



Infor XA R9.2.2 Service Pack Apply Instructions

SH16211

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About this guide

This document provides an overview on applying Infor XA release 9.2.2 Service Pack SH16211. See the XA documentation on Infor Support Portal and XA help text for detailed instructions to use this service pack.

Intended audience

This guide is intended for the system administrator or consultant who installs or updates Infor XA release 9.2.2 Service Pack SH16211 and XA users who use the new updates.

Contacting Infor

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If we update this document after the product release, we will post the new version on the Infor Support Portal. To access documentation, select **Search > Browse Documentation**. We recommend that you check this portal periodically for updated documentation.

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Apply Instructions for Infor XA R9.2.2 Service Pack

The instructions in this document explain how to apply Infor XA release 9.2.2 Service Pack SH16211. This document will be updated periodically, be sure you have the latest version of these instructions before proceeding.

An XA environment must be at PTF level 22450 (9.2.1.2) before updating it with Service Pack SH16211. You must apply the steps in this document in order:

- Service Pack for Infor XA R9.2.2 SH16211 – available on the [Software Download Center](#)

This Service Pack will update the server for XA business environments to PTF level 25000.

- On the Infor ERP XA R9 product information page of the Software Download Center, locate the Service Pack in the list:

SBCS

Service Pack for Infor XA - SBCS - R9.2.2 - SH16211 - PTF 25000 (Objects only) - Upgrades R9.2 EP 1, SP2 to R9.2 EP2

DBCS

Service Pack for Infor XA - DBCS – R9.2.2 - SH16211 - PTF 25000 (Objects only) - Upgrades R9.2 EP 1, SP2 to R9.2 EP2

See the [Service Pack apply instructions](#) for detailed apply instructions.

What you should know

Consider this information as part of your planning for the Service Pack:

- Infor XA Environment Availability
 - Dedicated mode is **NOT** required to update the Common libraries (AMCESLIB and AMCESSQL) when this service pack is applied to these libraries using the APPLYSHPKG command, while specifying 'Y' to the Apply Common Library PTFs option.
 - Dedicated mode **IS** required to update the libraries for an environment (AMALIB, AMFLIB, AMTLIB, AMXLIB) when this service pack is applied to an environment using the APPLYSHPKG command, while specifying 'Y' to the Apply Environment PTFs option..

This Service Pack has these 2 volumes:

- SH16211
 - Contains the accumulation of PTFs which update the common and environment libraries.
 - Available to all customers who have a license for Infor XA
- SH16212
 - Contains the source for the modified objects delivered with this Service Pack
 - Available only to those customers who have a license for Infor XA source code

See [Infor XA Source Code Availability \(SH15623\)](#) for more information about the availability of source code.
- Client code level

It is recommended that you update your client application code level to 02.09.02.02.15 via the download SH16194 to gain maximum benefit of all fixes and enhancements included in this release.

- iASP installation
If your XA environment is installed in an iASP, you must create the “TEST” library in the same iASP.
- XA Migration Tool
Currently, the Migration Tool SH16110 is **NOT** compatible with this Service Pack level.
- XA Translation Requirements
Translated environments require translation updates for this Service Pack; refer to [SH94330](#) for the availability of translation updates for this Service Pack for all languages installed in the environment. Applying the Service Pack to a translated environment without the translation updates may cause significant issues in the operation of XA. If there is not a corresponding translation update for this Service Pack, then do not apply this Service Pack.

If there is a corresponding translation update for this Service Pack, then download and apply it after applying this Service Pack.
- PTF level of delivered objects
After this Service Pack has been applied to your environments, some objects may display a PTF number that is higher than the PTF level of this Service Pack. There may have been PTFs (which have a higher PTF level) included that were found to be needed to apply the Service Pack correctly.
- PTFs may be reapplied
Some PTFs may be reapplied because the PTF may have been updated since it was first shipped. The reapply of the PTF will make sure that you have the latest level of objects.
- Operating System levels
Refer to the Infor XA IDF Technical Planning Guide (SH14412) for information on the IBM i or Windows OS levels.

Using downloaded media

The Software Download Center site provides electronic disc images you can use to install or update Infor XA. Using publicly available software, you can burn the images to create install discs, or you can transfer the images to a computer and mount them as a virtual device. For information about how to use disc images, see [Using ISO CD Images](#) section on the Software Download Center.

You may want to consider using a download utility to reduce download times. One such tool is Download Manager (www.freedownloadmanager.org).

This document contains instructions for using ISO images on the System i and information about tools you can use on a Windows PC.

System i

These four steps explain how to load the release 9.2.2 Infor XA Service Pack - SH16211 as virtual media on your System i, transfer the media data to the virtual image catalog, and use the virtual image:

- [Step 1: Create the virtual device and catalog.](#)
- [Step 2: Copy the virtual images to the image catalog directory.](#)
- [Step 3: Add the virtual image to the image catalog.](#)
- [Step 4: Load the virtual images.](#)

Step 1: Create the virtual device and catalog.

- 1 Create a virtual device description, if it does not already exist.

```
CRTDEVOPT DEVD(OPTVRT01) RSRNAME(*VRT)
```

Note: A virtual device can be recognized by its device type 632B.

- 2 Vary on the device description, if necessary.

```
VRFCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON)
```

- 3 Create an image catalog and an IFS directory to store the images, if they do not already exist.

```
CRTIMGCLG IMGCLG(PCMS) DIR('/PCMimages') CRTDIR(*YES)
```

Note: If you already have an IFS directory where you will be storing the images, but want to create an image catalog using that directory, then use CRTDIR(*NO).

Step 2: Copy the virtual images to the image catalog directory.

After downloading the .iso image file from the Software Download Center, right click to rename the iso image as necessary to 'SH16211' without the '.iso' extension. Transfer it to the IFS folder where you have the image catalog entries stored. You can use Windows Explorer, iSeries Navigator, or ftp.

Example: This example assumes that the R9.2.2 Service Pack .iso image file has been downloaded on your local C:\ drive, and you want to transfer them to MYSYSTEMI, image catalog PCMS, IFS folder /PCMimages.

Using ftp from a command prompt, the prompt would look like this for customers:

```
- ftp mysystemi.mydomain.com    (You must log on)
- quote site namefmt 1
- bin
- cd /PCMimages
- lcd c:\
- put SH16211
- quit
```

Step 3: Add the virtual image to the image catalog.

After copying the .iso image files into the IFS directory, add the files to the image catalog:

```
ADDIMGCLGE IMGCLG(PCMS)
FROMFILE ('/PCMimages/SH16211')
TOFILE (*FROMFILE)
```

Step 4: Load the virtual images.

To use the virtual images, you need to mount each one as needed in the catalog and load the catalog in a virtual optical device.

- 1 Work with the image catalog.

```
WRKIMGCLG IMGCLG(PCMS)
```

- 2 Use option 12 (Work with Entries), then use options 6 (Mount) for the SH16211 entry.

Caution: DO NOT USE option 4 (Remove) unless you want to delete the catalog entry and the associated image.

- 3 Load the Service Pack image into the virtual optical drive.

```
LODIMGCLG IMGCLG(PCMS) DEV(OPTVRT01) OPTION(*LOAD)
```

Note: Alternatively, you can use WRKIMGCLG, specify option 8 (Load), and then enter the virtual optical device name.

- 4 Load the Service Pack image into QGPL

```
LODRUN DEV(OPTVRT01) DIR('/')
```

Note: If using a physical CD replace the content of the DEV parameter with the name of your Optical Device.

Service Pack apply instructions

These instructions for applying Service Pack SH16211 have three steps. **These steps must be performed in this order:**

- Step 1: Apply pre-requisite PTFs
- *: [SH16203 is required for DBCS Service Pack applications](#) only.
- Step 2: Apply the R9.2.2 Service Pack (SH16211)
- [Step 3: Apply post-requisite PTFs](#)

Step 1: Apply pre-requisite PTFs

- Download and apply this PTF:

SH number	PTF number	Description of PTF
SH16166	22450	R9.2.1.2 Service Pack
SH16203*	NA	Special download for DBCS in R9.2

*: SH16203 is required for DBCS Service Pack applications only.

Step 2: Apply the R9.2.2 Service Pack (SH16211)

Note:

- SH16211 does not require dedicated mode to apply objects to the Common Libraries. SH16211 does requires dedicated mode to apply objects to the Environment Libraries.
- This Service Pack updates objects in the common and environment libraries. The command to update the environment libraries needs to be run for each of the shared environments
- The user profile being used must have the special authorities *ALLOBJ, *SECADM, and *JOBCTL

- 1 Create a test library: "CRTLIB TEST".

Note: If your XA environment has been installed on an iASP, this test library must be created in the same IASP.

- 2 Sign on to Infor XA, menu AMZM00.
- 3 Select option 3 (Maintenance Change).
- 4 On menu AMZM30, select option 5 (Application Maintenance).
- 5 On menu AMZM35, select option 9 (Apply ECS PTF to Test Library).

```
At display AMZPCEA: ECS PTF NUMBER . . . . . SH16211
                   SAVED LIBRARY NAME . . . . . *DFT
                   LIBRARY CONTAINING PTF . . . QGPL
                   TEST LIBRARY . . . . . TEST
```

- 6 Specify this information on the XA menu command line to print a listing of PTFs contained in this download:

```
ADDLIBLE TEST
SHPKGLIST
```

Note: You must be authorized to issue commands from the IDF menu command line, via Security Maintenance.

7 Specify this information on the XA menu command line to apply the Service Pack

ADDLIBLE TEST

APPLYSHPKG (and press F4 to prompt for the parameters)

- a Specify 'Y' to the Apply Common Library PTF's to update the Common Libraries
- b Specify 'Y' to the Apply Environment PTF's to apply fixes to the Environment Libraries

8 Rename the test library for future investigation if needed (it contains the job logs of the apply) :

RMVLIBLE LIB(TEST)

RNMOBJ OBJ(TEST) OBJTYPE(*LIB) NEWOBJ(TSTSH16211)

CHGLIB LIB(TSTSH16211) TEXT('SH16211 Test Library')

9 Sign out of Infor XA and the iSeries session.

Step 3: Apply post-requisite PTFs

[91](#) Download and apply these PTFs:

SH number	PTF number	Description of PTF
SH68793	25116	Master Calendar maintenance in R9.2.2 loops on missing file YAEPREL3
SH68897	25145	Master calendar record maintenance in production environment (OBPM) going into error/infinite looping in Non-IFM environment
SH69851	25312	System-Link request XA_Replicate_Site has been modified with valid value for financial division ID
SH72876	25806	Correction to publish of XA_Replicate_ManufacturingOrder / XA_Replicate_ManufacturingOrder_BAMF

Notes: To apply the PTFs, see the instructions in the cover letter for the PTFs.

It is highly recommended that you use Product Updates to view PTFs that were released after the Service Pack level just installed. Other critical PTFs may need to be applied. Review the PTFs and apply as needed. If you are new to Product Updates, then refer to [SH15513](#) and [SH15710](#).

1 Please check for the existence of the logical file CTLM93L0 and logical view CTLM93V0 using the following commands.

CHKOBJ OBJ(**AMFLIBy**/CTLM93V0) OBJTYPE(*FILE)

CHKOBJ OBJ(**AMFLIBy**/CTLM93L0) OBJTYPE(*FILE)

Note: Replace '**AMFLIBy**' with the name of the AMFLIB associated with your environment.

If no message appears after processing each of these commands, the files are present and no further action is required. If you do receive a message indicating either one of these do not exist in the environment, please see KB 2220185 for steps on creating them.