

TO: Distribution
 FROM: Grace Ackerman-Lewis
 DATE: July 7, 1975
 SUBJECT: Installation of MSS 25.9

The hardcore system MSS 25.9 was installed on Monday, June 30, 1975 at 08:51. This system contains: a change to `object_info_` to handle the version 2 structure; a change to `find_` to use a separate pathname associative memory to associate pathnames with directory segment numbers; the addition of two new entries to `rest_of_cu_`; a fix to `ioam_` to check the size of IOAT before allocating space; changes to `access_class_check` and reclassify so that they will use the proper interface for auditing protection events; a change to `salvage_directory` and `salvage_entry` so that the salvager will use the right interface for auditing segments/directories marked security out of service; the addition of `cobol_operators_pointer` to `operator_pointers_`. The system libraries were updated on Monday, June 30, 1975 at 17:02.

I. System Change Log

Chng MCR

Change

- # 1444 1189 Change `object_info_` to handle the version 2 structure, which includes separate items for static.
- # 1445 1066,1067
Directories will no longer have reference names. A separate pathname associative memory is used by `find_` to associate pathnames with directory segment numbers.
- # 1446 1016 Add two new entries to `rest_of_cu_` and clean up some of the code.
- # 1447 1171 Fix `ioam_` to check the size of IOAT before allocating space, return error code and notify operator via `syserr` if IOAT is too small.
- # 1448 618,619,820
Change reclassify and `access_class_check` to use the

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I. System Change Log (continued)

Chng MCRChange

proper interface for auditing protection events.

1449 1449 Change the salvager to use the proper interface for auditing segments/directories marked security out of service.

1450 1450 Add cobol_operators_ pointer to operator_pointers_.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
access_class_check.pl1	bound_priv_procs	R 1448
acl.pl1	bound_file_system	R 1445
append.pl1	bound_file_system	R 1445
asd_.pl1	bound_file_system	R 1445
chname.pl1	bound_file_system	R 1445
del_dir_tree.pl1	bound_file_system	R 1445
delentry.pl1	bound_file_system	R 1445
error_table_.et	-	R 1445
ex_acl.pl1	bound_mseg_prim	R 1445
find_.pl1	bound_system_faults	R 1445
find_dirsegno.pl1	bound_system_faults	A 1445
find_entry.pl1	bound_system_faults	A 1445
fs_get.pl1	bound_system_faults	R 1445
get_pathname_.pl1	bound_system_faults	A 1445
init_proc.pl1	bound_process_creation	R 1445
init_root_dir.pl1	bound_temp_2	R 1445
initiate.pl1	bound_system_faults	R 1445
ioam_.pl1	bound_iom_active	R 1447
ioam_ut.pl1	bound_iom_active	R 1447
ioam_ut1.pl1	bound_iom_active	R 1447
makeknown.pl1	bound_system_faults	R 1445
makeunknown.pl1	bound_system_faults	R 1445
object_info_.pl1	bound_sss_active_	R 1444
operator_pointers_.alm	-	R 1450
pathname_am.pl1	bound_system_faults	A 1445
pds.alm	-	R 1445
quota.pl1	bound_file_system	R 1445
reclassify.pl1	bound_priv_procs	R 1448
rest_of_cu_.alm	bound_command_loop_	R 1446
ringbr_.pl1	bound_file_system	R 1445
salv_check_map.pl1	bound_salvager	R 1445
salvage_directory.pl1	bound_salvager	R 1449
salvage_entry.pl1	bound_salvager	R 1449

II. Segment Change Log (continued)

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
set.pl1	bound_file_system	R 1445
set_privileges.pl1	bound_priv_procs	R 1448
status_.pl1	bound_system_faults	R 1445
truncate.pl1	bound_file_system	R 1445
<u>Include Files</u>		
based_object_info_old_1.incl.pl1		A 1444
entry_sequence_info.incl.pl1		A 1444
ioat.incl.pl1		R 1447
linkdcl.incl.pl1		R 1444
obj_map.incl.pl1		R 1444
obj_map_old_1_.incl.pl1		A 1444
object_info.incl.pl1		R 1444
object_info_old_1_.incl.pl1		A 1444
object_map.incl.pl1		R 1444
object_map_old_1_.incl.pl1		A 1444
pathname_am.incl.pl1		A 1445
<u>Bindfiles</u>		
bound_command_loop_.bind		R 1446
bound_system_faults.bind		R 1445

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_command_loop_	replaced: rest_of_cu_
bound_priv_procs	replaced: access_class_check reclassify set_privileges
bound_iom_active	replaced: ioam_ ioam_ut ioam_ut1
bound_process_creation	replaced: init_proc
bound_file_system	replaced: del_dir_tree delentry truncate quota append acl

III. Bound Segment Change Log (continued)

<u>Bound Segment</u>	<u>Change</u>
	asd_ ringbr_ set chname
bound_system_faults	added: find_dirsegno find_entry pathname_am get_pathname_ replaced: fs_get makeknown find_ initiate status_ makeunknown
bound_salvager	replaced: salvage_entry salv_check_map salvage_directory
bound_temp_2	replaced: init_root_dir
bound_sss_active_	replaced: object_info_
bound_mseq_prim	replaced: ex_acl

IV. Header Change Log

The hardcore header was changed to add the entries find_entry, get_pathname_, pathname_am and find_dirsegno.