

Chapter 1. When to Use the SAP Client Package

To insure that your SAP application servers are correctly integrated with the Infoprint AIX server, you must install one or more of the following wherever a Spool Work Process resides that will make print requests to Infoprint Manager logical destinations. Please note that these options have been listed in order of ease of use:

1. The Infoprint Manager SAP Client, which simplifies the installation of the Infoprint Manager SAP feature on SAP Application Servers. This package includes everything needed to be installed on the SAP Application Servers. If you use this install option, you do not need to install either The SAP Print feature or the AIX client on SAP application servers. For more information about the Infoprint Manager SAP Client package, see *Installing the Infoprint Manager SAP Client Package*.
2. The Infoprint Manager AIX Client, which includes the Infoprint Manager command line and the gateway for the standard UNIX print commands. It also includes the custom print command for use with SAP R/3 Release 3 access methods **L**, **Z**, and **E**.

Note: If you have not yet applied Infoprint Manager Program Temporary Fix (PTF) U474309, you may want to use this method if you need to install on SAP application servers.

3. The SAP Print Feature, which includes both the **sap2afp** data stream transform and the IPM SAP Certified Output Management Support feature.
4. The SAP fonts, which are required by the **sap2afp** data stream transform.

Note: At a minimum, on every system on which you will be running the **sap2afp** transform (both Infoprint AIX servers and SAP R/3 application servers), you must have the following fileset installed:

`bos.loc.adt.iconv` (Language Converter Development Toolkit)

This document consists of the following seven topics:

1. To Print from SAP R/3 Release 4 with Enhanced Status

A collection of procedures necessary to install and use Infoprint Manager for printing PCL, PostScript, OTF, or ABAP output from a SAP R/3 installation. You can configure the system to use the Infoprint Manager SAP certified Output Management System (OMS) interface to send all data streams to Infoprint Manager and receive event notification for print jobs back to the R/3 system. Note that this method requires you to install the SAP Client on the SAP application server(s) and both the SAP Print Feature and the SAP Fonts on the Infoprint AIX server, then use access method **E** to define devices in SAP R/3.

2. To Print from SAP R/3 Release 3.1h or 3.1i with Enhanced Status

A collection of procedures necessary to install and use Infoprint Manager for printing PCL, PostScript, OTF, or ABAP output from a SAP R/3 installation. You can configure the system to use the SAP Output Management System (OMS) interface to sent all data streams to Infoprint Manager and receive event notification for print jobs back to the R/3 system. Note that this method requires you to install the SAP Client on the SAP application server(s) and both the SAP Print Feature and the SAP Fonts on the Infoprint AIX server, then use access method **E** to define devices in SAP R/3.

3. To Print PCL and PostScript data from SAP R/3 Release 3

With few changes, you can configure SAP R/3 Release 3 to send both PS and PCL output data directly to Infoprint Manager. This section contains a collection for procedures necessary to install and use Infoprint Manager for printing either PCL or PostScript data from an SAP R/3 installation. Note that this option involves only the installation of either the SAP Client or the AIX Client on your SAP application server(s), then using access method L to define devices in SAP R/3.

4. To Print ABAP and OTF data from SAP R/3 Release 3

You can configure SAP R/3 to transform SAP output into AFP output to take advantage of all the features of AFP printing. A collection of procedures necessary to install and use Infoprint Manager for printing the native SAP R/3 data streams Output Text Format (OTF) and Advanced Business Application Programming (ABAP) from a SAP R/3 installation. Note that this section gives you two installation options:

- The first performs the data transform on the Infoprint Manager server (post spool) and requires that you only install either the SAP Client or the AIX Client on the SAP Application server(s), and the SAP feature and the SAP Fonts on the Infoprint Manager server.
- The second performs the data stream transform on the SAP application server (pre-spool) and requires you to install the SAP Print Feature, the SAP Fonts, and the AIX Client on the SAP application server(s), then use access method Z to define devices in SAP R/3.

Chapter 2. Installing the Infoprint Manager SAP Client Package on each SAP System Server

With Infoprint Manager Program Temporary Fix (PTF) U474309 (available in March 2001), you can simplify the installation of the SAP Print Feature on SAP application servers by installing the SAP Client package.

This command bypasses the Infoprint Installer and installs the necessary filesets on the SAP application server.

The SAP Client package simplifies the installation because your SAP application server no longer needs to install either the SAP Print Feature, the AIX Client, or the prerequisite filesets for the Infoprint Installer. The SAP Client package requires a much smaller subset of prerequisites, as you can see from the following list:

1. `bos.rte 4.2.1.0`
2. `bos.rte.printers 4.2.1.8`

To install the SAP Client on your SAP application servers, use the following procedure:

1. Log into the AIX system as **root**.
2. Insert the Infoprint Manager Server 1 CD-ROM into the CD-ROM reader.
3. Open a terminal window.
(If you are using the Common Desktop Environment (CDE), you may open a terminal window by clicking on the terminal icon contained in the front panel. (The front panel is the task bar that appears at the bottom of the screen.) By default, the terminal icon is contained in a pop-up menu above the text editor icon that appears on the front panel.)
4. The first time you run the Installer, follow this procedure:
 - a. Type the following on the command line:
`smit cdrfs`
 - b. Select **Add a CDROM File System** from the list of choices presented.
 - c. Click the List button and select your CD-ROM device name (`cd0`, for example).
 - d. Type the following in the **MOUNT POINT** field:
`/cdrom`
 - e. Click **OK**. The running person will raise his arms to indicate success. If he instead falls down and you see `crfs: 0506-909 /cdrom file system already exists`, do not interpret this as a failure. (The existing **/cdrom** file system should be usable.)
 - f. Press the **F12** key to exit **SMIT**.
5. Type the following on the command line:
`mount /cdrom`
6. The SAP Client package (**ipr.sapclient**) is installed at the command line by specifying `setup -x`.

Note that the SAP Client package cannot be installed if other `ipr*` filesets reside on a SAP application server.