BMC Application Accelerator for IMS
Version 1.1.00
July 25, 2014
Tracking number Knowledge Article 000089882, QM001812537, QM001813388, and QM001818991: Small program enhancements and documentation updates are available

BMC is announcing small program enhancements (SPEs) and documentation updates for the BMC Application Accelerator product for the IBM IMS environment.

Note
If you have questions, contact Customer Support at 1 800 537 1813 (United States or Canada) or call your local support center.

Enhancements

The SPEs enable Application Accelerator to support job steps that use the following IMS elements:

- Boolean AND operator in segment search arguments (SSAs)

  Note
  Application Accelerator does not support other Boolean operators.

- PROCSEQ parameter

  Note
  Application Accelerator does not support

  - PROCSEQs that require logical database definitions
  - PROCSEQs for databases with hierarchical pointers where the target of the index is not the root
  - PROCSEQs for any database with symbolic pointers where the target of the index is not the root

- Program specification blocks that specify POS=M
- Database calls that include command code F in SSAs

  **Note**
  Application Accelerator does not support database calls that include SSA command codes L, U, O, or V.

PTFs that implement the SPEs are bundled with the following prerequisite PTFs.

- BPQ9959
- BPQ9960
- BPQ9961
- BPQ9962
- BPQ9963

For more information, search the Knowledge Base for article 000089882. You can access the Knowledge Base directly at http://www.bmc.com/available/search-kb.html or from the BMC Support Central website (http://www.bmc.com/support).

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 or from the support site.

  **Note**
  If you have questions, contact Customer Support at 1 800 537 1813 (United States or Canada) or call your local support center.

---

**Documentation updates**

The next edition of the *BMC Application Accelerator for IMS User Guide* will contain the following new information.

**Optimization for IMS DLI and DBB job steps**

For batch job steps that execute in IMS DLI or DBB regions, Application Accelerator can optimize performance by modifying runtime attributes as follows:

- Optimize DFSVSAMP buffer pools
Enable OSAM buffer pools

Intercept DL/I calls and perform them by using a more efficient set of I/O routines

DLI and DBB job steps are eligible for optimization if they issue a minimum of 10,000 DL/I "read" calls. No JCL changes are required.

**Optimization for IMS BMP job steps**

For IMS batch message processing (BMP) job steps, Application Accelerator can optimize performance by using a more efficient set of I/O routines to perform DL/I "get" calls under optimized buffering.

BMP job steps are eligible for optimization if the following conditions exist:

- The job step uses a program specification block (PSB) that includes a program communication block (PCB) specifying PROCOPT=GO* ("read without integrity").
- The job step issues a minimum of 100,000 DL/I calls through the PROCOPT=GO* PCB.
- If the PSB also includes a PCB that specifies update intent, that PCB is not used for the same database as the PROCOPT=GO* PCB (or is not used for any calls at all).

No JCL changes are required.

**Unsupported database types**

Application Accelerator does not support the following types of databases:

- Fast Path databases
- Databases that are defined with logical DBDs
- Databases that are defined with virtual logical segments
- Hierarchical sequential access method (HSAM) databases
- Simple hierarchical sequential access method (SHSAM) databases
- Generalized sequential access method (GSAM) databases
No optimization of BMC Application Director jobs

Application Accelerator does not optimize batch jobs that execute under the control of the BMC Application Director for IMS product.

Use Custom I/O for Update Procopts parameter

The Use Custom I/O for Update Procopts parameter (which can also be controlled by using the PROCOPTA keyword) applies to DLI and DBB programs only. It does not apply to BMPs.

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 2014 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.

IBM and IMS 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.