A serious problem in the following products requires immediate attention:

- LOADPLUS for DB2
- REORG PLUS for DB2

**Issue**

When the following conditions exist, the utility writes an incorrect index header page but completes without an indication of the problem:

- You are running one of the following operations:
  - A LOADPLUS job that specifies either LOAD REPLACE or LOAD RESUME YES INDEX BUILD
  - Any REORG PLUS reorganization except a partial reorganization of an index-controlled table space
- A participating index includes a non-key column.

A subsequent SQL update of that non-key column might not update the index, potentially returning incorrect results from an SQL query that uses index-only access.

**Resolution**

Complete the following procedure:

1. Apply the PTF for the version of the utility that you are running:
<table>
<thead>
<tr>
<th>Product and version</th>
<th>PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOADPLUS 10.2</td>
<td>BPU6754</td>
</tr>
<tr>
<td>LOADPLUS 11.1</td>
<td>BPU6755</td>
</tr>
<tr>
<td>REORG PLUS 10.2</td>
<td>BPU6752</td>
</tr>
<tr>
<td>REORG PLUS 11.1</td>
<td>BPU6753</td>
</tr>
</tbody>
</table>

BMC recommends using BMC Internet Service Retrieval (ISR) to obtain PTFs. For information about ISR, see your product’s installation guide.

You can also obtain PTFs from eFix PTF Distribution Services (eFix). You can access eFix directly at [http://apps.bmc.com/support/efix.cgi](http://apps.bmc.com/support/efix.cgi) or from the support site.

2 Correct any indexes that were affected by the problem:

   a Identify potentially affected indexes based on the criteria described in “Issue” on page 1.

   The following SQL statement can help you identify these indexes:

   ```sql
   SELECT
     SUBSTR(TB.DBNAME,1,8)    AS TB_DBNAME,
     SUBSTR(TB.TSNAME,1,8)    AS TB_TSNAME,
     SUBSTR(IX.TBCREATOR,1,8) AS TB_CREATOR,
     SUBSTR(IX.TBNAME,1,18)   AS TB_NAME,
     SUBSTR(IX.CREATOR,1,8)   AS CREATOR,
     SUBSTR(IX.NAME,1,18)     AS NAME,
     KE.COLSEQ
     ,SUBSTR(KE.COLNAME,1,18) AS COLNAME,
     KE.ORDERING
     ,SUBSTR(IX.INDEXSPACE,1,8) AS IX_SPACE
   FROM  SYSIBM.SYSTABLES    TB
   INNER JOIN
   SYSIBM.SYSINDEXES   IX
   ON  IX.TBCREATOR     = TB.CREATOR
   AND IX.TBNAME        = TB.NAME
   INNER JOIN
   SYSIBM.SYSKEYS      KE
   ON  IX.CREATOR       = KE.IXCREATOR
   AND IX.NAME          = KE.IXNAME
   WHERE     KE.ORDERING = ' '
   ORDER BY
     1,2,3,4,5,6,7
   ;
   ```

   b To determine whether these indexes were affected, run the IBM DB2 CHECK INDEX utility.

   For affected indexes, this utility reports a keys mismatch error.

   c Rebuild the affected indexes, using your organization’s standard procedure.

   **Note**

   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.

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