

Oracle® Insurance IStream

IStream Publisher Release Notes

Release 4.3

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OVERVIEW

These *Release Notes* describe the new and changed features, supported platforms, installation issues and known limitations of this release. For information on a prior release, please see the *Release Notes* or *ReadMe* file for that release.

IStream Publisher 4.3 is a complete release of the IStream Publisher software. Please read all of the installation instructions carefully. Please review the installation chapter in the *IStream Publisher Administrator's Guide* before installing or upgrading the software. For additional information, please contact Customer Support.

ABOUT ISTREAM PUBLISHER

IStream Publisher is an enterprise document automation software solution that complements core business systems for product development, sales and marketing, administration and customer service.

IStream Publisher provides a set of integrated services that have been specifically engineered to automate document-intensive business processes. It is used to satisfy event-driven requests, such as new policy fulfillment requests, which trigger a range of activities. These activities can include:

- automatically retrieving documents from multiple sources such as file systems, the web, or IStream Document Manager
- assembling personalized, complex documents and document packages such as policies, letters, contracts and booklets
- rendering them in multiple file formats including: DOC (Microsoft Word), HTML, PDF, PCL, PS (Postscript) and TIFF
- delivering them to multiple recipients through their preferred channels (print and mail, fax, email, the web)
- saving them to a file system, FTP, IStream Document Manager, or a WebDAV server (Microsoft SharePoint)

IStream Publisher is a J2EE application that uses JMS technology and an XML request-based interface to automate the entire document issuance process from content creation to delivery.

IStream Publisher 4.3 is a minor release of the software; it includes a number of new features and enhancements. These are described briefly later in this document.

IStream Publisher Licensing

Customers who have purchased IStream Publisher are licensed to use all of the content generation, rendering, delivery, and utility services that are installed by the IStream Publisher installation program.

IStream Publisher customers are also entitled to define their own custom services to be executed as part of the requests submitted to IStream Publisher.

IStream Publisher Express customers are only entitled to use those services for which they are licensed and cannot define their own custom services unless they have purchased the optional Extensibility Add-On Pack. The IStream Publisher installation program will install all of the content generation, rendering, delivery, and utility services. If you require clarification on which services you are licensed for, please contact Oracle Customer Support for assistance.

IStream Publisher Express Add-On Packs

Add-on packs for previous IStream Publisher Express clients are no longer available. IStream Publisher Express clients can upgrade to the full set of IStream Publisher features by upgrading from IStream Publisher Express to IStream Publisher.

NEW AND ENHANCED FEATURES

This section describes the new features and enhancements in IStream Publisher 4.3. For more information, please review the product guides or contact Oracle Customer Support.

- RAPI can now read from and write to WebDAV. See the *WebDAV Repository Adapter* section of the *IStream Publisher Interface Reference Guide* for details.
- You can now stream back destination documents to the IStream Publisher web service client. See the *Stream Back* chapter of the *IStream Publisher Interface Reference Guide* for details.
- IStream Publisher allows you to set additional PDF document default viewing preferences in its rendering to PDF services using a new `<pdf-preferences>` element. See the *PDF Preferences* chapter of the *IStream Publisher Interface Reference Guide* for details.
- For PDFs created in Microsoft Word 2007, the PDF encryption and security are the same as those for PDFs created by Amyuni.
- You can specify in a PDF render request whether to use Amyuni or Microsoft Word 2007. If this is not specified, the preset option for the configuration will be used.
- There is enhanced support for Microsoft Word macro parameters and error handling. For more information, see the *Run Word Macro* section in the *Simple Services* chapter of the *IStream Publisher Interface Reference Guide*.
- When a log reaches a certain file size, the system will automatically create a new log file. You can specify the maximum number of files that will be retained (for a given day) and automatically keep that number of files.

SUPPORTED PLATFORMS AND COMPONENTS

This section describes the supported platforms of the various IStream Publisher components.

IStream Publisher requires supporting infrastructure such as a Servlet Container, a JMS Messaging Service and a Relational Database. When installed independently of the IStream Publisher components that require Microsoft Windows, these infrastructure components can leverage an operating system other than Microsoft Windows as supported by the product vendor.

Please note the following installation considerations

- Only 32-bit databases and operating systems are supported.
- The IStream Publisher 4.3 Admin Console and IStream Communicator 2.2 FP3 cannot be deployed into the same servlet container instance. If you deploy IStream Publisher 4.3 Admin Console in a WAS server instance, that instance cannot contain a copy of IStream Communicator.
- Please see the installation chapter of the *IStream Publisher Administrator's Reference Guide* for the complete hardware requirements.

Server Components

This section lists the supported environments and applications for the IStream Publisher server components.

Operating Systems

- Microsoft Windows Server 2003 SP2
- Solaris 8 – only supported with Oracle databases and IBM WebSphere® MQ message services

Databases

- Oracle 10g
- Microsoft SQL Server 2000 SP4 and 2005

JMS Messaging Services

- IBM WebSphere® MQ 6.0.2 and 7.0
- OpenJMS (included with IStream Publisher)

Worker Components

This section lists the supported environments and applications for the IStream Publisher Worker components.

Operating Systems

- Microsoft Windows Server 2003 SP2

Microsoft Word

- Microsoft Word XP SP2 and SP3
- Microsoft Word 2003 SP2 and SP3
- Microsoft Word 2007 and 2007 SP1– compatibility mode only

Content Service

The following applications are supported for content assembly:

- IStream Assembler 6.2, 6.2 SP1, and 6.3

Printer Drivers Supported for Advanced Options

IStream Publisher can employ any Microsoft Windows-based print driver. However, IStream Publisher requests that include advanced printing options (set by IStream Publisher using PCL or PostScript file manipulation) are supported only with certain printers. These options include page numbering, collation, number of copies, simplex and duplex changes, and so on.

The supported printers are:

PCL Drivers

- HP LaserJet 5Si PCL 5e
- HP LaserJet III
- HP LaserJet 8150 Series PCL (supported with Microsoft Windows 2003 only)

Note: If you select another driver, then the rendered file will not be modified. You therefore need to ensure the robustness of your selected print driver.

PostScript Drivers

- HP LaserJet 5/5M Postscript Printer Driver
- Local HP LaserJet 8150 Series Postscript Printer Driver (supported with Microsoft Word 2003 and 2007 only)

Note: You can select an AFP or other print output format driver instead of a PS or PCL driver. However, if you select another driver, then the rendered file will not be modified. You therefore need to ensure the robustness of your selected print driver.

Delivery Services

This section lists the environments, drivers, SMTP servers and other applications that each delivery service supports.

File System Delivery Service

The Microsoft Windows versions listed in *Operating Systems* on page 7 support the File System delivery service.

FTP Delivery Service

- Microsoft Windows Server 2003 SP2 with IIS6.0
- Solaris 8

Printer Delivery Service

- Print Spooler Wrapper PrinterSpooling.dll

Email Delivery Service

- Microsoft Windows Server 2003 SP2 with Microsoft Exchange Server 2003

Fax Delivery Service

- Microsoft Windows Server 2003 SP2 with RightFax 9.3

IStream Document Manager Service

- IStream Assembler 6.2, 6.2 SP1 and 6.3

Web Server Components

This section lists the environments, databases, and other applications that the Web Server components support for Microsoft Windows and Sun Solaris.

Server Components – Microsoft Windows

This section lists the environments, databases, and servlet containers that the Web Server components support under Microsoft Windows.

Operating Systems

- Microsoft Windows Server 2003 SP2

Databases

- Oracle 10g
- Microsoft SQL Server 2000 SP4 and 2005

Servlet Containers

- Tomcat 6.0.18
- IBM WebSphere 6.1 and 7.0

Server Components – Sun Solaris

This section lists the environments, databases, and servlet containers that the Web Server components support under Sun Solaris.

Operating System

- Solaris 8

Databases

- Oracle 10g

Servlet Containers

- BEA WebLogic 9.2 and 10

Client Components

Web Browsers

- Microsoft Internet Explorer 6.0 SP1 and 7.0

Supported IStream Product Versions

IStream Publisher is supported with the following product versions:

IStream Document Manager

- IStream Document Manager 6.2, 6.2 SP1 and 6.3

IStream Communicator

- IStream Communicator 2.2 FP3

Note: For additional information, please review the *Release Notes* for these products.

INSTALLING ISTREAM PUBLISHER

IStream Publisher 4.3 is a complete release of the IStream Publisher software. The installation includes the IStream Document Manager components required for full IStream Publisher functionality. Please review the *IStream Document Manager Release Notes* to understand any known limitations. Also, please review the installation chapter of the *IStream Publisher Administrator's Reference Guide* before installing or upgrading the software. For additional information, please contact Oracle Customer Support.

Upgrading from Earlier Versions

Important: Before upgrading, please contact Oracle Customer Support to discuss your upgrade plan.

To ensure that your database tables are updated correctly, only certain upgrade paths for IStream Publisher are supported. To upgrade to IStream Publisher 4.3, you must already be running IStream Publisher 4.1 or 4.2.

Disabling the IStream Author Add-In

We recommend that you disable the IStream Author Add-In to improve reliability during batch processing. Please see the installation chapter in the *IStream Publisher Administrator's Reference Guide* for details.

Deploying IStream Publisher Admin Console and Web Services Interface to WebLogic 9.2

Please ensure that the IBM WebSphere® MQ JMS driver and database driver are on the **classpath** server. The IStream Publisher Console uses these drivers. The driver files are listed in the *IStream Publisher Administrator's Guide*.

The IStream Publisher Console and the Web Services Interface use a JNDI name of **jdbc/ConsoleDS** to locate the data source. Create this data source and point it to the IStream Publisher Console database.

When using Microsoft SQL Server database, please ensure that:

- the Microsoft SQL Server JDBC driver is used when creating the data source for the IStream Publisher Console and the Web Services Interface
- the Microsoft SQL Server 2005 JDBC driver (included in the IStream Publisher installation folder) is located in the server classpath
- the **Test on Borrow** option is enabled for the **jdbc/ConsoleDS** data source

KNOWN ISSUES AND LIMITATIONS

- The IStream Publisher Web service pushes back only the document in the root of an aggregate request.
- If you render a file to PDF file with more than one flag set to True, the resulting PDF may not appear correctly in Adobe Reader 8 or 9.
- A deadlock may occur when deferred requests are picked up. This can cause IStream Publisher to attempt to pick up and execute the same deferred requests multiple times after the deadlock.
- The valid `fax-property` and embedded code list in the `deliver-to-fax` comments of the XML Request Schema documentation are inaccurate. The valid list of properties are: `fromphone`, `fromfaxnum`, `priority`, `atdate`, `attime`, and `fcsfile`.

ISTREAM PUBLISHER DOCUMENTATION

The IStream Publisher manuals and online documentation have been updated to include all of the new and changed functionality introduced in this release.

All of the IStream Publisher manuals are included under the *Manuals* folder with IStream Publisher.

The tables documenting the elements and parameters have been removed from the *IStream Publisher Interface Reference Guide*. This information now appears in the schema documentation, which is supplied as a set of HTML files in a zip file. For details, please see the ReadMe file.

ORACLE CUSTOMER SUPPORT

If you have any questions about the installation or use of our products, please visit the Oracle Customer Support website: www.oracle.com/support

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