



Infor LX Configuration Guide for System i Workspace Anywhere

LX 8.3.5 and above

Copyright © 2026 Infor

Important Notices

The material contained in this publication (including any supplementary information) constitutes and contains confidential and proprietary information of Infor.

By gaining access to the attached, you acknowledge and agree that the material (including any modification, translation or adaptation of the material) and all copyright, trade secrets and all other right, title and interest therein, are the sole property of Infor and that you shall not gain right, title or interest in the material (including any modification, translation or adaptation of the material) by virtue of your review thereof other than the non-exclusive right to use the material solely in connection with and the furtherance of your license and use of software made available to your company from Infor pursuant to a separate agreement, the terms of which separate agreement shall govern your use of this material and all supplemental related materials ("Purpose").

In addition, by accessing the enclosed material, you acknowledge and agree that you are required to maintain such material in strict confidence and that your use of such material is limited to the Purpose described above. Although Infor has taken due care to ensure that the material included in this publication is accurate and complete, Infor cannot warrant that the information contained in this publication is complete, does not contain typographical or other errors, or will meet your specific requirements. As such, Infor does not assume and hereby disclaims all liability, consequential or otherwise, for any loss or damage to any person or entity which is caused by or relates to errors or omissions in this publication (including any supplementary information), whether such errors or omissions result from negligence, accident or any other cause.

Without limitation, U.S. export control laws and other applicable export and import laws govern your use of this material and you will neither export or re-export, directly or indirectly, this material nor any related materials or supplemental information in violation of such laws, or use such materials for any purpose prohibited by such laws.

Trademark Acknowledgements

The word and design marks set forth herein are trademarks and/or registered trademarks of Infor and/or related affiliates and subsidiaries. All rights reserved. All other company, product, trade or service names referenced may be registered trademarks or trademarks of their respective owners.

Publication Information

Release: Infor LX 8.4.x; LX 8.3.5; Infor System i Workspace Anywhere

Publication date: March 2, 2026

Contents

About this guide	5
Intended audience	5
Related documents.....	5
Contacting Infor.....	5
Chapter 1 Requirements	6
Required products	6
Required information	6
Chapter 2 Configuration checklist	8
Chapter 3 Configuration overview	9
Integration of LX with Infor System i Workspace Anywhere	9
IDF objects capable of launching WebTop screens	10
Chapter 4 Configuring your web browser	14
Allowing popups for browsers.....	14
Chapter 5 Configuring security	15
Setting up your application to use Single Sign-On (Infor System i Workspace).....	15
Chapter 6 Configure LX environment in System i Workspace	16
Configure Secure Net-Link	16
Configure SiW.....	16
Allow cross-domain cookies	18
Managing Global User Information (File ERPUSR).....	19
Exporting LX configuration data	19
Preparing for the export	20
Running the export.....	21
Exporting IDF configuration data.....	22
Environment codes.....	22

Export public metadata from IDF to SiM/SiW	23
Adjusting the metadata in SiM	24
Uploading configuration data to SiW	24
Testing	25
Appendix A Troubleshooting	26
LX screens targeted for SiW emulator not displayed	26

About this guide

This guide provides information for the configuration and implementation of LX with Infor System i Workspace Anywhere. Use this guide when LX is not being deployed in Infor OS.

When deploying LX and System i Workspace Anywhere within Infor OS, see the *Infor LX Extension x.x Configuration Guide for Infor Operating service* on docs.infor.com.

Intended audience

This guide is intended for the system administrator or consultant who configures LX for use with Infor System i Workspace Anywhere.

Related documents

You can find the documents at <https://docs.infor.com>, as described in "Contacting Infor" below.

Contacting Infor

If you have questions about Infor products, go to Infor Concierge at <https://concierge.infor.com/> and create a support incident.

The latest documentation is available at Infor Documentation Central <https://docs.infor.com>. We recommend that you check this portal periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1 Requirements

Ensure that all requirements are met.

Required products

Ensure that you have installed and configured these products:

- LX 8.3.5 or later
- LX WebTop 4.8 or later
- LX IDF 06.10.83 or 06.10.84

Required information

Obtain this information before you begin the integration:

- Name of the IBMi on which LX is installed.
- User ID and password on IBMi server on which LX is installed with supplemental group profile AULSECOFR and authority to program SYS075 for performing export from LX to System Manager (SiM) and System i Workspace (SiW). See the *LX 8.4.1 or later Security Management Guide*.
- Names of LX environment control library (example: ERPLXEC) and LX data files library (example: ERPLXF)
- WebTop information.
 - Name of the server on which WebTop is installed in WebSphere.
 - WebTop Socket Server Port that connects WebTop to LX, started by the STRSSRV command (example: 5926). This port cannot be used for any other purpose. The IBMi netstat command can be used to help identify an available port.
 - WebTop environment code for this LX instance. Found in the WEB_ENV file in the LX License Library.
 - WebTop logon URL (use the version that ends in .jsp not the version that ends in .htm).
- IDF information.

- Net-Link logon URL.
- IDF environment code for this LX environment.

Chapter 2 Configuration checklist

Follow this checklist to integrate this product with Infor System i Workspace Anywhere:

Complete	Task	Reference
<input type="checkbox"/>	Configure security: Configure single-sign-on for System i Workspace	“Configuring security” on page 15 <i>LX 8.4.1 or later Security Management Guide</i> <i>System i Workspace Anywhere - Installation and Administration Guide</i>

Chapter 3 Configuration overview

Before you complete the configuration tasks, you must understand how this product is used with Infor System i Workspace Anywhere. You must also be familiar with the related concepts and definitions.

Integration of LX with Infor System i Workspace Anywhere

With this integration, the user interface of LX is available within Infor System i Workspace Anywhere. The user interface includes these components:

- All LX screens that are available through WebTop
- All LX IDF objects and System i Common IDF applications that are available in System i Workspace

SiW receives information about LX from System i System Manager (SiM). As part of the configuration, LX tasks, menus, and users are exported to SiM.

SiW also offers a 5250 emulator that allows display of 5250 screens (aka green screens) that are not available in WebTop, such as custom screens, but have been added to one of the LX menus accessible from parent menu ERPLX. For more information about this emulator, see *KB2115722*. The following LX programs are displayed on LX menus but are currently unavailable in WebTop and, although they are not delivered for accessibility via SiW emulator, they can have their "Display in SiW Emulator" flag set in SYS625 to make them accessible via SiW emulator.

- DOC110B1 Print document index
- DOC120C Add a document
- DOC130C Change a document
- DOC140C Delete a document
- DOC220C Print document as entered
- DOC230C Print final document
- DOC500C Create panel groups
- DOC507C Rebuild document index
- ENDLXA End LX SOA Adapter (LX Extension)
- ENDLXC End LX Connector
- STRLXA Start LX SOA Adapter (LX Extension)
- STRLXC Start LX Connector
- SYS708C Literal maintenance

- SYS9090D1 Work with spooled files

IDF objects capable of launching WebTop screens

Certain IDF Inquiry cards contain a customized “Change” icon that launches the corresponding maintenance screens in WebTop.

This table lists the objects in the LX IDF Views that provide access to a WebTop maintenance screen:

IDF task - action	LX program
Banks – Change	Bank Maintenance (ACP140D2)
Buyers – Change	Buyer/Planner Maintenance (INV111D2)
Companies – Change	Company Maintenance (ACR120D2)
Containers – Change	Container Master Maintenance (API140D)
Customer Orders – Change	Order Maintenance (ORD700D2)
Customer Order Lines (list) – Change	Order Entry Maintenance (ORD700D2)
Customer Order Lines (single line) – Change	Line Financial Detail (ORD700D3)
Customer – Language Override Change	Customer Master Language Override (ACR101D1)
Customer – Language Override Display	Customer Master Language Override (ACR101D1)
Customer – Notes Maintenance	Note Mode Selection (SYS255D)
Customer – Packaging Inquiry	Packaging Maintenance (OLM600D1)
Customer – Vendor Classes Display	Customer/Vendor Class Xref Maintenance (ACR180D1)
Customer – Vendor Classes Maintenance	Customer/Vendor Class Xref Maintenance (ACR180D1)
Customer Order – Copy	Customer Order Maintenance (ORD700D2)
Customer Order – Create	Customer Order Maintenance (ORD700D4)
Customer Order – Delete	Customer Order Maintenance (ORD700D1)
Enterprise Item – Additional Hazard Codes Display	Additional Item/Hazard Code Maintenance (WHM154D1)
Enterprise Item – Additional Hazard Codes Maintenance	Additional Item/Hazard Code Maintenance (WHM154D1)
Enterprise Item – Configuration Code Maintenance	Configuration Definition (CFG572D)

IDF task - action	LX program
Enterprise Item – Language Override Change	Item Language Override (INV118D1)
Enterprise Item – Language Override Display	Item Language Override (INV118D1)
Enterprise Item – List Price Display	List Price Maintenance (MLT100D1)
Enterprise Item – List Price Maintenance	List Price Maintenance (MLT100D1)
Enterprise Item – Mode/Hazard Code Display	Item to Mode/Hazardous Code (OLM196D)
Enterprise Item – Mode/Hazard Code Change	Item to Mode/Hazardous Code (OLM196D)
Enterprise Item – Notes Display	Note Mode Selection (SYS255D)
Enterprise Item – Notes Maintenance	Note Mode Selection (SYS255D)
Facilities – Change	Facility Code Maintenance (SYS190D2)
Facility Item – Item Facility Quality	Item/Facility Quality Selection (SFC121D1)
Facility Item – Item Vendor Quality	Item/Vendor Quality Selection (PUR120D1)
Facility Work Centers – Change	Work Center Maintenance (CAP100D2)
Flow Orders – Change	Flow Order Production Listing (JIT541D)
Ledger Books – Change	Book Definition (CEA105D3)
Manufacturing Bills of Material – Change	B.O.M-FORMULA-RECIPE Maint. Single Level (BOM500D2)
Manufacturing Bill of Material Components – Change	B.O.M-FORMULA-RECIPE Component Detail (BOM500D3)
Order Allocations – Change	Customer Order Allocation Detail (ORD720D2)
Order Hold Audit – Customer Order Maintenance	Customer Order Maintenance (ORD700D1)
Order Hold Audit – Order Hold Manual Release	Order Hold Manual Release (ORD580D2)
Planners – Change	Buyer/Planner Maintenance (INV111D2)
Planning Bills of Material – Change	Planning Bill of Material Maintenance (BOM600D2)
Purchase Commodities – Change	Commodity Code Maintenance (PUR180)
Purchase Orders – Change	Purchase Order Header Maintenance (PUR500D3)
Purchase Order Lines – Change	Purchase Order Lines Maintenance (PUR500D3)
Purchase Requisitions – Change	Requisition Header Maintenance (PUR500D3)

Troubleshooting

IDF task - action	LX program
Purchase Requisition Lines – Change	Requisition Lines Maintenance (PUR500D3)
Quote – Change	Quote Maintenance (ORD700D2)
Quote – Copy	Quote Maintenance (ORD700D2)
Quote – Create	Quote Maintenance (ORD700D4)
Quote – Delete	Quote Maintenance (ORD700D1)
Quote – Notes Maintenance	Note Mode Selection (SYS255D)
Quote – Ship To Customer Notes	Note Mode Selection (SYS255D)
Quote – Sold To Customer Notes	Note Mode Selection (SYS255D)
Quote Line – Change	Quote Maintenance (ORD700D2)
Quote Line – Notes Maintenance	Note Mode Selection (SYS255D)
Quote Special Line – Notes Maintenance	Note Mode Selection (SYS255D)
Receivable Documents – Change	Invoice Maintenance (ACR510D)
RMA – Change	RMA Maintenance (ORD700D2)
RMA – Copy	RMA Maintenance (ORD700D2)
RMA – Create	RMA Maintenance (ORD700D4)
RMA – Delete	RMA Maintenance (ORD700D1)
RMA – Notes Maintenance	Note Mode Selection (SYS255D)
RMA – Ship To Customer Notes	Note Mode Selection (SYS255D)
RMA – Sold To Customer Notes	Note Mode Selection (SYS255D)
RMA Line – Change	RMA Maintenance (ORD700D2)
RMA Line – Notes Maintenance	Note Mode Selection (SYS255D)
RMA Special Line – Notes Maintenance	Note Mode Selection (SYS255D)
Routings – Change	Routing Selection (SFC100D2)
Routing Operations – Change	Routing Maintenance (SFC100D2)
Sales Representatives – Change	Salesperson Master Maintenance (SAL100D2)
Shop Orders – Change	Shop Order Header Maintenance (SFC500D2)
Shop Order Lines – Change	Shop Order Material Detail Lines (SFC500D3)
Shop Order Operations – Change	Shop Order Operation Detail Lines (SFC500D3)
Vendor Contracts – Change	Contract Maintenance (PUR151D)
Vendor Contract Items – Change	Contract Detail Maintenance (PUR152D)

IDF task - action	LX program
Vendor Invoices – Change	Invoice Maintenance (ACP510D)
Vendor – Language Override Change	Vendor Master Language Override (ACP110D1)
Vendor – Language Override Display	Vendor Master Language Override (ACP110D1)
Vendor – Packaging Inquiry	Packaging Master Maintenance (OLM600D1)
Vendor – Vendor Classes Display	Vendor/Vendor Class Xref Maintenance (ACP178D1)
Vendor – Vendor Classes Maintenance	Vendor/Vendor Class Xref Maintenance (ACP178D1)
Vendor – Vendor Notes Display	Note Mode Selection (SYS255D)
Vendor – Vendor Notes Maintenance	Note Mode Selection (SYS255D)
Vendor Quotes – Change	Vendor Quote Maintenance (PUR150D2)
Warehouses – Change	Warehouse Master Maintenance (INV110D2)
Warehouse Locations – Change	Warehouse Location Maintenance (INV170D2)
Work Center Shifts – Change	Work Center Maintenance (CAP100D2)

Chapter 4 Configuring your web browser

Configure your browser for use with Infor System i Workspace Anywhere.

Allowing popups for browsers

Ensure that web browsers allow pop-ups. If pop-ups are disabled, the LX help will not work properly.

Chapter 5 Configuring security

Single Sign-On allows users to use one set of credentials to log into all Infor applications.

LX can use Single Sign-On in Infor System i Anywhere through Microsoft Active Directory (AD), Kerberos and IBM i Enterprise Identity Manager (EIM).

Setting up your application to use Single Sign-On (Infor System i Workspace)

LX has two primary user interfaces: WebTop and IDF. These user interfaces of LX are displayed directly within Infor System i Workspace (SiW). Therefore, it is only necessary to configure Single Sign-On for SiW and unnecessary to configure Single Sign-On separately for WebTop and IDF.

See the *System i Workspace Anywhere - Installation & Admin Guide* for more information about configuring Single Sign-On for SiW.

- .

Chapter 6 Configure LX environment in System i Workspace

Configure Secure Net-Link

Infor OS Portal and Infor LTR require that applications use HTTPS connections. A secure Net-Link connection is achieved through use of a NetLink.war file. The WAR file should be deployed on the SiW Anywhere server such that it shares the HTTPS port with SiW. See the *Infor IDF Setup Guide for Secure Net-Link* for installation and configuration instructions.

Configure SiW

To configure SiW AnyWhere, use the admin.html file and then select Workspace Configuration. See the *System i Workspace Anywhere - Installation & Admin Guide*. Then follow these instructions:

Click the **Locales tab**, define and select for expanding locales for all languages used in LX.

A.For each language, specify a Language ISO code matching the 2-character code value in the ZISP file for that language. Note that data in the ZISP file is delivered as priming data and that a maintenance program is not provided.

B.For example, if defining Japanese as a supported language, ensure that the Language ISO code is set to ja.

Note: While LX can display screens with literals translated into each supported language, see the *Infor LX National Language Versions Installation Guide*, SiW does not have literals available in Brazilian Portuguese. Users using Brazilian Portuguese will see LX WebTop and IDF screen literals in Brazilian Portuguese but will see SiW literals in English.

Click the **Database Connection** tab, create a database connection for each IBMi server with an LX environment that you intend to display in System i Workspace. The IBMi URL must match the TCP/IP configuration of the IBMi (Command CFGTCP option 12). Add Language code / Locale combinations defined in the Locales tab.

A.Automatic Refresh Interval allows specifying a number of minutes to elapse before SiW will automatically attempt to retrieve revised authorizations from SiM for users that SiW knows about.

B. Schedule Full Refresh allows scheduling a daily or weekly time for SiW to automatically attempt to retrieve from SiM all newly defined users in addition to all revised authorizations.

Click the **Configurations** tab, for each SQL Pool Connection add all locales defined in the Locales tab.

On the **WebTop** tab, add a configuration for each WebTop environment. Specify the URL for the WebTop logon screen. Each URL must have a unique server/port. The URL should not use hard-coded IP addresses. Use the URL version that ends in .jsp, not the version that ends in .htm or .html. See [https://\[webtopserver\].\[domain\]:\[port\]/inabler/web/httproot/SysCommands/Profile/Login.jsp](https://[webtopserver].[domain]:[port]/inabler/web/httproot/SysCommands/Profile/Login.jsp) Specify the value for “Allow Popup Windows” for this WebTop environment.

A. Disabled means that each LX WebTop program selected from the SiW menu opens a new SiW tab within Infor OS Portal or Infor LTR.

B. Enabled means that in addition to the ability to open each LX WebTop program as a new SiW tab, you can right-click an LX WebTop program option in the SiW menu and then select “Open in Popup Window” to launch the LX WebTop program in a new browser window outside of Infor OS Portal or Infor LTR.

Click the **Net-Link** tab.

A. Click **Add New Configuration** once for each IDF environment.

B. Specify the URL for the Net-Link logon screen, including the 2-character IDF environment code. The URL should not use hard-coded IP addresses. For example:
https://[server].[domain]:[port]/NetLink/XX (where XX is the 2-character IDF environment code).

C. Specify the value for “Allow Popup Windows” for this IDF environment.

- i) Disabled means that each IDF business object selected from the SiW menu opens a new SiW tab within Infor OS Portal or Infor LTR.
- ii) Enabled means that in addition to the ability to open each IDF business object as a new SiW tab, you can right-click an IDF business object in the SiW menu and then select “Open in Popup Window” to launch the IDF business object in a new browser window outside of Infor OS Portal or Infor LTR.

Click the **Profiles** tab.

A. Click **Add New Profile**.

B. Specify this information:

Description

The description that you enter will be displayed in the SiW log-on screen.

Profile ID

Specify the chosen tenant ID for this LX instance. A matching value will be entered as part of the Infor OS Portal or Infor LTR deployment for this LX instance. We recommend that you specify **infor**.

SQL Pool Connection

Select the appropriate database connection for the System i server.

Companies

Specify **00** to represent all LX companies.

- For SiW Anywhere, the **Companies** section of this profile includes a drop-down combo box labelled **Company Options/Values** with 2 options: **Show** and **Hide**. Because the actual LX company values are not exposed to SiW features, Infor recommends selecting **Hide**.

Environments

Specify the three-character WebTop environment code as defined in INFORLIC84/WEB_ENV. Do not add other environment codes. Make sure that you do not type a trailing blank space as the fourth character.

Infor Application

Select an Infor LX 8.4.x version from the list, to match your installed version of LX.

Default Locale

Specify the default value from the list

Configuration

Select the name that you defined on the Configurations tab for this LX environment.

WebTop Settings

Select the WebTop configuration that you defined on the WebTop tab for this LX environment.

IDF Settings

Select the Net-Link configuration that you defined on the Net-Link tab for this LX environment. Set Single Company View to Disabled.

System i Workspace Favorites

To enable or disable the SiW favorites capability, specify either Enabled or Disabled.

For information available on the **Profile** tab, see the *System i Workspace Anywhere - Installation & Admin Guide*.

C. Repeat Steps **a** and **b** for each LX environment.

Allow cross-domain cookies

Due to browser security restrictions, cookies set within iframes are being treated as third-party cookies, which interferes with proper functioning of SiW when multiple domains are involved. To overcome this issue, enable the SameSite Cookie flag which alters how browsers treat these cookies. See [KB2199906](#). Add the below entries to HTTP config for SiW, Webtop, and Net-Link:

```
Header always edit Set-Cookie "^(?!.*(s+|;)(?)SameSite=)(.*)"$0; SameSite=None; Secure"
env=!SAMESITE_SKIP
```

```
Header onsuccess edit Set-Cookie "^(?!.*(s+|;)(?)SameSite=)(.*)"$0; SameSite=None;
Secure" env=!SAMESITE_SKIP
```

```
Header always edit Set-Cookie "(.*(\\s+|;)(?i)Secure(\\s+|;).*) Secure$" "$1"
env=!SAMESITE_SKIP
```

```
Header onsuccess edit Set-Cookie "(.*(\\s+|;)(?i)Secure(\\s+|;).*) Secure$" "$1"
env=!SAMESITE_SKIP
```

Managing Global User Information (File ERPUSR)

The **ERPUSR** file is delivered to library **QGPL**. It contains global user data (e.g., names and email addresses) that is not specific to a single LX environment, allowing it to be shared across multiple environments. KB3631869 may contain additional information that may be helpful.

Deployment with Infor OS

If you are deploying LX within Infor OS, refer to the *Infor LX Extension 3.0 Configuration Guide for Infor Operating Service* for details on configuring ERPUSR with Infor OS tenants.

Deployment with SIW (Without Infor OS)

If you are using SIW without Infor OS, choose one of the following configuration options:

- **Single LX Environment:** You may move **ERPUSR** to the LX database library. Note that the SQL view **ZXUVA9** must then be rebuilt.
- **Multiple LX Environments:** You may move **ERPUSR** to a shared library. This library must be added to the **INLIBL** data area for every LX environment. Additionally, the SQL view **ZXUVA9** must then be rebuilt in every LX database library.

Exporting LX configuration data

Complete these tasks to export configuration data from LX to SiM.

SiM and SiW retain lists of LX environments, the menus that are available within each environment, and the users authorized to each menu in each environment. To create these lists, export environments, menus, and users from your LX environments to SiM and SiW.

Caution: Menu options beyond option number 99 are not supported in SiM and SiW, therefore, any menu options in LX beyond option number 99 are not exported.

After you complete the installation of all required software, including the MRs, export the LX environment configuration. The export program SiW Configuration Export Selection (SYS075D1) sends this information for the LX environment control library:

- Environment code – This code is retrieved from the WEB_ENV file in the LX license library INFORLIC84 that is used by WebTop.
- Application release – This value refers to the LX version as defined in the SYSRLSMOD data area.
- Library list – The library list is retrieved from the INLIBL data area.

- Company – The value 00 is exported to represent all LX companies.
- Menu objects – The menu objects for the System ID and version, as defined in the ZXOP file, are exported.
 - Task code from the ZXXP extension file becomes the SiM/SiW task code. Infor reserves task codes 0001 through 4999. Task codes 5000 through 9999 are available for custom programs available as menu options.
 - Flag “Display in SiW Emulator” from the ZXXP extension file determines the task type in SiM/SiW.
 - Value ‘1’ becomes task type ‘A’, telling SiW to display using Emulator.
 - Value ‘0’ becomes task type ‘8’, telling SiW to display using WebTop.
- Menus – The menus and menu descriptions, as defined in the ZMMP and ZMOP files, are retrieved and exported.
- Users – Users and user authorities, as defined in the ZXUP and ZMAP files, are retrieved and exported.

You must export the environment, application, library list, and company. This data is exported each time that you run the export program.

Caution: The first time that you run the export, we recommend that you export all data, without subsets, and that you select menu objects, menus, and users to run all the jobs. Run the job interactively so that the jobs are processed in the correct sequence. Submit the jobs to batch if the LX job queue is single-threaded so that the jobs run serially.

Preparing for the export

Complete these tasks before you run the export job:

Manually insert the name of the SiM program manager library into your INLIBL data area and the initial library list portion of the standard LX job descriptions. Insert the default name AULAMP3 or your own value. If you have the LX tools library, then you can use the UPDUSRLIB command to simplify updating your INLIBL data area and the initial library list portion of the standard LX job descriptions.

If you run LX in multiple languages make sure that Outbound LX Language Code Values are set and that they match SiW Locales:

A.Access SYS127D.

B.On the SYS127D1-01 screen, use Action Code 12 to access ZLA file Outbound LX Values.

C.For each supported language, use Action Code 5 to display values or 2 to edit. Verify that the Outbound LX Values are cross-referenced to BOD values that match the SiW locales (as defined using the wsconfig.html tool or the admin.html tool on its Locales tab). For example, if the language code in the ZLA file for U.S. English is ENU, it should be cross-referenced to en-US using SYS127D1 and an SiW locale should be created with Language Code=en and Country Code=US.

If the export from LX to SiM was previously executed before MR 77452 was available, then perform the following steps before continuing with Running the export:

- A. Sign on with a user profile that is authorized to SiM and has either group profile or a supplemental group profile of AULSECOFR.
- B. Access SiM Application Manager by executing STRIPGAM command in the SiM program manager library (typically AULAMP3). If the SiM program manager library has already been added to the LX library list, sign on to LX and access a command line to execute command STRIPGAM.
- C. Use Option 2 to maintain applications.
- D. Specify the application (LX environment) that is being upgraded.
- E. Use **F11** to delete it.

Running the export

To export the environment configuration data:

Log on to the system with a user ID that is authorized to SYS075.

Access SiW Configuration Export Selection, SYS075D1.

The Environment entity is always selected and you cannot deselect it. The environment information is exported every time that you run the program. Export the menu objects, menus, and users in the sequence listed on the screen. The first time that you run the export, we recommend that you export all data; do not subset.

Menu Objects/Programs = Specify 11=Select to export menu objects. If you do not subset the selection, all records that represent programs available to appear on a menu are exported. These records are in the ZXOP and ZXXP files.

Menus = Specify 11=Select to export menus and menu options. If you do not subset the selection, all records in the ZMMP and ZMOP files are exported.

Users = Specify 11=Select to export users and user authorizations. If you do not subset the selection, all records in the ZXUP and ZMAP files are exported.

Note: Export of menus allows optionally pre-deleting from SiM all menu options for a menu being exported. Because the export finds matching menu options in SiM for update or missing menu options in SiM for addition, based on previous export, any menu options that were deleted in LX may become orphans (leftovers) in SiM because they are gone from LX and unavailable for passing to SiM as options currently on the menu in LX. In this situation, the option to start by deleting from SiM all menu options for a menu being exported (pre-delete), ensures that the export of the menu will add (in SiM) all the current options, without any orphans.

Note: Any time you export a menu, including all its options, you must re-export all users authorized to any option on that menu, so that SiM can properly re-establish the user's authorization to the menu options.

Specify 1 in the Subset field to enter a range of records. The first time that you run the export, do not subset your selections and do not select pre-delete.

After you make your selections, press F16=Run Interactive or F18=Run in Batch. If you are sub-setting your selections the job does not run until you accept the subset requirements.

To subset menu objects, specify a range of menu objects on the SYS075D1-07 screen.

Press **F6** to submit the job. If F16 was pressed on SYS075D1-01, the menu objects are exported to SiM interactively. If F18 was pressed on SYS075D1-01, a batch job is submitted for exporting menu objects to SiM.

To subset menus, specify a range of menus on the SYS075D1-08 screen.

Press **F6** to submit the job. If F16 was pressed on SYS075D1-01, the menus and menu options are exported to SiM interactively. If F18 was pressed on SYS075D1-01, a batch job is submitted for exporting menus and menu options to SiM.

To subset users, specify a range of users on the SYS075D1-09 screen.

Press **F6** to submit the job. If F16 was pressed on SYS075D1-01, the users and user authorizations are exported to SiM interactively. If F18 was pressed on SYS075D1-01, a batch job is submitted for exporting users and user authorizations to SiM.

After running the initial export, future changes to user authorizations can be automatically exported to SiM from security maintenance transactions in SYS600.

Exporting IDF configuration data

Set up and configure the IDF Net-Link user interface within SiW. Integrating Net-Link and SiW includes these steps:

- Review the use of environment codes
- Export metadata, that is, tasks, menus, and users from IDF to SiM
- Check that the data is available in SiM
- Upload the data from SiM to SiW

Environment codes

IDF uses two-character environment codes in which the two characters signify the programs and files libraries of the environment. For example, environment code XY signifies that the programs library is AMALIBX and the files library is AMFLIBY.

SiW uses the three-character WebTop environment code from the WEB_ENV file in the LX license library INFORLIC84.

Note: If multiple environments of LX 8.4.x are installed on an IBMi, the WEB_ENV file in the LX license library INFORLIC84 will contain one record for each LX 8.4.x environment, but the three-character WebTop environment codes must be unique. If any environments of LX 8.3.x are installed on the same IBMi, the WEB_ENV file in the LX license library SSAGTLIC83 will contain one record for each LX 8.3.x environment, but the three-character WebTop environment codes must be unique. Any one three-character WebTop environment code may not exist in both the SSAGTLIC83/WEB_ENV and INFORLIC84/WEB_ENV files.

Export public metadata from IDF to SiM/SiW

Metadata is data that describes data. The IDF metadata is the data that describes the objects available in IDF and how they are arranged into card files and cards. The SiM/SiW metadata describes the tasks available in SiM/SiW and how the tasks are grouped into menus.

The two interfaces use different terminology and different styles for presenting the application processes available to a user. The export process maps the IDF metadata to SiM/SiW.

Use IDF (Power-Link or Net-Link) to invoke the export process.

This job exports the metadata for public card files and cards and the objects that they use. The job ignores any private card files, as well as cards for the user who runs the job. It includes user-defined card files, cards, and objects if they are public.

To export private card files and cards as well as public ones, it is not necessary to run this job. The export private metadata job includes the public card files and cards. It is safe to rerun this job if card files or cards have been added or changed. You should include users when rerunning or menu authority may be lost.

As well as exporting tasks and menus to represent the IDF card files, cards, and objects; this job also exports definitions for the environment, applications, library lists, companies, and users.

A. Log on to IDF (Power-Link or Net-Link) with a user ID that has supplemental group authority AULSECOFR on the System i.

B. Click menu **Integrator** > sub-menu **Integrator** and open the **Business Objects** object or click menu **Environment** > sub-menu **Settings** and open the **User Profiles** object.

C. Select **File** > **Host Jobs**. Do not select the **Export ...** option.

D. On the **Host Jobs** window, select the **Export public metadata to Workspace** tab.

E. Select the **Execute** check box.

F. Specify this information:

Description = Specify a description of the export job.

Top level menu and menu name prefix = Type IDF. All the generated SiW menu codes start with this prefix. The prefix is also used as the code of a top-level menu that can access all the other generated menus.

Top level menu description = Type IDF.

Selecting Yes or No options

G. Specify options for exporting the metadata:

Click Yes for the Include Users option

If you do not include users, you will need to run the export again later and include the users or create them manually in SiM. If the export may export new menus or menu options then you should select Yes to include users. Otherwise, authority to the menus and options will not be set in SiM/SiW.

If running the export for additional languages and no users have been created or changed, select No.

H. Click No for the Set User Attributes option

This controls whether the user export will overwrite attributes of existing users. If it is set to No, the export will ensure that the user exists but if it does then it will not be changed. If it is set to Yes then the export will overwrite some parameters such as the initial menu. If the user does not exist, it will be created and its attributes set regardless of this option. If you have already exported LX menus using SYS075, each user should have ERPLX as their initial menu and setting this option to Yes would overwrite each user to have IDF as their initial menu, thus losing access to all the WebTop program menu options.

I. Click Yes for the Replace menus option

Click **Yes** to replace and delete any previous version of the menu and a new version will be exported. Not replacing means that any existing version will be updated and added to but obsolete options will not be removed. The choice is only important if some options need to be removed. Options may need to be removed if you have removed objects from cards in IDF or removed some cards from tabbed cards or card files. If some of these removals have occurred, you should select replace menus or the options might remain on the menus in SiM/SiW. If you are using translations, you will need to re-export them.

J. Specify a language.

You may choose to export translated card file, card, and object descriptions to SiM/SiW. A maximum of five languages may be exported in one run. If you need more than this, you may run the export again with additional languages. If you are running the export again to add languages, you must specify No for the Replace menus option or the previous translations will be lost.

K. Click Submit.

Although presented as a host job, this job runs immediately on the client. As a result, it may take a few minutes to respond. Exactly how long will depend on how many objects, card files, cards, and users you have as well the speed of your connection to the IBMi.

Adjusting the metadata in SiM

The exported tasks should not require modification except possibly for changes to the descriptions. Note that if you change the descriptions, the next job to export tasks will overwrite your changes. Use SiM tools to make the changes to tasks.

You can modify the exported menus but, again, any changes may be lost if the menus were exported again. You can create new menus using exported options. These menus could be based on existing menus or new menus can be created.

Uploading configuration data to SiW

After you run the jobs to export the LX and the IDF tasks, menus, and users to SiM, upload the data from SiM to SiW. If Automatic Refresh Interval is set in the Database Connections menu, after the

specified number of minutes, data from SiM is uploaded to SiW for existing users in SiW. If Schedule Full Refresh is set, on the specified day (or daily) at the specified time, data from SiM is uploaded to SiW for all users including new users. To perform the upload manually at any time, use the admin utility. Expand Application Manager and select Update Definitions. See the SiW documentation for information about the appropriate utility for the installed version of SiW.

Note: to access admin.html (for SiW AnyWhere) in a cloud environment, first access LX within Infor OS Portal or Infor LTR, then open a new tab in that same browser and execute the SiW URL in that new tab.

Testing

Test both the WebTop menus and screens and the IDF menus and screens.

If you used the Set Initial Menu option when exporting users then you should be able to use one of the exported users for testing. If you did not use this option then go to user maintenance and ensure that your test user can access the top-level menu or one of the other exported menus.

Ensure that your SiW cache has been updated because the tasks, menus, and users were exported.

Ensure that the IDF environment and the Net-Link processes are started. Log on to SiW to see the IDF menus.

Appendix A Troubleshooting

This section describes actions that you can perform to solve Infor System i Workspace issues.

LX screens targeted for SiW emulator not displayed

Cause: User's IBMi profile has limited capabilities.

Solution: Change IBMi user profile to LMTCPB(*NO).