

**MULTICS INSTALLATION BULLETIN**

MIB-371

**TO:** MIB DISTRIBUTION  
**FROM:** Cynthia H. Anderson  
**DATE:** August 5, 1977  
**SUBJECT:** ONLINE INSTALLATION CHANGES

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The following is a list of changes to the standard service system, tools, network, unbundled, author maintained and installation maintained libraries for the week beginning August 1, 1977.

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MCR #: Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
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COMPONENT changes (if any)		
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MCR's 2643 & 2644: Several changes were made to the network software (NET). A new bound segment, bound\_net\_connect, was added; other changes were made to components of the following bound segments: bound\_net\_debug\_, bound\_net\_io\_support\_, bound\_net\_leslms\_, bound\_net\_status\_, bound\_network\_logger\_, and bound\_user\_telnet\_. Please type "help netd\_" and "help ncp\_" for more information.

08/02/77	1512.2	log_tbl.incl.pli replaced in INCL
08/02/77	1512.2	ncp_.info replaced in IIS
08/02/77	1512.2	net_ascii_dlm_sdb_dcls.incl.pli replaced in INCL
08/02/77	1512.2	net_lsim_constants.incl.pli added to INCL
08/02/77	1512.2	netd_.info replaced in IIS
08/02/77	1512.2	set_term_type_info.incl.pli added to INCL
08/02/77	1512.2	bound_net_connect_ added to NET
	added:	net_icp_server_ net_connect_ net_lsim_open_ net_mode_parser_

Interpret\_socket\_spec\_  
bound\_net\_connect\_.bind

08/02/77 1512.2 bound\_net\_debug\_ replaced in NET  
replaced: dump\_logtbl

08/02/77 1512.2 bound\_net\_io\_support\_ replaced in NET  
replaced: net\_character\_io\_  
net\_character\_lox\_  
net\_character\_xtach\_  
net\_data\_transfer\_

08/02/77 1512.2 bound\_net\_iosims\_ replaced in NET  
replaced: net\_ascii\_dim\_state\_  
net\_ascii\_dim\_xtach\_  
net\_ascii\_dim\_lo\_  
net\_telnet\_interpreter\_

08/02/77 1512.2 bound\_net\_status\_ replaced in NET  
replaced: net\_host\_status  
bound\_net\_status\_.bind  
deleted: net\_mode\_parser\_  
Interpret\_socket\_spec\_  
net\_connect\_  
net\_icp\_server\_

08/02/77 1512.2 bound\_network\_logger\_ replaced in NET  
replaced: logger\_  
net\_tty\_modes\_  
net\_tty\_xtach\_  
net\_as\_  
net\_tty\_lo\_  
net\_tty\_telnet\_  
network\_exec\_  
bound\_network\_logger\_.bind  
deleted: ftp\_dialup\_v1\_

08/02/77 1512.2 bound\_user\_telnet\_ replaced in NET  
replaced: user\_telnet\_xtach\_  
user\_telnet\_state\_

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MCR 1497: Replaced several bound and unbound segments in TOOLS and SSS, converting version I PL/I programs to version II PL/I. In SSS, the following were changed: print (bound\_fscom1\_), llink (bound\_fscom2\_), parse\_file\_ (bound\_io\_commands\_), find\_act\_names\_ (bound\_access\_commands\_), and profile\_data\_ (bound\_info\_rtns\_). In TOOLS, the following were changed: print\_error\_message (bound\_misc\_metering\_), get\_primary\_name, lnames, and lrename (bound\_lib\_utility\_), and the the unbound segments set\_timax, copy\_dump, get\_raw\_access\_, setcopysh, copy\_words, and flush.

08/04/77 1514.4 copy\_dump replaced in TOOLS  
08/04/77 1514.4 copy\_words replaced in TOOLS  
08/04/77 1514.4 flush replaced in TOOLS  
08/04/77 1514.4 get\_raw\_access\_ replaced in TOOLS  
08/04/77 1514.4 set\_timax replaced in TOOLS  
08/04/77 1514.4 setcopysh replaced in TOOLS  
08/04/77 1514.4 bound\_io\_commands\_ replaced in SSS  
replaced:  
parse\_file\_  
08/04/77 1514.4 bound\_access\_commands\_ replaced in SSS  
replaced:  
find\_act\_names\_  
08/04/77 1514.4 bound\_fscom1\_ replaced in SSS  
replaced:  
print  
08/04/77 1514.4 bound\_fscom2\_ replaced in SSS  
replaced:  
llink  
08/04/77 1514.4 bound\_lib\_utility\_ replaced in TOOLS  
replaced:  
get\_primary\_name\_  
lrename  
lnames  
08/04/77 1514.4 bound\_info\_rtns\_ replaced in SSS  
replaced:  
profile\_data\_  
08/04/77 1514.4 bound\_misc\_metering\_ replaced in TOOLS

08/04/77 1537.9 bound\_lo\_commands\_ de-installed from SSS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 setcopysw de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 set\_timax de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 get\_raw\_access\_ de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 flush de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 copy\_words de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 copy\_dump de-installed from TOOLS  
(previously installed 08/04/77 1514.4)

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MCR 2779: Installed new bound\_oflo2\_ (LANG) with changes to online portion of new pl1 runtime I/O routines. Some of these changes will not take effect until a new pl1\_operators\_ is installed; they are a preliminary for PL/1 Release 23.

08/04/77 1620.0 desc\_dcis.incl.pl1 replaced in INCL

08/04/77 1620.0 picture\_util.incl.pl1 replaced in INCL

08/04/77 1620.0 plio2\_fsb.incl.pli replaced in INCL  
08/04/77 1620.0 plio2\_fsbr.incl.pli replaced in INCL  
08/04/77 1620.0 plio2\_ps.incl.pli replaced in INCL  
08/04/77 1620.0 plio2\_psr.incl.pli replaced in INCL  
08/04/77 1620.0 radix\_factor\_constants.incl.pli replaced in INCL  
08/04/77 1620.0 system.incl.pli replaced in INCL  
08/04/77 1620.0 bound\_plio2\_ replaced in LANG  
  
added: plio2\_ago\_  
  
replaced:  
plio2\_open\_  
plio2\_signal\_  
display\_plio\_error  
plio2\_fi\_  
plio2\_data\_  
plio2\_dump\_  
plio2\_debug\_  
plio2\_actptr\_  
plio2\_recio\_  
plio2\_sym\_to\_desc  
plio2\_put\_util\_  
plio2\_fdo\_  
plio2\_pve\_  
plio2\_pdt\_  
put\_data\_var\_all\_  
put\_data\_block\_all\_  
plio2\_get\_util\_  
plio2\_gdt\_  
plio2\_idi\_  
plio2\_gvi\_  
plio2\_gvd\_  
plio2\_gve\_  
assign\_type\_d  
assign\_type\_o  
put\_copy\_  
decode\_oldesc\_  
plio2\_resig\_  
plio2\_dnd\_  
pli\_lo\_  
bound\_plio2\_.bind

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MCR 2759: Installed new bound\_active\_function\_ (SSS) adding the

replaced: print\_error\_message

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MCR 2791: Installed new bound\_teco\_ (TOOLS) adding the tecoset\_prompt command which allows a user to supply a prompting message.

08/04/77 1535.0 bound\_teco\_ replaced in TOOLS

replaced: teco  
bound\_teco\_.bind

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08/04/77 1537.9 bound\_misc\_metering\_ de-installed from TOOLS

(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 bound\_info\_rtns\_ de-installed from SSS

(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 bound\_lib\_utility\_ de-installed from TOOLS

(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 bound\_fscom2\_ de-installed from SSS

(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 bound\_fscom1\_ de-installed from SSS

(previously installed 08/04/77 1514.4)

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08/04/77 1537.9 bound\_access\_commands\_ de-installed from SSS

(previously installed 08/04/77 1514.4)

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name "hd" to the home\_dir active function.

08/05/77 0959.1 bound\_active\_function\_ replaced in SSS

replaced: home\_dir  
bound\_active\_function\_.bind

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MCR 2787: Installed new bound\_fscom2\_ and bound\_misc\_commands\_(SSS), moving fs\_chname and decam to >obsolete. The unbound segment tio\_ was also moved from >sss to >obs, and the unbound segment edit\_mst\_header was moved from >tools to >obsolete.

08/05/77 1025.3 fs\_chname added to OBS

08/05/77 1025.3 decam added to OBS

08/05/77 1025.3 bound\_misc\_commands\_ replaced in SSS

replaced: bound\_misc\_commands\_.bind

deleted: decam

08/05/77 1025.3 tio\_ moved from SSS to OBS

08/05/77 1025.3 edit\_mst\_header moved from TOOLS to OBS

08/05/77 1025.3 bound\_fscom2\_ replaced in SSS

replaced: bound\_fscom2\_.bind

deleted: fs\_chname

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MCR 2719: Installed new bound\_mpc\_tools\_ (TOOLS) changing load\_firmware\_file so that it will recognize model 400 disk drives as synonymous with model 191 disk drives.

08/05/77 1037.5 bound\_mpc\_tools\_ replaced in TOOLS

replaced: load\_firmware\_file