



Infoprint Transform Manager for Linux: Release Notes

Version 1 Release 2



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Chapter 1. About this release

These release notes provide information for installing IBM® Infoprint® Transform Manager for Linux™, Version 1 Release 2 licensed product (Program Number 5639-P51), hereafter referred to as the Transform Manager.

This release of the Transform Manager includes these features:

- Support for the transformation of these data and image formats to Advanced Function Presentation™ (AFP™):
 - Printer Control Language (PCL) at PCL6
 - Adobe Portable Data Format (PDF) Version 1.5 or below
 - Adobe PostScript (PS) Level 3
 - Graphics interchange format (GIF)
 - Joint Photographic Experts Group (JPEG)
 - Tagged image file format (TIFF)
- Support for transform processing for remote print servers; Version 1.2 supports Infoprint Manager for AIX® Version 4.2, Infoprint Manager for Windows® Version 2.2, and Infoprint Server for z/OS Version V1R4 and higher. When you run Infoprint Server for z/OS Version V1R4 through V1R7, APAR OA13362 is required.
- Operation on a separate Linux workstation. Print servers can use multiple transform servers with load balancing. Each Linux workstation can run a single Transform Manager and can, in turn, serve multiple print servers.
- Administration of the Transform Manager through a user interface.
- Support for input files and output files greater than 2 gigabytes on AIX and Windows platforms.
- Support to install Transform Manager on an IBM eServer BladeCenter. A properly-configured IBM eServer BladeCenter can provide substantial additional transform processing power.

Chapter 2. Installation and configuration information

Preinstallation planning

Installation scenario

You should install the Transform Manager on a standalone Linux workstation. The Linux workstation does not store any user data other than transform requests currently being processed.

Recommendation: The Transform Manager currently has no access controls other than password authentication for the user interface; therefore, IBM recommends that you do not install the application on a public network.

Hardware requirements

IBM recommends you use an IBM xSeries[®] server that supports SUSE Linux Enterprise Server 9.0 for x86. The workstation requirements are:

- Intel[®] 32-bit platform
- Two 3.0 GHz or faster processors
- Minimum of 2 GB RAM
- CD-ROM drive

Software requirements

The Transform Manager requires this software:

- SUSE Linux Enterprise Server 9.0 for x86 with automount feature enabled
Installed on: Transform Manager workstation
- Infoprint Manager for AIX 4.2 with PTF U805636
Installed on: Print server workstation
- Infoprint Manager for Windows 2.2 with PTF UO00264
Installed on: Print server workstation
- Infoprint Server for z/OS Version V1R4 and higher. When you run Infoprint Server for z/OS Version V1R4 through V1R7, APAR OA13362 is required.
Installed on: z/OS system
- X Window System if you want to use the InstallShield MultiPlatform Wizard to install the Transform Manager (recommended)
Installed on: Transform Manager server

IBM recommends that the Linux workstation is dedicated to the Transform Manager and that you do not install any other software on it.

Optionally, to use the Transform Manager user interface and to view the product documentation, this software is required on the system you are using:

- Web browser:
 - Mozilla 1.4 or later (or equivalent) for Linux and AIX
 - Microsoft[®] Internet Explorer 5.5 or later for Windows
 - Home Page Reader 3.0 or later for Windows

- PDF viewer for viewing the publications compact disc (CD)

Acknowledgments

This software is partially based on the Independent JPEG Group's JPEG compression and decompression code.

Installation procedure

The recommended procedure for installing the Transform Manager is with the InstallShield Wizard; however, if you do not have the X Window System installed on your Linux workstation or if you do not have a graphics card that supports SUSE Linux Enterprise Server 9.0 for x86, you can install the Transform Manager from your Linux command line.

Installing the Transform Manager on xSeries servers

This topic describes the procedure for installing the Transform Manager on xSeries servers.

Make sure all required hardware and software is available (see System requirements for information).

Use the following procedure to install the Transform Manager on a Linux workstation with the InstallShield Wizard. If you have problems installing with the InstallShield Wizard, see the release notes file on the product CD for information about installing from the Linux command line.

1. Log in as a root (administrator) user.
2. Insert the product CD in the CD-ROM drive. Mount the CD if it does not mount automatically by specifying: **mount/media/cdrom**.
3. Select the **install.sh** file in the **/bin** directory. You see a product window with the copyright statement and then you see a welcome window.
4. Click **Next** on the Infoprint Transform Manager Welcome screen. You see a list of tasks.
5. Select **View the release notes** for information about installing the Transform Manager.
6. Select **Install Infoprint Transform Manager** and then click **Next**. The InstallShield Wizard steps you through the installation.
7. When you see the license screens, select the button next to **I accept the terms of the license agreement** and click **Next**.
8. In the Installation summary information window, click **Install**.
9. When asked to enter an administrator password for Infoprint Transform Manager, enter a password and click **Next**.
10. Click **Finish**. The installation summary includes information about accessing the user interface with a Web browser.

When the installation is complete, you must configure one or more print servers to communicate with the Transform Manager.

Keep in mind: If you install multiple, separately licensed Transform Manager systems, you can use the user interface from the first installation to add and manage the transform servers from the other installations.

Installing from the Linux command line

To install Transform Manager from the Linux command line, do these:

1. Make sure all required hardware and software is available.
2. Log in as a root (administrator) user.
3. Insert the product CD in the CD-ROM drive.
4. Enter this command from the CD directory:
`./setuplinux.bin -console`

If you see a list of supported languages, do this:

- a. Enter the option for the appropriate language. You see an X next to the selection.
- b. Enter **0**.
- c. Enter **1** to continue.

You see welcome information for the installation.

5. Enter **1** to continue. You see a list of tasks.
6. Enter the option for **Install Infoprint Transform Manager**. You see an X next to the selection.
7. Enter **0** and then enter **1**. You see the IBM license agreement.
8. Read the license agreement and then enter **1** to accept the agreement. You see an X next to the selection.
9. Enter **0** and then enter **1**. You see information that indicates where the Transform Manager will be installed on the workstation.
10. Read the summary information and then enter **1**. The installation begins and you see several bars that indicate the progress of the installation.
11. Enter **1** to continue. You see another progress bar.
12. When the installation completes successfully, you see the Web address for the Transform Manager user interface and directions for accessing the user interface on the Linux workstation. Record the Web address and then bookmark it in the Web browser you are using to access the user interface. For information about using the user interface, refer to the online help and *Infoprint Transform Manager for Linux*, S550-0391, on the publications CD, SK3T-9915.
The Infoprint Transform Manager program is added to the desktop start menu.
13. Enter **1** to continue. You see a message.
14. If errors are listed in the message, contact IBM Software Support for help.
15. Enter **3** to finish and exit from the installation program.
16. Eject the CD.
17. Log out as root and log in as another user.

Installing Infoprint Transform Manager on an IBM eServer BladeCenter

This topic describes the procedure for installing Infoprint Transform Manager on an IBM eServer BladeCenter.

Before installing Infoprint Transform Manager on an IBM eServer BladeCenter, you need to determine which blade will be the head node (the head node is the coordinating or arbitrating node) and which blades will be the compute nodes

(compute nodes transform the datastreams) and how many compute nodes you need. You must install the compute nodes before you install the head node.

You use Infoprint Transform Manager for Linux: Blade (CD1), LCD4-5614-00, for the compute nodes.

You use Infoprint Transform Manager for Linux: Blade (CD2), LCD4-5615-00, and Infoprint Transform Manager for Linux, LCD4-5611-02, for the head node.

Installing a Transform Manager compute node on an IBM eServer BladeCenter

Use the following procedures to install a Transform Manager compute node on an IBM eServer BladeCenter with the InstallShield Wizard. The InstallShield Wizard steps you through the installation.

1. Log in as a root (administrator) user.
2. Insert the CD labeled Infoprint Transform Manager for Linux: Blade (CD 1), LCD4-5614-00, in the CD-ROM drive. When you insert the CD, it mounts automatically and displays the contents of the CD.
3. Launch `/media/cdrom/installnodes.sh` file.
4. On the Welcome screen, click **Next**.
5. The Select option windows displays the following choices: **View Release notes**, **Install IBM Infoprint Transform Manager** and **Contact us**. Select **Install IBM Infoprint Transform Manager** and click **Next**.
6. When you see the license screens, select the button next to **I accept the terms of the license agreement** and click **Next**.
7. When the installation summary display, click **Install**. At the end of the installation, a summary of the installation status displays.
8. Click **Finish**.
9. Repeat all steps for each compute node that you need.

Installing an Infoprint Transform Manager head node and user interface on an IBM eServer BladeCenter

Use the following procedures to install an Infoprint Transform Manager head node and user interface on an IBM eServer BladeCenter with the InstallShield Wizard. The InstallShield Wizard steps you through the installation.

1. Log in as a root (administrator) user.
2. Insert the CD labeled Infoprint Transform Manager for Linux: Blade (CD 2), LCD4-5615-00, in the CD-ROM drive. When you insert the CD, it mounts automatically and displays the contents of the CD.
3. Launch `/media/cdrom/installblades.sh` file.
4. On the Welcome screen, click **Next**.
5. The Select option windows displays the following choices: **View Release notes**, **Install IBM Infoprint Transform Manager** and **Contact us**. Select **Install IBM Infoprint Transform Manager** and click **Next**.
6. When you see the license screens, select the button next to **I accept the terms of the license agreement** and click **Next**.
7. When prompted by the InstallShield Wizard, insert the CD labeled Infoprint Transform Manager, LCD4-5611-02, in the CD-ROM drive.

- | 8. Enter the IP address or IP ranges for all the compute nodes. You see a
| Summary screen.
- | 9. When prompted for the administrator password, enter a password, then enter
| the same password in the **Confirm password** field, and click **Next**.
- | 10. When the installation summary displays, click **Install**. At the end of the
| installation, a summary of the installation status displays.
- | 11. Click **Finish**.

Print server configuration

When the installation is complete, you must configure one or more print servers to communicate with the Transform Manager.

| For information about configuring and setting up a remote print server to use the
| Transform Manager, refer to *Infoprint Transform Manager for Linux*, S550-0391, on the
| publications CD, SK3T-9915.

Chapter 3. Product Documentation

To see documentation about license information, getting started information, and administration tasks for the Transform Manager, do these:

1. On a workstation with a PDF viewer and a Web browser, insert (and mount if required) the publications CD, SK3T-9915, in the CD-ROM drive.
2. Enter **transmgr.html**.
3. Select a link for the language you want to use. You see links to these PDF files:

Infoprint Transform Manager for Linux, S550-0391

This document details the information a system administrator needs to know to use the Transform Manager, including an overview, how it works, access control, getting started, and administrator tasks.

Infoprint Transform Manager for Linux: License Information, G550-0392

This document details the legal terms and conditions for the Transform Manager.

You also see a description of the Infoprint Transform Manager Information Center for Windows. This information center is a different way of displaying the information found in the administration PDF publication. If you are using a Windows XP or Windows 2000 workstation, you can view the administration topics in the information center and become familiar with this new way of presenting information.

Note: To use the information center, you must have Microsoft Internet Explorer 5.5 or later installed as your default system browser.

Chapter 4. Uninstallation information

Uninstalling Transform Manager from an IBM xSeries server

This topic describes the procedure for uninstalling Infoprint Transform Manager from an IBM xSeries server.

Use this procedure to uninstall Infoprint Transform Manager from an IBM xSeries server.

1. Go to the **Start** menu, select **Infoprint Transform Manager**, and then select **Uninstall Transform Manager**. You see the Welcome to the uninstall program screen.
2. Click **Next**. You see the Summary Screen stating that the InstallShield Wizard has successfully uninstalled Infoprint Transform Manager.
3. Click **Uninstall**. You see the screen stating that Infoprint Transform Manager has successfully uninstalled.
4. Click **Finish** to exit the wizard.

Uninstalling Infoprint Transform Manager from an IBM eServer BladeCenter

This topic describes how to uninstall Infoprint Transform Manager from the head node on an IBM eServer BladeCenter.

Use this procedure from the blade that is acting as the head node.

When Infoprint Transform Manager is uninstalled from the head node, it is also automatically uninstalled from the compute nodes.

1. Go to the **Start** menu, select **Infoprint Transform Manager**, and then select **Uninstall Transform Manager**. You see the Welcome to the uninstall program screen.
2. Click **Next**. You see the Summary Screen stating that the InstallShield Wizard has successfully uninstalled Infoprint Transform Manager.
3. Click **Uninstall**. You see the screen stating that Infoprint Transform Manager has successfully uninstalled.
4. Click **Finish** to exit the wizard.

Chapter 5. Customer support

For help installing the Transform Manager, contact IBM Software Support:

- Web page: <http://www.ibm.com/printers/support>
- US telephone: 1-800-IBM-SERV or 1-800-426-7378

While using the Transform Manager user interface, see the online help before contacting software support. To use the help, do one of these:

- Select **Help** on each page to see a list of links to all the page help and task help.
- Select the question mark on each page for help about the page and any tasks you might do on the page.

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