



Release Notes | Release 9.0




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Overview

This document is intended for Infogix ER[®] customers who upgrade to Release 9.0. Follow the instructions in the appropriate *Infogix Server Upgrade Guide* to install the new release.

This document describes the enhancements and modifications included in this release and highlights changes that may affect your current Infogix ER implementation. This document is not intended as a user manual.

Contacting Customer Support

If you need assistance, contact Infogix Customer Support.

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What's New

Reconciliation Enhancements

Action Availability Rule Enhancement

Existing Action Availability Rules have expanded functionality to allow the administrator to configure optional rules for the New and Duplicate actions. This allows administrators more granular control over which users can conduct New or Duplicate actions.

To create a New or Duplicate rule, in the Define Reconciliations window select the Action Availability Rules stack tab. In the Items tab, select the New or Duplicate action. Click Edit or double-click the action to open the rule editing pop up.

A New Action Availability Rule may use Recon Entity or User Profile fields; the Duplicate rule may use Item or User Profile fields.

Overriding a Duplicate Rule

A Duplicate Action Availability Rule may be overridden for specific screens. This allows the administrator to create rules specifically for the Item, Match set, or Recon Entity detail screens in order to best meet their business needs.


To override a Duplicate rule, select the Duplicate action and click **Override**. Select the stack tab on the left of the pop up to choose the screen on which the rule applies. Configure the rule using the fields, functions, and operators available in the editing popup.

For reconciliations with sub-recons, the sub-reconciliation inherits existing Action Availability Rules from the parent reconciliation; however, you may override an Action Availability Rule at any level (in other words, at the top-level or at a sub-reconciliation level).

Global Setting to Disable New and Duplicate Item Actions

Also added in this release are two new parameters that allow the administrator to globally disable the New and Duplicate Item actions.

These parameters, `ENABLE_NEW_RECON_ITEM_ACTION` and `ENABLE_DUPLICATE_RECON_ITEM_ACTION`, are located in the `ER.properties` file and are enabled (true) by default. The administrator may restrict New and Duplicate actions by setting the parameter values to false prior to deployment.



NOTE: Administrators may configure Action Availability Rules for New and Duplicate; these rules override global configurations.

Additional information on the Action Availability Rules is found in the Infogix ER Rich Client help files.

Duplicate Item Editable Fields Restriction

This enhancement allows administrators to configure the availability of editable fields when an item is duplicated. This provides greater flexibility and control when requiring field edits for duplicated items.

If the `RESTRICT_DUPLICATE_ITEM_EDITABLE_FIELDS` parameter is set to true, only item attributes defined as editable in the User Interface definition of the Item Detail screen are editable; other fields, including system fields, are not editable.

If this property is set to false, all the user-defined fields, as well as the Item Side Indicator field in the Item Attributes section of the Item Detail screen are editable, even if fields are not marked as editable in the User Interface Definition; other fields, including system fields, are not editable.

The default is false.

Item Filter on the Recon Entity Detail Screen

The Recon Entity Detail screen contains a new Item Search Fields section, which contains user- and system-defined fields as configured by the administrator. This new filter allows users to quickly find items within the Recon Entity Detail screen based on user criteria.


To configure the Item Search Fields, open the Define Reconciliations screen and select the reconciliation. Click the User Interface Definition stack tab and select the Recon Entity Detail tab.

Select the Item Search Attribute Group header and click Add Field. In the pop up, locate and select the fields to include and click Select.

NOTE: If no fields are added to the Item Search Attribute Group, the Item Search Fields section is not visible to users.

Once Item Search Fields are configured, users can enter criteria in one or more fields to filter the Recon Entity Items list based on the entries, allowing users to search for and locate specific items quickly and more efficiently. When criteria are entered, click Search Items to filter the list.

After filtering items, you can sort results by clicking on the column heading, rearrange columns, etc., as with any other results list.



Click **Clear Item Filters** to remove entered criteria and return to the complete Recon Entity Items list.

Mass Edit functionality on the Item Search screen

The Mass Edit functionality is now available on the Item Search screen in addition to the Recon Entity Detail screen. This feature reduces time needed to update multiple items that may have the same field values.

To use this functionality, open and execute an Item Search. Select one or more rows of data in the results list on the Item Search screen. Take ownership of the items by clicking **Take**; click **Mass Edit** to open the Mass Edit pop up.

Note that at least one or more rows in the results table must be selected and there must be at least one editable field in the selection for Mass Edit to be enabled. Mass Edit is disabled when there are no editable fields in selected items.

To make item fields editable, open the Define Reconciliations screen and select the reconciliation. Click on the User Interface Definition stack tab and select the Item Search tab. In the Search Results Table section, select the Editable checkbox next to the field name and save the definition.

NOTE: In past versions of Infogix ER, none of the fields in the Search Results Table for the Item Search were editable. To support Mass Edit functionality on the Item Search screen, this functionality has been added in this version. Fields that may be marked as editable are user-created fields; no system-created fields may be editable.

By default, the Mass Edit pop up contains a list of editable fields, with field values filled it automatically based on the first item in the selection. Users may revise any of the values, or exclude a field from the edit by unchecking the Include checkbox for the field.

Once edits are complete, click **OK**. Unlike the Mass Edit functionality on the Recon Entity Detail screen, the Item Search Mass Edit displays a confirmation pop up, allowing the user to review changes prior to saving. The pop up displays the total rows selected and number of rows to be updated.

In some cases, items selected may not be available for editing. This can be due to security settings, item status, or ownership. If selected items cannot be edited, an informational message displays in the confirmation pop up. Items that are not eligible for editing will not be updated.

When the user clicks **Yes** in the confirmation pop up, edits are automatically saved for eligible items. To cancel the edits, click **No** in the confirmation pop up.



Configurable Item Count Limit for Mass Edit

Configuration of a new parameter, `ITEM_SEARCH_MASS_EDIT_MAX_ITEMS`, allows the administrator to limit the number of items allowed in a Mass Edit action (applies to Item Search screen only).

This feature provides the administrator the ability to limit or reduce large volumes of simultaneous data changes, avoiding potential performance degradation.

By default, this parameter is set to 200. If the selected item count exceeds the configured limit, an error displays in the Item Search screen status bar, and the Mass Edit pop up does not display.

Double-Click Enhancement

Currently, when a user double-clicks an object in a search results list, the object's associated detail screen displays. In this version of Infogix ER, an enhancement provides a configurable option to disable double-clicking.

By default, the `ENABLE_SEARCH_RESULTS_DOUBLECLICK_VIEWDETAILS` parameter is true, allowing users to double-click an object in search results to view the object's detail screen.

The administrator can set this parameter to false prior to deployment to disable double-clicking to display the detail screen.

Adjustment Enhancements

Automated Adjustment Aggregate Functions

In past releases, all aggregate functions were fully supported for manual adjustments. Support for automated adjustments, however, was partial; three aggregate functions (min, max, and unique count) were not supported for automated adjustments.

With this release, all aggregate functions are fully supported for both manual and automated adjustments.

Aggregate functions include:

- count
- sum
- min
- max
- unique count



Adjustment Entry Upload Optimization

To help speed adjustment entry uploads, a new parameter (ADJ_UPLOAD_APPLY_FIELD_UPDATE_RULES) has been added to the ER.properties file in this release.

This parameter allows the administrator to disable execution of adjustment field update rules during an adjustment entry upload. When uploading a large number of entries, this can improve upload times.

The default value for the ADJ_UPLOAD_APPLY_FIELD_UPDATE_RULES parameter is the value of the ADJ_UPLOAD_EDITABLE_FIELDS_ONLY parameter (false by default).

NOTE: The two Workflow Rules affected by this parameter are the Pre-Update Adjustment Entry Field and Post-Update Adjustment Entry Field rules. If ADJ_UPLOAD_APPLY_FIELD_UPDATE_RULES is set to false, these two workflow rules are not executed during an adjustment entry upload.

Lazy Rule Compilation on Adjustment Panel

To help speed the creation of the initial entry on an adjustment panel, this release features lazy rule compilation for the Adjustment Panel. This change greatly enhances the adjustment panel performance by requiring rules to be compiled only on execution and only once per adjustment instance.


Cash Difference Enhancements

Cash Differences Module Licensing

In this release, licensing for the Cash Differences module has been implemented.

Details about Cash Differences licensing are displayed in the About Us page for both Web-Based Administration and Rich Client. Information includes the license status (Enabled, Disabled, or Expired) and expiration date.

If the license is enabled, all components of the Cash Differences module are available for configuration and use. Components include the Cash Differences definition, Research Limits definitions, and all Cash Differences screens and data, as well as the Adjustment Field Mapping Rules for Cash Differences and the Create New CD action in the Internal Approve Adjustment Entry Workflow Rule.



If the Cash Differences license is disabled, none of the Cash Differences components or data is available for viewing or use.

In the event the Cash Differences license is expired, error messages are displayed on the UI and an entry logged if a user attempts to access Cash Difference components or data. No Cash Differences data will be processed and Adjustments using Cash Differences mapping or workflow events may not be submitted or approved.

Web-Based Administration Scheduler Jobs

In the Web-Based Administration, the Scheduler displays all Cash Differences jobs, regardless of license status. Attempting to run Cash Differences jobs when the Cash Differences license is disabled or expired, however, results in log errors and jobs are not executed.

Infogix ER Gateway

If the Cash Differences license is disabled or expired, no Cash Differences data processing will be executed by Infogix Assure[®] and no Cash Differences data sent to Infogix ER. Error messages are displayed in the Infogix Assure UI and error entries logged in the application log file.

Command Line Utilities

Cash Differences-related command line utilities are executed only when the Cash Differences license is enabled and valid (i.e., not expired).

Microsoft[®] SQL Server[®] Certification

In this version of Infogix ER, the Cash Differences component has been certified on Microsoft[®] SQL Server[®] and is compatible on all supported SQL Server versions, including SQL Server 2014.


General Enhancements

Attachment Filter for Search Results

In this release of Infogix ER, new functionality has been added to filter search results for objects having one or more attachments.

The attachment filter is supported on the following screens:

- Teller Search
- Cash Differences Search
- Exceptions Search

- 
- Cash Differences Summary
 - Recon Entity Search
 - Recon Entity Detail
 - Match Set Search
 - Match Set Detail
 - Item Search
 - Reconciliation Item Summary
 - Adjustment Search

To use this filter, execute a search on one of the search screens and click Has Attachment. The filter shows only objects from the search having at least one attachment.

By default, Has Attachment is disabled when the search screen is opened. The filter is enabled by clicking Has Attachment and disabled by clicking the button again.

Users may also enable Has Attachment prior to running a search to return only those objects having at least one attachment.

Command Line Import/Export Utilities


In this release, new command line import/export utilities have been developed to allow administrators to perform import and export of component definitions via the command line. This feature allows greater automation and less manual intervention when importing/exporting definitions.

These utilities generate ZIP files containing definitions of exported objects. These files can be imported into an Infogix ER system via the command line or via the UI.

Similarly, definitions that have been exported via the UI may be imported via the command line utility or the UI.

Import/export command line utilities are available for the following components:

- Adjustment definitions
- Cash Differences definition
- Cross Reconciliation definitions
- Letter definitions
- Letter Output Schedule definition

- 
- Reconciliation definitions
 - Reference Calendar definitions
 - Research Limit definitions
 - Rules Catalog definition
 - User Profile definition
 - User Profiles
 - Work Owners

For components that may have many definitions, options allow the administrator to select all or individual definitions, providing more precise import and export capabilities. Refer to the Infogix ER Administrator's Guide for additional information.

Configurable Server-Side Cache Expiration

The `SERVER_SIDE_CACHE_EXPIRATION` parameter has been added in this release to allow administrators to set the server-side cache expiration (in seconds).

This property can be set to a custom duration in seconds (>0) which allows the cache to expire after the specified duration.


The default value is -1, which indicates the cache never expires. If this property is set to other negative numbers or zero, it causes the application to default to the platform cache default expiration, which is 1800 seconds (30 minutes) by default.

Work Items Summary Page

This release of Infogix ER includes an enhancement to the Welcome Page. A new tab, called Owned Work Items, has been added on the Welcome Page to allow users to quickly view their owned work items. This feature provides greater insight into items owned by a user across reconciliations, adjustments, and cash differences.

Information displayed on the Owned Work Items tab includes the object's UUID, the Owned Since date, Source, and Object Name. By default, information is sorted by the Owned Since date in descending order (most recent objects first).

NOTE: If a user is not a work owner, the Owned Work Items tab is not displayed.



Administrators can opt to disable the Owned Work Items by setting the new RICH_CLIENT_SHOW_WORKITEMS_PAGE parameter, found in the ER.properties file, to false. The parameter is true by default.

Another parameter, RICH_CLIENT_WORKITEMS_PAGE_MAXITEMS, allows administrators to limit the number of objects displayed on the Owned Work Items tab; by default, this parameter's value is 100.

Microsoft® Excel® XLSX format

In this release of Infogix ER, functionality has been added to export data from the Rich Client to the Microsoft® Excel® XLSX file format. The XLSX format replaces the older XLS format.

By updating to an XLSX format, users can now export greater numbers of items to Microsoft Excel for additional research or analysis because the new format does not have the 65,000 entry limit of the older XLS format.

Configurable DELETE_BLOCK_SIZE

Infogix ER administrators can now configure the block size used for data deletion when a sub-reconciliation is deleted.

The DELETE_BLOCK_SIZE property in the ER.properties file is set to 50000 by default. When a sub-reconciliation is deleted from the Infogix ER application, the application deletes sub-reconciliation data in blocks of 50,000 entries at a time. This setting can be used to optimize deletion performance based on the customer's needs and requirements by setting the deletion block size larger or smaller.

Microsoft® Windows® 10 Edge™ Certification

This release has been certified against Microsoft® Windows® 10 and the Windows Edge™ browser.



Change Logs for Upgrading to Infogix ER 9.0

This section summarizes any changes that might affect customers who are upgrading from Infogix ER 4.6 to Infogix ER 9.0.

For instructions on upgrading from a previous version of Infogix ER to Infogix ER 9.0, please refer to the *Infogix Server Upgrade Guide*.

Java Change Log

Support for Java 8 has been added in this release. Refer to the Infogix Platform Release Notes for details.

Application Server Properties Change Log

JBoss Application Server

The JBoss application server is no longer supported in this product release.

Wildfly Application Server

This release supports the use of the Wildfly Application Server. Refer to the Infogix Platform Release Notes and other Infogix documentation for details.

WebSphere Application Server

When upgrading from Infogix ER 4.6 to Infogix 9.0, the following properties were added to the application server properties file:

Property	Description
EMAIL_USE_SSL	Enables SSL use for email. Value is false by default.
EMAIL_DEBUG	Enables email debugging. The property is false by default.
SESSION_TIMEOUT	Enables a session timeout (in minutes) for the Web-Based Administration component; the default value is 30.



Property	Description
SESSION_TIMEOUT_WARNING	Enables a session timeout warning (in minutes) for the Web-Based Administration component; the default value is 10.

The following parameters were added to the advanced application properties file:

Property	Description
JMS_PREFIX	Allows objects to be placed in any namespace.
AUTH0_AUTHENTICATION	Enables AUTH0 SSO functionality. Default value is false.
AUTH0.CLIENT_ID	Required if AUTH0 SSO is in use. The value is based unique to each environment and based on the AUTH0 deployment.
AUTH0.CLIENT_SECRET	Required if AUTH0 SSO is in use. The value is based unique to each environment and based on the AUTH0 deployment.

Database Properties Change Log

When upgrading from Infogix ER 4.6 to Infogix ER 9.0, there were **no changes** to Oracle® and Microsoft SQL Server database properties files.

LDAP Server Change Log

When upgrading from Infogix ER 4.6 to Infogix ER 9.0, the following changes were made to the security directory properties file:

Windows Server® 2003 Active Directory®

Property	Description
SECURITY_LDAP_NESTED_GROUP_OID	This property was removed .
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.



Microsoft ADAM

Property	Description
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.

EDirectory

Property	Description
SECURITY_LDAP_NESTED_GROUPS	Added to support nested LDAP groups; the default value is false.
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.

OpenDS

Property	Description
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.

Sun ONE™ Directory Server

Property	Description
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.

IBM® Tivoli® Directory Server

Property	Description
SECURITY_VLV_ENABLED	Added to support the VlvController; default value is false.

In addition, support is included in this release for the Oracle® Directory Server. Refer to the Infogix Platform Release Notes and other Infogix documentation provided for details.

ER.properties Change Log

When upgrading from Infogix ER 4.6 to Infogix ER 9.0, the following properties were added to the Infogix ER properties file.

Property	Description
ENABLE_SEARCH_RESULTS_ DOUBLECLICK_VIEWDETAILS	Enables double-clicking an object to view the associated detail screen; the value is true by default.
ADJ_UPLOAD_APPLY_FIELD_ UPDATE_RULES	<p>If set to true, adjustment field update rules configured by the administrator are applied to adjustment entries being uploaded to the adjustment panel. In very large uploads, this can result in extended upload times.</p> <p>If set to false, adjustment field update rules are not applied to entries being uploaded to the adjustment panel. This can improve upload times for very large uploads.</p> <p>NOTE: Pre-Update Adjustment Entry Field and Post-Update Adjustment Entry Field are the work flow events that the administrator can configure.</p>
RESTRICT_DUPLICATE_ITEM_ EDITABLE_FIELDS	<p>If set to true, only item attributes defined as editable in the User Interface definition of the item detail screen are editable; other fields including system fields are not editable.</p> <p>If this property is set to false, all the user defined fields as well as item side indicator in the item attributes section of the item detail screen are editable even if the fields are not marked as editable in the User Interface definition; other fields including system fields are not editable. The default is false.</p>
DELETE_BLOCK_SIZE	This property is the size of the block size for data deletion when a sub-reconciliation is deleted. The default is 50000.
ITEM_SEARCH_MASS_EDIT_MAX_ITEMS	Specify the maximum number of items that may be edited via Mass Edit on the Item Search screen; default value is 200.



Property	Description
SERVER_SIDE_CACHE_EXPIRATION	<p>Specify the server side ER cache expiration value in seconds. This property can be set to a custom duration (>0) which allows the cache to expire after the specified duration.</p> <p>The default value is -1, which indicates that the cache never expires. If this property is set to other negative numbers or zero, it causes the application to default to the platform default cache expiration, which is 1800 seconds (or 30 minutes).</p>
RICH_CLIENT_SHOW_WORKITEMS_PAGE	<p>This property displays the Work Items tab in Rich Client Welcome Page, providing links to all work items currently owned by logged in user. The default is true.</p>
RICH_CLIENT_WORKITEMS_PAGE_MAXITEMS	<p>This property specifies the maximum number of work items to be displayed on the Work Items tab. The default is 100.</p>

Fixed in this Release

The following issues have been fixed in this release of Infogix ER.

JIRA	Details
ER-5906	Linked field functionality has been enhanced to enable save and cancel buttons only when the value for linked field changes.
ER-5908	New value is saved, or there is a user-friendly UI error displayed. Clicking help is not bringing up the help topic for match history.
ER-5912	Our jsp code is using ".." for a relative URL which doesn't work with later versions of WildFly.
ER-5913	Clicking help is not bringing up the help topic for match history.
ER-5914	Matching panel and QMatch functionality use the same computations for balance values, resulting in the QMatch and Matching panel being in agreement on balance values.
ER-5915	Duplicating Items from historical match set does not work.
ER-5987	Recon date combo box does not show any recon instance dates.
ER-6007	If condition panel in automated adjustment rule does not validate for error.
ER-6012	Annotations don't work on new and duplicate item's screen.
ER-6029	A NullPointerException was thrown during letter output when a saved adjustment included a letter, but the letter was omitted prior to adjustment submission.
ER-6041	Duplicate item action throws an error if user have view but not edit recon data permission.
ER-6046	Delete all letter data command line does not clear letter output queue.
ER-6047	Access to recon data requires "Access Management view" permission and should not.
ER-6122	In new clean deployments, if the admin tries to configure a new Cash Differences definition and Save, a NullPointerException is triggered.
ER-6171	A NullPointerException was triggered when navigating to data tab when using the Test Rule functionality in the Adjustment



	Workflow Rules.
ER-6282	Auto-approved adjustments sent from Infogix Assure displayed incorrect approval levels when multi-level approval rules were in use.
ER-6298	Make the valid_calendar_day function available in the function picker in the Workflow Rules.



Known Infogix ER Issues

This section describes any known issues.

- Attempting to add a large (over 3990 characters) in-line note on an Item in a Recon Entity Detail window results in a *#RECON102: Error updating dynamic entity* error. Use the note function instead as a work around to this issue. (ER-3973)
- The size and location of the Rules UI Definition Preview window is not saved when the UI Definition is saved. (ER-5219)
- The Adjustment UI Definitions sometimes inserts non-viewable blank line in the Adjustment Attributed Group heading of the Entry Search tab. (ER-5831)
- On a reconciliation definition import, the Cancel button remains highlighted even after clicking Import. (ER-5262)
- The work owners screen allows the input of the special character dollar sign (\$) in the ID field during work owner creation. (ER-5232)
- In creating a work owner, tabbing to a field does not allow Ctrl-V to paste content. (ER-4948)
- A Letter field with a default value does not populate correctly to an Adjustment field via Workflow Rules. (ER-5673)
- For Cash Differences, the Teller screen fields First Name and Last Name require all capitals, resulting in zero results if a user enters lower case letters in the search criteria. (ER-4846)
- Clicking a result in the Rules Catalog search results opens the definition's general stack tab, not the specific tab on which the rule is configured. (ER-5149)
- When search in the Rules Catalog, sorting columns, then clicking Search again sets all columns back to the default order. (ER-5052)
- On the Adjustment Definition for the Entry Search screen, a blank entry is sometimes inserted Adjustment Attributes Group; this is not visible on the UI, but cannot be removed. (ER-5831)
- Asterisk is missing for some of required fields. (ER-5780)
- Some fields on search screens can become misaligned. ER-5738/5737)
- In Cash Differences, occasionally a blank space in UI definition shows up as a "mini" field. (ER-5734)

Platform Improvements

This section summarizes changes to supported software, new features, and improvements for this release.

New Software Supported

- Oracle® Directory Server 11.1.1.7.0 is supported.
- Microsoft® SQL Server® 2014 is supported.

For a complete list of supported software and hardware versions, see

<http://www.infogix.com/resource/infogix-technical-specifications/>

WildFly 10.1.0 Support


Infogix products now support WildFly 10.1.0 Application Server, formerly known as JBoss Application Server. WildFly is an open source application server licensed under the LGPL 2.1 License.

The following are some of the differences between WildFly 10.1.0 and JBoss 6.1.0:

- WildFly 10.1.0 uses a port offset value to configure a set of ports like the HTTP and HTTPS ports. This is a different numbering system from previous versions of JBoss deployments as shown in the table below.

WildFly PORT_OFFSET	HTTP Setting	HTTPS Setting
0	8080	8443
100	8180	8543
200	8280	8643
300	8380	8743
400	8480	8843
500	8580	8943

For more information, see the “Application Server Properties” chapter in the *Infogix Properties Guide*.

- 
- Users who upgrade from a release that used an earlier JBoss version must use the new port numbers as shown in the table above.
 - WildFly has a separate security realm for the administrator that can login into the console. This is different from JBoss 6.1.0 where the administrator was the SECURITY_USER.
 - WildFly requires Java 8 and will not work with Java 7.
 - WildFly requires that the server is running during deployment.

Java 8 Support

Infogix products now support Java 8.

Both Java 8 and Java 7 are supported for IBM® WebSphere® 8.5.5.x Application Server.

New Browser Support

Infogix products now support the following two new browsers in addition to Internet Explorer® 11.

- Google Chrome™
- Microsoft Edge™

Internet Protocol version 6 (IPv6) Support

IPv4 and IPv6 support is now available for Infogix product deployments. Users can specify IP addresses in IPv6 format for both WildFly and WebSphere application servers.

WildFly installations are configured to use IPv4 by default. To use IPv6, remove the JVM argument “-Djava.net.preferIPv4Stack=true” for the WILDFLY_JAVA_OPTIONS property in the appserver.properties file.

WebSphere Application Server supports IPv6, IPv4, and an IPv4/IPv6 combination called mixed mode. The type of TCP/IP stack is controlled by the “java.net.preferIPv4Stack” and “java.net.preferIPv6Addresses” Java Virtual Machine arguments. To create a WebSphere environment using IPv6 requires that “java.net.preferIPv6Addresses” is set to true for the deployment manager, node manager, and server.



Enhancements to Embedded Directory Deployments

Infogix supports product deployments using Embedded Directory, where the management of users accessing the products is managed within the product.

Several security, audit and reporting enhancements have been added to Embedded Directory deployments in this release.

Show “Superuser” Attribute

Directory Administrators and Superusers can now visually view the users that have Superuser privileges. This capability enables the administrators to easily identify all Superusers for compliance purposes.

Generate Object Permissions Report

Security Administrators and Superusers can now generate a report that contains information about the users assigned permission sets. You can generate this report from the security profiles page for a complete report of all Security Profiles, or for an individual permission set from the Permissions page.

Infogix Administrative Console Improvements

The administrative console enables users to gather and provide information to Infogix Customer Support for use in troubleshooting run-time problems.

Test Email Connectivity

From the Infogix Administrative Console, select “Test Email” link to verify email connectivity.

The top panel displays the email configuration properties specified in the installation properties file for your reference.

In the bottom panel, specify the values for the required fields and click Send to verify that the recipient received the test email.

Delete Thread Dump and Heap Dump Files

In prior releases, users had to rely on an external third party vendor, or a server administrator to delete thread dumps and heap dumps that may have been generated by the application servers. Infogix product owners would have had to open up tickets with their administrators to remove these generated files that often consume significant amount of disk space.

A new Delete button has been added to the Heap Dumps and Thread Dumps page in the Infogix administrative console. Infogix Superusers can delete these dump files to reclaim disk space.



Configure Session Timeout Details

Users can define their own site-specific values to configure session timeout parameters. Two new properties, `SESSION_TIMEOUT` and `SESSION_TIMEOUT_WARNING`, have been added to the `appserver.properties` file to configure session timeout duration.

Upgrade Considerations

- Users can add new logging categories, or change the severity of the listed categories from the product-specific Infogix Administrative Console.

However, these changes are lost on a subsequent redeploy in this release.

If you wish to retain your logging changes, copy the file `cee.log4j.properties` from `<install_folder>/Infogix/igx-data/config` to your `CONFIG_OVERRIDE` folder.

Changes to System Requirements

To download the current technical specifications, see the Infogix Web site: http://www.infogix.com/pages/products/er/infogix_er.aspx.

Obtaining Product Updates

Be sure to check for product updates by logging on to <http://support.infogix.com> to download any applicable fix packs or patches.