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# ConvexOS Tape System V11.5 Release Notice



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Document No. 710-026930-002

August 1996

CONVEX Press  
Richardson, Texas USA

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## ConvexOS Tape System V11.5 Release Notice

Document No. 710-026930-002

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Printed in the United States of America

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# Overview

This release notice describe the ConvexOS Tape System V11.5 release.

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## Description

ConvexOS Tape System V11.5 is released to provide an alternative choice to Convex TMR . Its user interface is the same as that of release V10.1.4.

The media distribution for this release consists of one 6250-bpi, installsw(8) format magnetic tape. Included with the tape should be a list of products on the tape. Please refer to the *ConvexOS Tape System V11.5 Installation Procedures* for information on installing this software. If you are missing either of these items, contact the CONVEX Technical Assistance Center or a CONVEX field representative.

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## Prerequisites

Your system must be running ConvexOS and Utilities V11.5 or greater to install this software. Please refer to the appropriate ConvexOS installation document for instructions.

You should ensure that there is at least 9.5 megabytes of free space in the /usr partition and 1 megabyte of free space in the /tmp partition.

You should perform the installation while the system is in single-user mode.

If you have a StorageTek 4400 Automated Cartridge System, you must be running Release 3.0 of Automated Cartridge System Library Server (ACSLs).

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## Associated Documentation

The following are applicable to the ConvexOS Tape System V11.5 release:

- ConvexOS Tape System Manager's Guide
- ConvexOS Tape System Operator's Guide
- ConvexOS Tape System User's Guide
- ConvexOS Tape System V10.1.4 Release Notice
- ConvexOS Tape System V11.5 Release Notice (this document)
- ConvexOS Tape System V11.5 Installation Procedures
- Convex STK silo ACS V1.1 Release Notice
- Convex STK silo ACS V1.1 Installation Guide



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# What's Changed

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ConvexOS Tape System V11.5 is a re-release of ConvexOS Tape System V10.1.4 utilities with the modification that `tpdaemon` now uses the StorageTek ACSAPI. This means this release of `tpdaemon` is compatible with newer versions of StorageTek software. It is known to be compatible with Storage Tek ACSLS up to version 5.0. ConvexOS Tape System V11.5 also includes Convex STK silo ACS V1.1 with additional bug fixes.

To make STK silo work with the new `tpdaemon`, please refer to the configuration section of the ConvexOS Tape System Installation Procedure.

Other tape device configuration and the user interface remain the same as in previous releases.

**NOTE:** this version of `tpdaemon` does not support the C494 Robot.



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# Bug Information

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## Fixed Bugs

This section lists problems with the ConvexOS Tape System that were fixed in this release.

PR-45886: When `tpdaemon` formulates an ACSLS packet bound for a SUN on a secondary ethernet, it places the primary IP address of the Convex client in the packet instead of the secondary IP address. The SUN therefore, routes the response back via whatever path is appropriate for the primary IP address and timeouts can occur.

Resolution: `ssi` uses a configuration file `"/usr/convex/robot/config/siloresphost"` to allow the `sysadmin` to specify the hostname the Sun should make the response back to.

PR-60247: If a siloquery is interrupted, the whole ACS subsystem appears to hang. Subsequent siloqueries will hang until the daemon is killed and restarted.

Resolution: `ssi` no longer treats `ECONNREFUSED` error when connecting to a client as retryable. Also added calls to `acs_cancel` to cancel interrupted requests.

## Known Bugs

ConvexOS Tape V11.5 offers an alternative choice to ConvexTMR. However, the following bugs in ConvexOS Tape 10.1.4 are carried over to V11.5.

PR-56762: `opreq/tpdaemon` seem to have ceased processing. `tpdaemon` (or `opreq`) is complaining about running out of mids.

PR-58322: Mount requests stopped appearing in `opreq` displays. At the same time, `tpdaemon` started logging the following messages...

```
tpdaemon: [ERR] opreq_autovr: opreq_autovr_3 returned error (6) couldn't
allocate message structure
```

