

TO: Distribution
FROM: Peter B. Kelley
DATE: June 7, 1974
SUBJECT: Installation of MSS 23.11

The hardcore system MSS 23.11 was installed at 0900 on Friday, June 7, 1974. This system includes a variety of unrelated changes including: a bug fix to allow inferior directories without sm access to be deleted from a subtree; bug fix in tdcM which crashed if no handler #1 was configured; bug fix in full_ipc_; fixes the 256k ast thrashing bug with system_library_1 segments; fixes a security hole in hardcore gates; removes the unused stacq subroutine from all_rings_util_; changes the device assignment algorithm for dual disk subsystem configuration; reformats two error_table_ entries; and, installs a new pl1_operators_. The system libraries were updated at 1217 on Friday, June 7, 1974.

I. System Change Log

Chng MGR

Change

- # 1302 408,359
fixes a security hole by setting the call limiter in sdw's for hardcore gates, and also fixes the 256k ast thrashing bug with system_library_1 segments.
- # 1303 354 removes the unused stacq subroutine from all_rings_util_.
- # 1304 422 changes the device assignment algorithm for dual disk subsystem configuration.
- # 1305 298 fixes a bug in the update option of system startup to perform a reload.
- # 1306 485,493
installs an up-to-date version of pl1_operators_ fixing several bugs and correcting a minor inconsistency with the pl1 compiler.

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I. System Change Log (continued)

Chng MGRChange

- # 1307 497 fixes bug to allow inferior directories without sm access to be deleted from a sub-tree.
- # 1308 425,096
add the entries \$acl_add and \$acl_delete to msf_manager_ and delete the entries \$list_acl and \$replace_acl.
- # 1309 482 the wording of the error_table entries \$file_already_opened and \$file_not_opened were rewritten.
- # 1310 503 fixes bug in tdcn which caused a crash if no handler #1 configured.
- # 1311 477 fixes bug which caused the message not to be given to the caller of ips_\$read_ev_ch.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
all_rings_util_.alm	bound_sss_active_	R 1303
any_to_any_.alm	bound_sss_wired_	R 1306
assign_device.pl1	bound_file_system	R 1304
del_dir_tree.pl1	bound_file_system	R 1307
error_table_.et	-	R 1309
full_ipc_.pl1	bound_ipc_	R 1311
init_branches.pl1	bound_init_2	R 1302
msf_manager_.pl1	bound_fsimpl_	R 1308
pl1_operators_.alm	bound_sss_wired_	R 1308
power_.alm	bound_sss_wired_	R 1308
seg_fault.pl1	bound_system_faults	R 1308
system_startup_.pl1	-	R 1305
tdcn.pl1	bound_ion_active	R 1310

Bindfiles

bound_fsimpl_.bind	R 1308
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III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_ipc_	replaced: full_ipc_
bound_init_2	replaced: init_branches
bound_system_faults	replaced: seg_fault
bound_sss_active_	replaced: all_rings_util_
bound_file_system	replaced: del_dir_tree assign_device
bound_sss_wired_	replaced: pl1_operators_ any_to_any_ power_
bound_fsm_	replaced: msf_manager_
bound_iom_active	replaced: tdcn

IV. Header Change Log

No changes were made to the header.