Installing iPlanet UDS and the iPlanet UDS Transaction Adapter on OS/390

Restoring the iPlanet UDS for OS/390 Tape

The iPlanet UDS installation software for the OS/390 platform comes on IBM 3490 tape media, with standard labels, in IEBGENER format. The tape contains a UNIX tape archive (tar) file that contains the iPlanet UDS Software.

To install iPlanet UDS, you must unload the tar file into a temporary directory in your UNIX Hierarchical File System (HFS), run the UNIX tar command to expand the file, and then run the UNIX installation shell script INSTALL.SH to build your iPlanet UDS distribution in a permanent location. Refer to the *iPlanet UDS System Installation Guide* for more information on this script.

1. Log in to the UNIX Services environment using the user ID that will be used to unload the iPlanet UDS product tape and install the iPlanet UDS software.

   The user ID must have read/write privileges for files in the FORTE_ROOT directory where iPlanet UDS will be installed.

   You can log in using either the TSO OMVS command, or by using an rlogin or telnet client on another system.

2. Create a temporary directory for unloading the tape.

   For example, to create /tmp/forte for unloading the tape, issue the UNIX command:

   ```
   mkdir /tmp/forte
   ```

   NOTE   Make sure that each file system has enough space available, as described in Chapter 6, "Installing iPlanet UDS and the iPlanet UDS Transaction Adapter on OS/390" of the *iPlanet UDS System Installation Guide*.

   ---

3. Log on to TSO.

4. Create and submit an IEBGENER batch job to unload the tar file from the 3490 tape cartridge into the temporary unloading directory created in Step 2.

   Below is an example JCL file you can use to place the FORTE.TAR file into the temporary HFS directory /tmp/forte:

```
//FRTEUNLD JOB (0000)
//*
//UNLOAD   EXEC PGM=IEBGENER
//SYSIN    DD  DUMMY
//SYSPRINT DD  SYSOUT=*
//SYSUT1   DD  DSN=FORTE.TAR,DISP=OLD,
//             UNIT=3490,
//             VOL=SER=<volser_from_external_label>,
//             LABEL=(1,SL),
//             BLKSIZE=27920,LRECL=80,RECFM=FB
//SYSUT2   DD  PATH='/tmp/forte/forte.tar',
//             PATHOPTS=(OWRONLY,OCREAT,OEXCL),
//             PATHMODE=(SIRWXU,SIRGRP,SIROTH)
```

5. Continue the installation by proceeding to Step 5, as documented in Chapter 6, "Installing iPlanet UDS and the iPlanet UDS Transaction Adapter on OS/390" of the *iPlanet UDS System Installation Guide*. You should read the Preface, Introduction, and Chapter 6 of the *iPlanet UDS System Installation Guide* before completing your installation.

Transaction Adaptor Examples for OS/390

The example APPC/MVS, CICS, and IMS applications for the OS/390 system come on the same IBM 3490 tape media as the iPlanet UDS for OS/390, as additional files in IEBCOPY unload format. The tape contains IEBCOPY unloads of two partitioned datasets, one containing JCL files and the other containing source files, as files 2 and 3 on the tape.

To install the OS/390 components of the example applications, you must load both partitioned datasets from the tape and then customize and submit the JCL to install the example applications. The JCL PDS is named FORTE.V501.JCL and the source PDS is named FORTE.V501.SOURCE. Note that if you rename the source dataset, you will have to change all references to it in the JCL.

NOTE	The filenames and label names used to load, install, and execute the iPlanet UDS Transaction Adapter for OS/390 are dependent on the current release number for iPlanet UDS. This section provides instructions for iPlanet UDS Release 5.0.1. For subsequent releases, you may have to modify the filenames and label names accordingly.

➤ **To load the partitioned datasets from the distribution tape**

1. Log on to TSO.

2. Create and submit an IEBCOPY batch job to load the partitioned datasets from the 3490 tape.

   Below is an example JCL file you can use to load the partitioned datasets:

```
//FRTELOAD JOB(000)
//LOADJCL   EXEC PGM=IEBCOPY,REGION=4M
//SYSPRINT DD  SYSOUT=*
//INPUT     DD  DSN=FORTE.JCL,
//              DISP=(OLD,PASS),
//              UNIT=3490,
//              VOL=SER=FOR501,
//              LABEL=(2,SL)
//OUTPUT    DD  DSN=FORTE.V501.JCL,
//              DISP=(NEW,CATLG),
//              UNIT=SYSDA,
//              VOL=SER=volser,
//              SPACE=(27920,(4,1,5)),
//              DCB=(RECFM=FB,LRECL=80,BLKSIZE=27920)
//SYSIN     DD *
          COPY INDD=INPUT,OUTDD=OUTPUT
//LOADSRC   EXEC PGM=IEBCOPY,REGION=4M
//SYSPRINT DD  SYSOUT=*
//INPUT     DD DSN=FORTE.SOURCE,
//              DISP=(OLD,KEEP),
//              UNIT=3490),
//              VOL=SER=FOR501,
//              LABEL=(3,SL)
//OUTPUT    DD  DSN=FORTE.V501.SOURCE,
//              DISP=(NEW,CATLG),
//              UNIT=SYSDA,
//              VOL=SER=volser,
//              SPACE=(27920,(10,2,5)),
//              DCB=(RECFM=FB,LRECL=80,BLKSIZE=27920)
//SYSIN     DD *
          COPY INDD=INPUT,OUTDD=OUTPUT
//
```

In the above example, volser is the volume serial number of the DASD volume where you want to allocate the partitioned datasets.

3. Verify the installation, according to the instructions in Chapter 6 of the *iPlanet UDS System Installation Guide*.