

Revision History for ConvexOS Kernel V10.1

September 1992

Document No. 710-003430-051

This document describes the revision history for the ConvexOS V10.1 Kernel. A **Release** is a complete replacement of the kernel. An **Update** is a replacement of certain files in the kernel package. It is a layered product. A **Patch** is the modification of files on the destination machine. It is a layered product.

The current revision level for ConvexOS V10.1 is ConvexOS Utilities Release V10.1 (utils level 0), ConvexOS Utilities Update V10.1.2 (utils level 2) and ConvexOS Kernel Release V10.1.2 (kernel level 2). To bring a system up to the current revision level following the instructions in Table 1.

Table -1: Upgrade Instructions

If your current configuration is:	Install these products in the given order:
ConvexOS Kernel Release V9.1 or V10.0 ConvexOS Utilities Release V9.1 or V10.0	ConvexOS Kernel Release V10.1.2 (kernel level 2) ConvexOS Utilities Release V10.1 (utils level 0) ConvexOS Utilities Update V10.1.2 (utils level 2) sysgen'd products
ConvexOS Kernel Release V10.1 ConvexOS Utilities Release V10.1	ConvexOS Kernel Release V10.1.2 (kernel level 2) ConvexOS Utilities Update V10.1.2 (utils level 2) sysgen'd products
ConvexOS Kernel Release V10.1 ConvexOS Utilities Release V10.1 ConvexOS Kernel Patch V10.1.1 ConvexOS Utilities Patch V10.1.1	ConvexOS Kernel Release V10.1.2 (kernel level 2) ConvexOS Utilities Update V10.1.2 (utils level 2) sysgen'd products

The next table gives detailed information on the kernel levels' prerequisites, corequisites, and functionality. If your configuration is not in Table 1, examine Table 2. If you have any questions, please contact the Convex Technical Assistance Center.

These levels are available for C120, C3200, and C3400 architectures.

Table -2: ConvexOS Kernel V10.1 Revision History

Version	Part Number(s)	Description
kernel level 0 (V10.1)	710-002515-012 710-005515-009	The initial release of ConvexOS V10.1.
kernel level 1 (V10.1.1)	710-000215-004	<p>A patch containing fixes for the following problems:</p> <p>PR-27215 - Calling write with invalid buffer pointer and nbytes of 0 returns -1 and EFAULT.</p> <p>X-23296 (PR-24444, PR-26635) - A system that is low on memory and tries to swap or page to a redundant stripe may end up hung. System hung due to i/o and memory allocation problems.</p> <p>The prerequisites for the ConvexOS Kernel Patch V10.1.1 are Kernel V10.1, Root Upgrade V10.1, User Upgrade V10.1, ALL V1.0 or greater, and CONVEX C V4.3 or greater.</p> <p>This level is available for C1, C3200, and C3400 architectures only.</p>
kernel level 2 (V10.1.2)	710-003615-221 710-003815-220 710-005115-021 710-005415-030 710-010615-009 710-011115-007 710-003715-230	<p>A kernel release containing fixes for the following problems:</p> <p>PR-27215 - Calling write with invalid buffer pointer and nbytes of 0 returns -1 and EFAULT.</p> <p>X-23296 (PR-24444, PR-26635) - A system that is low on memory and tries to swap or page to a redundant stripe may end up hung. System hung due to i/o and memory allocation problems.</p> <p>X-26061 (PR-27793) - Access to scsi tape devices was unreliable.</p> <p>X-25881 (PR-27551, PR-27550, PR-27548) - System crashes any time you go to the parallel printer device.</p> <p>X-26014 (PR-27732) - System crashed when running vvm with no available memory.</p> <p>This release obsoletes ConvexOS Patch V10.1.1. Utilities fixes from that release are included in ConvexOS Utilities Patch V10.1.2 (710-000215-005).</p> <p>The corequisites for the ConvexOS Kernel Release V10.1.2 are Root Upgrade V10.1, User Upgrade V10.1, ALL V1.0 or greater, ConvexOS Utilities Update V10.1.2, and CONVEX C V4.3 or greater.</p> <p>This release is available for C1, C3200, and C3400 architectures only.</p>