
Software Installation Guide

HP 64000-UX for HP-UX 10.xx

The tape in this package contains one or more HP 64000-UX software products.

HP 64000-UX is a collection of emulator and analyzer user interfaces, simulators, debuggers, compilers, and other software tools for UNIX[®]-based operating systems such as Solaris, SunOS and HP-UX.

Tapes manufactured after March 21, 1996 can be installed on HP-UX 9.xx or 10.xx.

Installation at a Glance

Here is a summary of the steps to follow to install the software. Each step is explained in detail later in this guide.

- 1** Mount the tape.
- 2** Install the software.
- 3** Run the customize script.
- 4** Set the necessary environment variables.

Step 1: Mount the tape

- 1 Check that you are installing the correct tape.
- 2 Insert the tape in the tape drive.

Step 2: Install the software.

- 1 Log in as root.
- 2 Clear the file permissions mask:
- 3 Change to the directory under which you want the software to be installed. For example:

```
umask 0
```

```
cd /
```

All of the software will be installed into the directory `usr/hp64000` relative to your current directory.

- 3 Extract the software. Type:

```
tar xvfbp <device> 20 2>&1 | tee tar.log
```

If you are installing the software from a tape drive which is on a remote system, type the following command (on one line).

```
remsh <hostname> "dd if=<device> bs=20b" |  
tar xvfbp - 20 2>&1 | tee tar.log
```

`<device>` is the name of your tape device. `<hostname>` is the name of the system with the tape drive.

Step 3: Run the customize script

- 1 Set the HP64000 environment variable to `usr/hp64000` relative to the directory from which you installed the software. For example:

```
export HP64000=/usr/hp64000
```

or

```
export HP64000=/somepath/usr/hp64000
```

- 2 Run the script from your current directory:

```
$HP64000/bin/run.customize.scripts tar.log
```

Do not `cd` to `$HP64000/bin` to run the customize script. You must run the script from the directory from which the software was installed.

Messages generated by this script are saved in the file `$HP64000/etc/install.log`.

The customize script only accesses files in the `$HP64000` path, except as noted in the next step.

- 3 If you are updating an HP graphical emulator/analyzer interface, and you have previously installed the HP B1487 Software Performance Analyzer (SPA) or an HP real-time OS measurement (RTOS) tool, re-run the SPA or RTOS customize script.

This is necessary because the HP B1487 Software Performance Analyzer and HP real-time OS measurement tools need to modify the emulator/analyzer interface files. For SPA, enter:

```
$HP64000/system/B1487XUI/customize
```

For an HP real-time OS measurement tool, enter:

```
$HP64000/system/RTOS_prodnum/customize
```

where *RTOS_prodnum* is the product number of the HP real-time OS measurement tool.

If you have problems

If files or directories are missing

- Check for the existence of `$HP64000/etc/install.log`. This file is written to by the installation process. The `install.log` file can be scanned for installation errors. If the installation was successful there will be a corresponding message in `install.log`. If the installation did not complete, there may have been a tape error.

If you see a "file not found" message when you try to run the software.

- Check that the `HP64000` environment variable is set.
- Check that the `HP64000` environment variable ends with `"usr/hp64000"`.

A example of a valid value for `$HP64000`:

```
/mypath/usr/hp64000
```

Examples of invalid values for `$HP64000`:

```
/mypath/usr/something/hp64000
```

```
/mypath
```

```
/mypath/hp64000
```

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