BMC CDB/Auto-Online Reorg *for DB2 for z/OS* and BMC Next Generation Technology Reorg *for DB2 for z/OS*

April 29, 2016

Tracking number QM001991431: NGT Reorg might incorrectly stop the table space when you specify the RBALRSN_CONVERSION option and a failure occurs

A serious problem in the following products requires immediate attention:

- Version 9.4.00 of BMC CDB/Auto-Online Reorg *for DB2 for z/OS*
- Version 11.2.00 of BMC Next Generation Technology Reorg *for DB2 for z/OS* (NGT Reorg)

*Note*

With version 11.2.00, the name of BMC CDB/Auto-Online Reorg changed to BMC Next Generation Technology Reorg (abbreviated as NGT Reorg).

**Issue**

NGT Reorg incorrectly stops the table space and its associated indexes when the following conditions exist:

- You specify the RBALRSN_CONVERSION option.
- The +CLEANUP(YES) parameter is in effect.
- A failure occurs during the Change Apply/Rename phase of the reorganization.

  This type of failure typically occurs when the drain fails after exhausting all retry attempts.

Due to the objects being stopped, you might experience an unexpected application outage. The duration of the stopped status depends on whether the stop process is successful:

- When the listed conditions exist, the stop process typically fails, resulting in the objects involved in the reorganization being placed in STOP pending (STOPP) status. The reorganization terminates, and the requested conversion does not occur.

- If the stop process is successful, the reorganization completes normally and starts the object in read/write (RW) status.
Resolution

The following table lists the PTFs that resolve this issue:

<table>
<thead>
<tr>
<th>Product and version</th>
<th>PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC CDB/Auto-Online Reorg, version 9.4.00</td>
<td>P9400022</td>
</tr>
<tr>
<td>NGT Reorg, version 11.2.00</td>
<td>BPU8898</td>
</tr>
</tbody>
</table>

For BMC CDB/Auto-Online Reorg, use your standard method for obtaining fixes. If you need assistance, contact BMC Customer Support.

For NGT Reorg, 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.

Applying the PTF does not start any table spaces that are in STOPP status due to this issue. Use the following procedure to fix those table spaces:

1. Identify potentially affected table spaces based on the information in “Issue” on page 1.

2. Determine whether the failed utility is in must-complete status by running NGTDISP or CDBDISP with the MUSTCOMPLETE parameter.
   - If the utility is not listed in the resulting report, it is not in must-complete status.

3. Take the appropriate action as follows:
   - If the utility *is not* in must-complete status, start the table space and its associated objects.
   - If the utility *is* in must-complete status, contact Customer Support.

*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.

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.

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