

# MCR10170

## Update >t>crossref.ec to include new >ldd>net library

### Revision 1.0

Eric Swenson

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## 1 Problem Description

The >t>crossref.ec exec.com generates a cross reference of the programs in the Multics libraries. We have recently added the **system\_library\_network** library, and therefore this exec.com needs to get updated to account for this new library.

This MCR corresponds with Multics ticket <https://multics-trac.swenson.org/ticket/405>.

## 2 Proposed Fix

The proposed fix is to simply add one more library to the **crossref.ec** program. The changes are simple and shown below through **compare\_ascii** output:

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```
cpa >t>crossref.ec >ldd>net>xref>==
```

```
A29      & hard | sss | tools | unbundled | online | total
Changed by B to:
B29      & hard | sss | tools | unbundled | network | online | total
```

Inserted in B:

```
B65      &label crl_net
B66      &label crl_network
B67      exec_com &ec_dir>create_crlsub network NETWORK &1
B68      &goto crl_dl_garbage
```

Preceding:

```
A65
A66      &label crl_hard
```

Inserted in B:

```
B85      exec_com &ec_dir>create_crlsub network NETWORK &1
```

Preceding:

```
A81      &goto crl_dl_garbage
```

```
A85      &print          sss, tools, unbundled, online or total.  
Changed by B to:  
B90      &print          sss, tools, unbundled, network, online or total.
```

Comparison finished: 4 differences, 9 lines.

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### 3 Documentation

No changes to the documentation are required as none of this is documented now, other than by the syntax statement emitted by the `exec_com` itself.

### 4 Test

This version of the `exec_com` has already been tested on GHM to generate the new crossref.

### 5 Version History

|            |     |                             |
|------------|-----|-----------------------------|
| 2026-08-31 | 1.0 | Initial version of the MCR. |
|------------|-----|-----------------------------|