

READ ME FIRST

Informix Dynamic Server.2000 for UNIX and Linux, Version 9.2

About This Document

This document includes the following sections:

- Installing Informix Dynamic Server.2000 on UNIX
- Installing Informix Dynamic Server.2000 on Linux
- Using Informix J/Foundation
- Changes to the Installation Guide

Installing Informix Dynamic Server.2000 on UNIX

This section describes how to install Informix products for the first time or over an existing database server.

Installing Products for the First Time

Perform the following steps. If you do not have **root** privileges, ask your system administrator to perform steps 7 through 10.

1. Log in as user **informix**.
2. Enter the following command to set your file-creation mask to zero before you load product files from the media:

```
umask 0
```
3. Set the **INFORMIXDIR** environment variable to the directory where you will install Informix products (**\$INFORMIXDIR**).
4. Make **\$INFORMIXDIR** your current directory.
5. Load the product files, using the loadline printed on or included with your product media.
6. Run the **./installserver** script.
7. Log in as user **root**.
8. Set the **INFORMIXDIR** environment variable to the directory where you will install Informix products (**\$INFORMIXDIR**).

9. Make `$INFORMIXDIR` your current directory.
10. Run the `RUN_AS_ROOT.SERVER` script to complete the installation.

For detailed instructions, see the [Installation Guide](#).

Installing over an Existing Database Server

For 7.3x and earlier versions of the database server, you performed all installation steps as user `root`. For Dynamic Server.2000, you must perform some installation steps as user `informix`, then become user `root` to complete the installation.

Note: *The first four steps are necessary to ensure that user `informix` can overwrite older files and create new files in all installation directories.*

If you do not have `root` privileges, ask your system administrator to perform steps 1 through 4 and steps 11 through 14.

1. Log in as user `root`.
2. Set the `INFORMIXDIR` environment variable to the directory where you will install Informix products (`$INFORMIXDIR`).
3. Enter the following command:


```
# chown -R informix $INFORMIXDIR/hhhelp
```
4. Skip this step if you are not installing on AIX or HP-UX and your installation uses the `cpio` command or if your platform is not listed in this table. Most implementations of the `cpio` format allow you to overwrite files owned by user `root`, as long as you have write permission in the directory that contains the files that you want to overwrite.

Enter the appropriate platform-specific command to fix ownership errors in lower-level files and directories:

Platform	Command
AIX	<pre># find \$INFORMIXDIR -name extend -prune -o \ \(-perm 444 -o -perm 555\) -exec chmod u+w {} \;</pre>
HP-UX	<pre># find \$INFORMIXDIR -name lib -prune -o -user root -exec chown informix {} \;</pre>
Non-Solaris UNIX (tar command loadline)	<pre># find \$INFORMIXDIR -name lib -prune -o -user root -exec chown informix {} \; # find \$INFORMIXDIR -name extend -prune -o \ \(-perm 444 -o -perm 555\) -exec chmod u+w {} \;</pre>

5. Log in as user **informix**.
6. Enter the following command to set your file-creation mask to zero before you load product files from the media:

```
umask 0
```
7. Set the **INFORMIXDIR** environment variable to the directory where you will install Informix products (**\$INFORMIXDIR**).
8. Make **\$INFORMIXDIR** your current directory.
9. Load the product files, using the loadline printed on or included with your product media.
10. Run the **./installserver** script.
11. Log in as user **root**.
12. Set the **INFORMIXDIR** environment variable to the directory where you will install Informix products (**\$INFORMIXDIR**).
13. Make **\$INFORMIXDIR** your current directory.
14. Run the **RUN_AS_ROOT.SERVER** script to complete the installation.

For detailed instructions, see the [Installation Guide](#).

Installing Informix Dynamic Server.2000 on Linux

If you are installing Informix Dynamic Server.2000 on Linux platforms, use the following guidelines:

- If your loadline contains a **cpio** command, do *not* follow the Linux-specific procedures outlined in the [Installation Guide](#). Instead, follow the UNIX installation procedures and use the specific **cpio** syntax from the loadline.
- If your loadline contains an **rpm** command, use the Red Hat Package Manager (RPM) specific procedures outlined in “Preparing the Package Manager” in the [Installation Guide](#). Run **rpm** as user **root**.

The loadline is printed on or included with your product media.

Using Informix J/Foundation

If you use J/Foundation on Solaris 2.7, you might see the following error message:

```
16:55:29 Cannot load lib /usr/java/lib/sparc/native_threads/libnet.so:
error: ld.so.1: oninit: fatal: libjava.so: open failed: No such file or directory
```

If you get this error message, add the following Java VM libraries path to the shared-library path environment variable appropriate for your platform:

```
$JVPJAVAHOME/$JVPJAVALIB
```

On most platforms, `LD_LIBRARY_PATH` is the shared library path environment variable. On Hewlett-Packard HP-UX systems and IBM AIX systems, the shared-library path environment variables are `SHLIB_PATH` and `LIBPATH`, respectively.

For more information, see the chapter on configuration parameters in [Creating UDRs in Java](#).

Changes to the Installation Guide

Please note the following changes to the [Installation Guide](#).

Installing Informix Dynamic Server.2000

Substitute the text in this section for the original text in the [Installation Guide](#).

Changing Directory and File Ownership

Perform the steps in this section *only* if you are installing Dynamic Server.2000 over an existing database server on non-Linux platforms.

You must perform the steps in this section because some earlier versions of Dynamic Server incorrectly set the ownership of certain files and directories to user **root**. When the database server sets the ownership incorrectly, the installation might fail because user **informix** cannot overwrite older files or cannot write new files in the directories that user **root** owns.

You must have user **root** privileges to change directory and file ownership. If you do not have **root** privileges, ask your system administrator to perform these steps.

To change directory and file ownership before you install Dynamic Server

1. Log in as user **root**.
2. Set the **INFORMIXDIR** environment variable to the directory where you will install Informix products (**\$INFORMIXDIR**).
3. Enter the following command:

```
# chown -R informix $INFORMIXDIR/hhhelp
```

4. Skip this step if you are not installing on AIX or HP-UX and your installation uses the **cpio** command or if your platform is not listed in this table. Most implementations of the **cpio** format allow you to overwrite files owned by user **root**, as long as you have write permission in the directory that contains the files that you want to overwrite.

Enter the appropriate platform-specific command to fix ownership errors in lower-level files and directories:

Platform	Command
AIX	<pre># find \$INFORMIXDIR -name extend -prune -o \ \(-perm 444 -o -perm 555\) -exec chmod u+w {} \;</pre>
HP-UX	<pre># find \$INFORMIXDIR -name lib -prune -o -user root -exec chown \ informix {} \;</pre>
Non-Solaris UNIX (tar command loadline)	<pre># find \$INFORMIXDIR -name lib -prune -o -user root -exec chown \ informix {} \; # find \$INFORMIXDIR -name extend -prune -o \ \(-perm 444 -o -perm 555\) -exec chmod u+w {} \;</pre>

Installing Informix Dynamic Server.2000

Substitute the text in this section for the original text in the [Installation Guide](#).

Preparing the Package-Manager Environment

Replace the **p** option entry in this section with the text shown here.

Option	Purpose
<code>p <packagefile></code>	Specifies an uninstalled RPM package <packagefile> where <packagefile> might be a local file or the URL for a file that is accessed through the Internet.

To Install a Package File

Note the following change to this section:

To choose role separation, complete step 8 (role separation) *before* you complete step 5 (load package files).

Solving Installation Problems

In the section “Product-Installation Failures,” change the solutions of the following error messages to the text shown here:

- **Problem.** After you enter the six-letter activation key, the installation script displays one or more messages similar to the following examples:

```
chmod: can't change filename
etc/brand: cannot open filename
filename: not owner
```

Solution. This problem usually occurs because you loaded product files as user **root**.

If you are installing Informix products for the first time, delete the **\$INFORMIXDIR** directory that you created during this installation and all its contents, then perform the steps in “Installing Products for the First Time” on page 1 of the Read Me First document for Informix Dynamic Server.2000 for UNIX and Linux, Version 9.2.

If you are installing over an existing database server, perform the steps in “Installing Over an Existing Database Server” on page 2 of the Read Me First document for Informix Dynamic Server.2000 for UNIX and Linux, Version 9.2.

Problem. When you run the **./installserver** script, the following message appears:

```
chown filename: Not owner.
```

Solution. This problem usually occurs because you loaded product files as user **root**.

If you are installing Informix products for the first time, delete the **\$INFORMIXDIR** directory that you created during this installation and all its contents, then perform the steps in “Installing Products for the First Time” on page 1 of the Read Me First document for Informix Dynamic Server.2000 for UNIX and Linux, Version 9.2.

If you are installing over an existing database server, perform the steps in “Installing Over an Existing Database Server” on page 2 of the Read Me First document for Informix Dynamic Server.2000 for UNIX and Linux, Version 9.2.