BMC is alerting users to a problem in the Log Master for DB2 product.

**Issue**

Problems might occur after a migration to DB2 11 NFM when the Log Master repository is accessed for:

- LOGSCAN with ONGOING processing (which might prevent the start point from advancing)
- LOGSCAN with OVERTIME processing
- Repository maintenance via the online interface or via batch processing using REPOS UPDATE/DELETE syntax

Beginning with Log Master 11.1, the Log Master repository supports extended 10-byte RBA and LRSN values. When running under DB2 11 NFM, the repository must contain only 10-byte RBA and LRSN values. Problems arise if the repository contains both non-extended 6-byte values and 10-byte extended values.

For more information, see Knowledge Article KA421080 on BMC Support Central.

**Resolution**

PTFs BPU7406 and BPU7562 resolve this issue. Complete the following steps to apply the PTFs:
1 Obtain PTFs BPU7406 and BPU7562.

BMC recommends using BMC Internet Service Retrieval (ISR) to obtain PTFs. For information about ISR, see the maintenance information in the *Installation System Reference Manual*.

You can also obtain PTFs from eFix PTF Distribution Services (eFix). You can access eFix directly at [http://efix.bmc.com](http://efix.bmc.com) or from the support site. For information about eFix, see the online Help.

2 When no Log Master jobs will be running, apply PTFs BPU7406 and BPU7562.

---

**Note**

- You should apply the PTFs regardless of your IBM DB2 release and function mode.

- After you apply the PTFs, if Log Master discovers that the DB2 subsystem has been migrated to DB2 11 NFM but the repository contains 6-byte values, you will receive the following message and will need to convert the repository (as explained in the next step):

  BMC097800S REPOSITORY INTERNAL ERROR 14: REPOSITORY CONVERSION TO EXTENDED RBA REQUIRED - BPU7406

---

3 If you are planning to migrate to DB2 11 NFM, convert your Log Master repository as follows at *any time before migrating to DB2 11 NFM*:

1 Make a full backup of the repository (*recommended by BMC*) and ensure that no Log Master jobs will be executing during the conversion.

2 Perform the conversion by specifying an additional prepended parameter, as follows:

   **REPOSCONV** — Perform the conversion and COMMIT the results

   **REPOSCONV_TEST** — Perform the conversion but ROLLBACK the results (test run)

An example follows:

```%
//ALPMAIN EXEC PGM=ALPMAIN,PARM='REPOSCONV_TEST,DKW,,ALPOPTS(ALP$OPTS)' //STEPLIB DD DISP=SHR,DSN=SYS3.DKW.DSNEXIT // DD DISP=SHR,DSN=CSGI.DB2V10M.DSNLOAD // DD DISP=SHR,DSN=BMC.ALP1110.LOADLIB //ALPPRINT DD SYSOUT=*,LRECL=200 //ALPDUMP DD SYSOUT=* %
```
Note

After you convert the repository, the repository should not be shared with any Log Master release earlier than 11.1. After you apply the PTF and convert the repository, if Log Master discovers both 6-byte and 10-byte values in the repository, you will receive the following message and will need to perform the repository conversion again:

BMC097800S REPOSITORY INTERNAL ERROR 15: CONVERTED REPOSITORY INCLUDES NON-EXTENDED RBAS - BPU7406

For more information, see Knowledge Article KA421080 on BMC Support Central. If you have questions, contact Customer Support at 1 800 537 1813 (United States or Canada) or call your local support center.

Where to get the latest product information

To view the latest BMC documents, see the Support Central website at http://www.bmc.com/support.

Notices such as flashes, technical bulletins, and release notes are available on the website. You can subscribe to proactive alerts to receive e-mail messages when notices are issued or updated. For more information about proactive alerts, see the Support Central website.