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ConvexOS Utilities Patch V10.0.2

ConvexOS Patch V10.0.5

ConvexOS and Utilities V10.0 Local Initial Installation Procedures

ConvexOS and Utilities V10.0 Remote Initial Installation Procedures

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ConvexOS Patches

ConvexOS Utilities Patch V10.0.2 is a replacement release for the ConvexOS V10.0 Root Upgrade, Usr Upgrade, International NFS Utilities, and Domestic NFS Utilities. These products need not be installed in order to install the V10.0.2 patch modules. However, if your site is located within the United States and Canada, you must install ConvexOS V10.0 Domestic Tools when you install this patch.

ConvexOS Patch V10.0.5 is a replacement release for the ConvexOS V10.0.3 and ConvexOS V10.0 kernels and the ConvexOS V10.0.4 Patch release. The V10.0.3 or V10.0 kernel need not be installed in order to install the V10.0.5 patch *unless* you must perform an initial installation (as opposed to an upgrade) on a Convex C100 Series machine.

The ConvexOS V10.0 and V10.0.3 kernels contained a change which would push the vector register state onto the user's stack before delivering a signal. However, a problem was encountered in some FORTRAN programs because a special signal stack was specified that was too small to save all of the vector register state, causing programs to core dump. ConvexOS V10.0.5 fixes this problem, but with the side effect that such programs (that specify separate signal stacks) will no longer be vector valid when invoking a signal handler.

ConvexOS Utilities Patch V10.0.2 and ConvexOS Patch V10.0.5 have the same installation requirements and follow the same installation procedures as the V10.0 release, with the modifications noted in the following section.

Procedures for Initial Installation

The initial installation procedures for ConvexOS and Utilities V10.0 do not include explicit instructions to install Domestic Tools (Part No. 710-010115-002). If your site is located within the United States and Canada, you are strongly

encouraged to install this product. If you intend to install CONVEX Domestic NFS, you *must* install Domestic Tools.

To do this, add the following procedures to the optional product installation, which is discussed in Chapter 3 of both *ConvexOS and Utilities V10.0 Local Initial Installation Procedures* and *ConvexOS and Utilities V10.0 Remote Initial Installation Procedures*.

1. If you are doing a local initial installation, complete steps 1 through 3 as documented on pages 49 and 50 of the *Local Initial Installation Procedures*. In step 4, select only Domestic Tools (Part No. 710-010115-002). Then complete step 5 on page 51, which installs only Domestic Tools.

If you are doing a remote initial installation, complete steps 1 through 6 as documented on pages 56 and 57 of the *Remote Initial Installation Procedures*. In step 7, select only Domestic Tools (Part No. 710-010115-002). Then complete step 8 on page 58, which installs only Domestic Tools.

Both documents contain a caution against choosing Domestic Tools. This should be disregarded.

2. Proceed with the installation of additional optional products, beginning with step 1 on page 49 of the *Local Initial Installation Procedures* or step 3 on page 56 of the *Remote Initial Installation Procedures*.

Special Note for C100 Series Customers

If you must perform an initial installation on a C100 Series machine, you must first perform an initial installation of ConvexOS V10.0.3 (or ConvexOS V10.0) and then perform an upgrade to ConvexOS V10.0.5 using the nine-track tape provided with this release.

If you encounter difficulties, please contact the CONVEX Technical Assistance Center (TAC).