

MCR10165

Extend Message Coordinator Source Names to 32 Characters in route, deroute, and reroute MC Commands

Revision 1.0

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1 Problem Description

The Initializer commands **route**, **reroute**, and **deroute** commands limit the message coordinator source name to 8 characters. However, the subroutines and data structures that support these commands allow for up to 32-character message coordinator source names. This MCR proposes to extend the allowed length of the source name to 32 characters in these commands.

Multics ticket <https://multics-trac.swenson.org/ticket/395> describes this deficiency.

2 Proposed Fix

The proposed fix is very simple: update `operator_mc_cmds.pl1` source to declare the `source` variable as `char(32)` rather than the current `char(8)`. No other changes are needed.

The proposed fix is shown below:

```
cpa [lpn operator_mc_cmds_.pl1] ==  
  
A61      dcl source                char (8);                /* Source name, used in  
        "route" */  
Changed by B to:  
B61      dcl source                char (32);                /* Source name, used in  
        "route" */
```

Comparison finished: 1 difference, 2 lines.

3 Documentation

No changes to the document are required because the length limit on source names is not documented.

4 Test

Testing includes using the **route**, **reroute**, and **deroute** commands with source names less or equal to 8 characters, and less than or equal to 32 characters.

5 Version History

2026-07-16	1.0	Initial version of the MCR.
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