

TO: MIB DISTRIBUTION  
 FROM: Cynthia W. Anderson  
 DATE: April 8, 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 April 4, 1977.

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MCR # : Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
	COMPONENT changes (if any)	

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MCR 2550: Installed new bound\_binder\_ (SSS) with changes to ext\_link\_ so that the binder will handle a value of 0 in the trap\_relp of a type pair of a \*system link.

04/05/77	1455.0	bound_binder_ replaced in SSS
	replaced:	ext_link_

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MCR 2562: Installed new bound\_segment\_info\_ (SSS) with changes to print\_link\_info which alter the effect of the -header and -long control arguments slightly. Please type "help print\_link\_info" for more information.

04/05/77	1551.0	pli.info replaced in INFO
04/05/77	1551.0	bound_segment_info_ replaced in SSS
	replaced:	print_link_info

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MCR's 2342 & 2429: This installation changes the Network portion of the Answering Service and the FTP server to utilize ring 1 interfaces to the NCP, and changes the FTP server so that it will function in a multi-tasking environment. Changes were made to bound\_net\_lo\_support\_, bound\_net\_tools\_.

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bound\_network\_logger\_, bound\_net\_status\_, bound\_net\_iosims\_, bound\_net\_debug\_, bound\_ncp\_interface\_, and bound\_ftp\_server\_, all in NET. Additionally, two new info segments were installed, ncp\_.info and netd\_.info.

04/06/77 1437.4 ftp\_server\_data.incl.pl1 replaced in INCL

04/06/77 1437.4 net\_character\_sdb\_dcis.incl.pl1 replaced in INCL

04/06/77 1437.4 net\_mailer\_com\_seg.incl.pl1 added to INCL

04/06/77 1437.4 net\_mailer\_message.incl.pl1 added to INCL

04/06/77 1437.4 ncp\_.info added to IIS

04/06/77 1437.4 netd\_.info added to IIS

04/06/77 1437.4 bound\_ftp\_server\_ replaced in NET

added: ftp\_mail\_info\_

replaced: netml\_responder\_  
ftp\_mail\_  
file\_transfer\_  
ftp\_read\_ascii\_  
net\_ascii\_to\_eight\_  
ftp\_write\_ascii\_  
ftp\_initialization\_  
ftp\_server\_overseer\_  
ftp\_server\_listen\_  
ftp\_command\_processor\_  
ftp\_fs\_commands\_  
ftp\_change\_modes\_  
ftp\_server\_status\_  
ftp\_read\_image\_  
ftp\_write\_image\_  
dev\_file\_transfer\_  
bound\_ftp\_server\_.bind

deleted: ftp\_data\_

04/06/77 1437.4 bound\_ncp\_interface\_ replaced in NET

replaced: ncp\_interface\_  
ncp\_r1\_interface\_

04/06/77 1437.4 bound\_net\_debug\_ replaced in NET

replaced: dump\_logtbl

04/06/77 1437.4 bound\_net\_iosims\_ replaced in NET  
replaced: net\_ascii\_dlm\_state\_  
net\_ascii\_dlm\_xtach\_

04/06/77 1437.4 bound\_net\_status\_ replaced in NET  
replaced: net\_connect\_  
net\_lcp\_server\_  
bound\_net\_status\_.bind

04/06/77 1437.4 bound\_network\_logger\_ replaced in NET  
replaced: logger\_  
net\_tty\_xtach\_  
net\_as\_

04/06/77 1437.4 bound\_net\_tools\_ replaced in NET  
replaced: netcall

04/06/77 1437.4 bound\_net\_io\_support\_ replaced in NET  
replaced: net\_character\_io\_  
net\_character\_xtach\_  
net\_data\_transfer\_

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MCR 2574: Installed new bound\_admin\_tools\_ and bound\_prtdim\_ (TOOLS) with changes to io\_error\_summary and analyze\_device\_stat\_ such that io\_error\_summary will now recognize tapes which are not called "tape" (e.g., tapa or tapb), and so that it will now get the device name from the syserr message and not from the config deck.

04/07/77 1027.7 bound\_admin\_tools\_ replaced in TOOLS  
replaced: io\_error\_summary

04/07/77 1027.7 bound\_prtdim\_ replaced in TOOLS  
replaced: analyze\_device\_stat\_

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MCR 2538: Installed new bound\_absentee\_com\_ with changes to runoff\_abs fixing a bug which was causing redundant device classes to be specified.

04/07/77 1040.7 bound\_absentee\_com\_ replaced in SSS

replaced: runoff\_abs

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MCR 2580: Installed new bound\_fast\_ (UNB) with changes to dfast\_basic\_resequence\_ fixing a bug in resequencing BASIC programs that contain "on" statements.

04/07/77 1106.4 bound\_fast\_ replaced in UNB

replaced: dfast\_basic\_resequence\_

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MCR 2553: Installed new bound\_ti\_term\_ with changes to the initiate command so that it will now accept a control argument of "-all". Please type "help initiate" for more information.

04/07/77 1149.2 initiate.info replaced in INFO

04/07/77 1149.2 bound\_ti\_term\_ replaced in SSS

replaced: terminate

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MCR 2552: Installed new bound\_info\_rtns\_ (SSS) with changes to print\_motd so that it will use lox\_.

04/07/77 1208.1 bound\_info\_rtns\_ replaced in SSS

replaced: print\_motd

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MCR 2572: Installed new oncode\_messages\_ (LANG) adding a delimiter to the end so that interpret\_oncode\_ will work better.

04/07/77 1215.4 oncode\_messages\_ replaced in LANG

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MCR 2352: Installed new bound\_qedx\_ (SSS) with changes to qedx, search\_file\_ and edx\_util\_, fixing the following bugs: Fixes bug in handling regular expressions which caused an extra character to be added at the end of a line on substitution, increases the typewriter input buffer length to accommodate underscored lines, clears default pathname when the associated buffer becomes empty, gives more accurate buffer error messages, saves the default pathname on mode error when writing a buffer, returns to Multics command level when specified macro is not found, and allows the editing of non-ascii characters.

04/07/77 1250.1 bound\_qedx\_ replaced in SSS

replaced:     edx\_util\_  
              search\_file\_  
              qedx

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MCR 2500: Installed new bound\_nstd\_ (SSS) changing the maximum buffer size for nstd\_ and tape\_nstd\_ from 4095 to 4096. nstd\_dlm was changed.

04/07/77 1343.4     tape\_nstd\_.info replaced in INFO

04/07/77 1343.4     bound\_nstd\_ replaced in SSS

replaced:     nstd\_dlm

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MCR 2473: Installed new bound\_fscom1\_ (SSS) with changes to the list command fixing several bugs and adding a new feature, the acceptance of a pathname as an argument without the "--pn" control argument. Please type "help list" and "help list.changes" for more information.

04/07/77 1553.2     list.changes.info replaced in INFO

04/07/77 1553.2     list.info replaced in INFO

04/07/77 1553.2     bound\_fscom1\_ replaced in SSS

replaced:     list