems that are associated with the iPlanet Market Maker 4.5 release:

- API Issues
- Internationalization/Localization Issues
- Operational Issues
- Known Problems

API Issues

Working with blacklisted companies.

To get blacklisted companies, use:

```
TransactionBrokerManager.getFilteredCompanies(CompanyFilterType.  
BLACKLIST, guid) where guid=requesting company
```

To blacklist companies, use:

```
TransactionBrokerManager.setFilteredCompanies(CompanyFilterType.  
BLACKLIST, guid, blacklistguids)
```

where:

guid=requesting company

blacklistguids=list of guids of companies to blacklist

Internationalization/Localization Issues

i18n settings required for iPlanet Directory Server.

To run the iPlanet Market Maker software on the iPlanet Application Server in non-US locales, set the following variables in the `iasenv.ksh` file, located in the `<$IAS_HOME>/ias/env` directory:

```
LC_ALL=en_US.UTF-8  
NLS_LANG=English_America.UTF8  
export LC_ALL NLS_LANG
```

These variables are mandatory for handling character conversion across various character sets.

Settings required for viewing multi-byte with Netscape Communicator 4.x.

Users of Netscape Communicator 4.x who use a language represented in a character set which is not Latin1 (which means all users except US and Western Europe) will need to install the Bitstream Cyberbit font on Windows before using iPlanet Market Maker, and modify the font selection setting for unicode as follows:

1. Install Bitstream Cyberbit. General information is available at:
<http://home.netscape.com/eng/intl/basics.html#encodfont>
2. Get the font from:
<http://ftp.netscape.com/pub/communicator/extras/fonts/windows/>
3. After you have installed the font, modify the font selection setting for unicode:

Edit>Preferences>Appearance>Fonts

For the encoding unicode, the following fonts will be selected if you installed Bitstream Cyberbit:

- Variable Width Font: Bitstream Cyberbit
- Fixed Width Font: Bitstream Cyberbit

There are 3 radio buttons under that:

- I. Use my default fonts, overriding document-specified fonts
- II. Use document-specified fonts, but disable dynamic fonts
- III. Use document-specified fonts, including Dynamic fonts

By default, option 3 is selected.

4. Select option 1.

This enables you to display iPlanet Market Maker pages containing Japanese characters on a Japanese version of Netscape Communicator.

UTF-8 settings required for iPlanet Directory Server 5.x

By default 7-bit check is ON in case of IDS5.X

There are two ways to set 7-bit check value as OFF, as follows:

1. Change value from directory server console.
 - a. Go to Directory Server Console.
 - b. Click on the newly created instance.
 - c. Click on Configuration.
 - d. Click on Plug-ins.
 - e. Click on 7-bit check.
 - f. Click on Advanced.
 - g. Change the value for `nsslapd-pluginenabled` value from ON to OFF.
2. Change the value using the `ldapmodify` command.

```
ids50/shared/bin > ./ldapmodify -h ecom01.india.sun.com -p 5000
-c -a -D "cn=Directory Manager" -w adminadmin -f check-7-bit.ldif
check-7-bit.ldif
```

```
dn: cn=7-bit check,cn=plugins,cn=config
changetype: modify
replace:nsslapd-pluginenabled
nsslapd-pluginenabled:off
```

UTF-8 settings required for iPlanet Directory Server 4.1x

1. Log in to Netscape Console.
2. Open the iPlanet Directory Server.
3. Select configuration\plugins, and select -bit.
4. Check plugin, and uncheck the Enable plugin checkbox.
5. Save your changes.
6. Go to your Netscape installation location. For example:
<netscape\server4\slapd-xxx\config>
7. Open the slapd.ldbmconf file.
8. In this file, comment out the following line by inserting # at the start of the line:

```
#plugin preoperation off "7-bit check"
"C:/Netscape/Server4/lib/uid-plugin.dll" NS7bitAttr_Init "uid"
"mail" "userpassword" ", " "o=red.iplanet.com"
```

9. Add the following line to the slapd.ldbmconf file:

```
plugin preoperation off "7-bit check"
"C:/Netscape/Server4/lib/uid-plugin.dll" NS7bitAttr_Init
"uid" "mail" ", " "o=imm"
```

In the above example, UTF-8 settings were enabled for only two attributes: uid and mail. You will need to include any other attributes you want to store as UTF-8.

SQL query required (after installing iPlanet Market Maker) for Korean currency to appear

By default, the iPlanet Market Maker installation does not include sample Korean currency conversion values. To see Korean currency, you need to run the sql query that appears below after installing the iPlanet Market Maker software:

1. Cut and paste the following, and save as ko_currency.sql:

```
insert into pri_exch_rate values
(110,'KRW','FRF',.00565,'T','20-MAR-02','20-MAR-02');
insert into pri_exch_rate values
```

```
(111, 'KRW', 'CAD', .0012, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(112, 'KRW', 'USD', .00077, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(113, 'KRW', 'EUR', .00086, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(114, 'KRW', 'DEM', .00168, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(115, 'KRW', 'GBP', .00053, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(116, 'KRW', 'NLG', .0018, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(117, 'KRW', 'ITL', 1.669, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(118, 'KRW', 'CHF', .0013, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(119, 'KRW', 'MXP', .0073, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(120, 'KRW', 'JPY', .095, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(130, 'FRF', 'KRW', 165.70098, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(131, 'CAD', 'KRW', 839.20647, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(132, 'USD', 'KRW', 1286.0, 'T', '20-MAR-02', '20-MAR-02');  
insert into pri_exch_rate values  
(133, 'EUR', 'KRW', 1086.92719, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(134, 'DEM', 'KRW', 145.80499, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(135, 'GBP', 'KRW', 555.73705, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(136, 'NLG', 'KRW', 493.22606, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(137, 'ITL', 'KRW', 0.5991611, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(138, 'CHF', 'KRW', 769.23076, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(139, 'MXP', 'KRW', 140.08715, 'T', '20-MAR-02', '20-MAR-02');
```

```
insert into pri_exch_rate values
```

```
(140, 'JPY', 'KRW', 10.79493, 'T', '20-MAR-02', '20-MAR-02');
```

2. Login as oracle user (unix user)
3. Connect to the database by using sqlplus
4. Run ko_currency.sql script and commit.

```
% sqlplus vortex/vortex@<Your_SID>
```

```
SQL> @ko_currency.sql
```

```
SQL> commit ;
```

Operational Issues

iPlanet Market Maker 4.5 property files are in separate locations.

Location of set used for command line:

```
<$IMM_HOME>/resources
```

Location of set used by iPlanet Application Server applications:

```
<ias_install_dir>/ias/APPS/imm40/imm40/WEB-INF/classes
```

Browser Issue

Problem: JSP's do not render fully in Netscape 6.2.

On some pages a warning message appears:

"The page you are trying to view contains POSTDATA that has expired from cache. If you resend the data, any action the form carried out (such as a search or online purchase) will be repeated. To resend the data, click OK. Otherwise, click Cancel".

Workaround:

One solution is to click the OK button when the warning message appears, and the page renders properly.

Another solution is for the user to click Reload on the menu bar, and the page renders properly.

LDAP sampledata passwords

The LDAP sampledata has two workable passwords.

One is the "userid" itself, and the other is "iplanet".

For example:

```
immhost = "root"
mercury enterprises = "iplanet"
```

If one does not work, try the other.

iPlanet Market Maker configuration files

VortexConfiguration.properties and some other files are located in two different locations:

- \$IMM_INSTALL/imm/resources
- \$IAS_INSTALL/ias/APPS/imm40/imm40/WEB-INF/classes

Make sure to update both places when making any changes.

Known Problems

The following describes the product bugs that may affect your experience installing or using iPlanet Market Maker 4.5. Bugs are listed in numeric order.

4648661 Auctions: Search by String does not return an auction.

4651229 As a root user, only full uninstall is available.

4666610 Some sample image files do not display.

4666662 An incorrect file name displays if an attachment has a Korean file name.

4675583 iMM 4.5 English version cannot be installed on ko locales.

4648661 Auctions: Search by String does not return an auction.

The search by string in the Auctions module does not return any auction details (English and Japanese versions).

This problem occurs if the property `CFG_USE_INTERMEDIA` in the `CatalogConfiguration.properties` file is not set to `true` during the loading of the catalog data.

Solution: After altering the indexes, the Catalog search works correctly and the problem is solved. The format for altering the indexes is as follows:

```
#CFG_USE_INTERMEDIA  
  
# Set to true when intermedia is to be used for searching, false  
otherwise  
  
14=true
```

4651229 As a root user, only full uninstall is available.

As a root user, it is only possible to do a full uninstall. However, both full and partial uninstall are available to an iMM user.

4666610 Some sample image files do not display.

Some sample image files do not display because an incorrect path is selected.

Solution: Copy the sample image files from the Web Server content directory to the `$ias_ROOT/ias/APPS` directory.

4666662 An incorrect file name displays if an attachment has a Korean file name.

There is a limitation to saving an attachment with a Korean file name.

Solution: Use ASCII characters as the file name.

4675583 iMM 4.5 English version cannot be installed on ko locales.

When installing the iPlanet Market Maker 4.5 English version under the ko locale, it fails.

Solution: Install the iPlanet Market Maker 4.5 English version under the 'C' locale. Switch back the OS to the ko locale. Install the ko package and run the iPlanet Market Maker 4.5 software on the ko locale.

How to Report Problems

If you have problems with your iPlanet Market Maker software, contact iPlanet customer support using one of the following mechanisms:

- iPlanet online support web site:

http://www.iplanet.com/support/support_services_10_0.html

From this location, the CaseTracker and CaseView tools are available for logging problems.

- The telephone dispatch number associated with your maintenance contract

So 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 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/product_map/product_name_2_0a.html

For More Information

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