APPTUNE for DB2
Version 11.1.00 and 11.2.00
January 15, 2016
Tracking number QM001891647: Running SQL statements in threads that do not access buffer pools might cause high CPU usage in the allied address space or DB2 MSTR address space, delay SQL execution, or report inaccurate buffer pool data

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

Issue

When SQL statements are running in threads that do not access buffer pools, using APPTUNE to collect buffer pool data might cause the following problems:
- Excessive CPU usage in the allied address space or the DB2 MSTR address space
- Delayed SQL execution
- Inaccurate reporting of buffer pool data

The following modules cause the problems:

<table>
<thead>
<tr>
<th>Product</th>
<th>Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPTUNE 11.1</td>
<td>IODXAGQB</td>
</tr>
<tr>
<td>APPTUNE 11.2 (when monitoring the IBM DB2 Version 10 subsystem)</td>
<td>IODXGQBA</td>
</tr>
<tr>
<td>APPTUNE 11.2 (when monitoring DB2 Version 11)</td>
<td>IODXGQBB</td>
</tr>
</tbody>
</table>

Resolution

The following table lists the PTFs that resolve this issue:

<table>
<thead>
<tr>
<th>Version</th>
<th>PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1.00</td>
<td>BPU8590</td>
</tr>
<tr>
<td>11.2.00</td>
<td>BPU8591</td>
</tr>
</tbody>
</table>
If you need a workaround before applying the PTF, you can disable the option for collecting buffer pool data by setting the APPTUNE filter as follows:

Collection Options (Y=Yes, N=No)
Buffer pool data . . N
Lock data . . . . Y
SQL text data . . . Y (Y=Yes,N=No,S=Static only,D=Dynamic only)
SQL statement counts Y Object data . . . . N

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 or from the support site. For information about eFix, see the online Help.

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.

© Copyright 2016 BMC Software, Inc.

BMC, BMC Software, and the BMC Software logo are the exclusive properties of BMC Software, Inc., are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other BMC trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners.

DB2 and IBM are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

The information included in this documentation is the proprietary and confidential information of BMC Software, Inc., its affiliates, or licensors. Your use of this information is subject to the terms and conditions of the applicable End User License agreement for the product and to the proprietary and restricted rights notices included in the product documentation.

BMC SOFTWARE INC
2101 CITYWEST BLVD, HOUSTON TX 77042-2827, USA
Telephone 1 713 918 8800 (or 1 800 841 2031 United States and Canada)
Customer Support: 1 800 537 1813 (United States and Canada) or contact your local support center