DSNlink ECO Kit V1.2A for OpenVMS Release Notes

This document contains release information concerning the DSNlink ECO Kit V1.2A for OpenVMS.

Revision/Update Information:	This document supersedes all previous versions.
Operating System and Version:	OpenVMS AXP™ V1.0 or greater OpenVMS VAX V5.2 or greater
Software Version:	DSNlink ECO Kit V1.2A for OpenVMS.

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Preface

This document describes the ECOs that will be applied to your system, to correct problems reported with DSNlink V1.2 for OpenVMS.

1 Pre-Installation

- DSNlink V1.2 for OpenVMS should be installed and running before installing this ECO kit.
- This ECO Kit is installed with the VMSINSTAL command procedure, as outlined in Chapter 3 of the VMS System Manager's Manual (AA-LA00A-TE).
- This ECO kit requires that DSNlink be shutdown and restarted immediately after installation so that it's changes can take place. It will ask you if you wish to do this as part of the installation; it is recommended that you do so. If you do not shutdown and restart DSNlink, improper operation of DSNlink may occur.

2 ECOs Contained in This Kit

The following fixes and updates are provided by this kit:

- ECO B11 - It was possible for an ITS SHOW DATABASE/FULL command to cause the ITS Server on the host to loose synchronization with the ITS client causing the eventual abort of the client. This kit corrects this problem.
- ECO B14 - Empty files named ".LOG" (no file name, just the .LOG file type) were getting created whenever the DSN-Modem transport was started. This kit corrects this problem.
- ECO B15A - Occasionally a File Copy or Problem Submission job would successfully deliver the information more than once. This kit correctly detects and recovers from this situation.
- ECO B16A - It was possible for a File Copy or Problem Submission job to get a "Bad Parameter" error and requeue. Each attempt to transfer the information resulted in this status, until eventually the job's requeue limit was reached. This kit correctly recovers from this situation.
- ECO B18 - Cust. When using the ITS PRINT command, if the destination print queue did not exist, ITS would abort with an access violation. This kit corrects this problem.
- ECO B19 - Versions of ITS clients prior to V1.2 could see a "trash" character, such as an asterisk or a percent sign, preceding a database description when a SHOW DATABASE XXX command was done. This kit corrects this problem in the ITS server.
- ECO B51 - The DSNlink Transaction Logfile Formatter utility, DSN$FORMAT_TRANSACTION_LOG.COM, could enter a state where it looped indefinitely displaying DCL errors. This kit corrects this problem.
- ECO B58 - The application server logfiles for incoming DSN-X.25 connections had been written to the SYS$SYSTEM directory. This kit has the files placed in the DSN$LOGS directory.
- ECO B61 - DSNlink sites that use the DSN-DECnet or DSN-X.25 transport did not receive the remote system's termination status reason if the remote site aborted the connection. This kit corrects this problem.
- ECO B62 - The DSNlink Transaction Logfile Formatter utility, DSN$FORMAT_TRANSACTION_LOG.COM, did not correctly cleanup after itself when it was aborted with a Control-Y. This kit corrects this problem.

ECOs Contained in This Kit

- ECO B65 - The deferred hangup time for DSNlink file copies across the DSN-Modem transport has been increased to 1½ minutes. This generally will improve the timeliness of responses to problem submissions.
- ECO B72 - When the SAVE/ALL command was done twice in DSN VTX, a VTX protocol error could occur. This kit corrects this problem.
- ECO B107 - The server for the REG application just aborted the connection when it was done, instead of performing an orderly shutdown. This caused an additional exchange of "unexpected termination" messages to be initiated by the REG client. Although this exchange did not cause any noticeable problems, this kit corrects this behavior.
- ECO B108 - The protection on the "DSN$COPY_DIRECTORY" directory should have G:RE protection, not G:RWE. This kit changes the protection on this directory.
- ECO B118 - The kit installation procedure built a startup file on DCN nodes that incorrectly defined the DSN_COMMUNICATIONS_NODE symbol to "DSN$CURNODE". This ECO kit creates a new startup file containing this correction.
- ECO B120 - Your DSN$STARTUP.COM is modified by this ECO kit to check for the SYSLCK privilege.

3 Post-Installation Actions

Review the changes made to DSN$STARTUP.COM to insure that your specific customizations, if any, have been preserved.

This kit does not purge any of the files that it replaces. When you feel comfortable with the new images provided by this kit, you may purge old versions of the files. These files are replaced by this kit:

SYS$LIBRARY:DSN$SHARE.EXE
SYS$LIBRARY:DSN$ITSSHR.EXE
SYS$LIBRARY:DSN$COPYSHR.EXE
SYS$SYSTEM:DSN$MAIN.EXE
SYS$SYSTEM:DSN$NETWORK.EXE
SYS$SYSTEM:DSN$COPY_QUEUE.COM
SYS$MANAGER:DSN$FORMAT_TRANSACTION_LOG.COM
SYS$STARTUP:DSN$STARTUP.COM

4 Sample Installation

Here is a sample installation of this ECO kit:

```
Username: SYSTEM
Password:
      .
      .
      .
$ SET DEFAULT SYS$UPDATE:
$ @VMSINSTAL DSNLINKA012 mtcu:

 VAX/VMS Software Product Installation Procedure V5.5


It is dd-MMM-yyyy at hh:mm.

Enter a question mark (?) at any time for help.
      .
      .
      .
The following products will be processed:

  DSNLINKA V1.2

 Beginning installation of DSNLINKA V1.2 at hh:mm

%VMSINSTAL-I-RESTORE, Restoring product save set A ...
%VMSINSTAL-I-RELMOVED, Product's release notes have been moved to SYS$HELP.

    ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                  This is the DSNlink V1.2A ECO Kit
    ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

%DSNLINKA-I-NEWFILIMG, Providing updated files and images...
%DSNLINKA-I-NEWSTARTUP, Creating your new DSN$STARTUP.COM ...
%DSNLINKA-I-SECFILDIR, Securing files and directories...
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target directories...

    In order for the V1.2A fixes and updates to take effect,
    DSNlink should be shutdown and restarted.

* Do you want to shutdown and restart DSNlink now [Yes]? YES

DSNlink V1.2 for OpenVMS VAX
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DSNlink network process is shutting down
Job DSN$STARTUP (queue SYS$BATCH, entry 82) started on SYS$BATCH

    DSNlink has just been shut down, and the startup procedure
    has been submitted as a batch job.  DSNlink should be running
    again soon.

 Installation of DSNLINKA V1.2 completed at hh:mm

 VMSINSTAL procedure done at 14:53

$
```