BMC Software is releasing version 1.0.00 of the BMC Application Accelerator product for the IBM® IMS™ environment.

___**NOTE**___

Before you begin installation, BMC recommends that you check the Support Central website at [http://www.bmc.com/support](http://www.bmc.com/support) for:

- Updated product documentation (for example, flashes and technical bulletins)
- Product downloads, patches, and fixes (PTFs)
- Product availability and compatibility (PAC) data

These release notes supplement and supersede the product documentation and discuss product enhancements:

- Application Accelerator overview .................................................. 2
- Installation ................................................................. 3
  - Requirements .......................................................... 3
  - Installation changes .................................................. 4
- FMID and version information .................................................. 4
- Maintenance .............................................................. 6
- Configuration ........................................................... 6
- Support status .......................................................... 7
- Product documentation .................................................. 7
- Customer support ...................................................... 7
Application Accelerator overview

Application Accelerator is a new BMC product that improves the performance and efficiency of job steps in IMS batch applications.

**NOTE**

For a short video demonstration of the product, view the Quick Course Application Accelerator for IMS - Getting Started. You must have a BMC Support ID to view the Quick Course.

Application Accelerator can significantly reduce:

- CPU usage
- I/O activity
- Application processing time
- Time required for tuning job steps

Based on established policies or JCL specifications, Application Accelerator interacts with eligible job steps as follows:

- Monitors applications to analyze the characteristics and behavior of individual job steps for the number of executions that you designate

- Optimizes applications by using BMC proprietary access methods and modifying runtime attributes, based on observed past behavior

After observing real-world characteristics of each application job step, Application Accelerator automatically chooses techniques that are best suited for that step.

Without Application Accelerator, manual tuning results can suffer from a lack of real-world information or from generic, one-size-fits-all specifications. Also, as conditions change over time, tuning might become less effective than when first implemented.

In contrast, with Application Accelerator, tuning yields superior results, benefiting from BMC custom I/O techniques and the step’s observed on-going behavior over time.

**NOTE**

For more detailed information, see the BMC Application Accelerator for IMS User Guide.
Installation


NOTE
To request physical shipments, contact your BMC sales representative. Contact information is available on the BMC website.

Application Accelerator is installed by using the Installation System. This section contains installation information that supplements or supersedes the information in the Installation System User Guide.

Requirements

For software, hardware, and other requirements, see the Installation System User Guide and the BMC Application Accelerator for IMS User Guide.

The following requirements also apply to Application Accelerator.

Requirements for existing CPC components

If you are already using Cross Product Connectivity (CPC) components with other BMC products, you must prepare these components for Application Accelerator installation. If you are not already using CPC components, you can ignore this requirement.

To prepare existing CPC components for Application Accelerator installation

1. Back up your CPC repositories.

2. Apply the following required PTFs (included in PUT1202B) to ensure that you can fall back to an earlier release without an IPL.

<table>
<thead>
<tr>
<th>FMID</th>
<th>CPC version</th>
<th>PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZCPC190</td>
<td>1.9</td>
<td>BPQ7511</td>
</tr>
<tr>
<td>ZCPC240</td>
<td>2.4</td>
<td>BPQ7512</td>
</tr>
</tbody>
</table>
Requirements for MainView Batch Optimizer

Application Accelerator can integrate with the Data Optimizer component of the BMC MainView Batch Optimizer product. To integrate these products, you must have installed MainView Batch Optimizer version 2.6 with PTF BPB1359 applied, or a later version.

Requirements for APPLICATION RESTART CONTROL

If you use an APPLICATION RESTART CONTROL (AR/CTL) product from BMC, version 3.9.00 is the minimum level for integration between Application Accelerator and AR/CTL.

Requirements for Strobe

If you use the Compuware Strobe product, you must apply certain Strobe PTFs for coexistence with Application Accelerator. As of March 8, 2013, the following PTFs are known requirements:

<table>
<thead>
<tr>
<th>Strobe version</th>
<th>Strobe PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2</td>
<td>V02746A</td>
</tr>
<tr>
<td>4.3</td>
<td>U02746A</td>
</tr>
<tr>
<td>4.4</td>
<td>SBA045A</td>
</tr>
</tbody>
</table>

For information about current requirements, see the Strobe documentation or contact Compuware.

Installation changes

For information about installation changes, see the Installation System release notes.

FMID and version information

This release of Application Accelerator uses the following versions of the Installation System and installation media:

- Version 2.3.50 or later of the Installation System
- Version 2.3.50 or later of the installation media
During installation, the following versions and SMP/E FMIDs are installed:

<table>
<thead>
<tr>
<th>FMID</th>
<th>Product or component</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS_C and SAS_C++ V71</td>
</tr>
<tr>
<td>BBAPW32</td>
<td>BMC Password Security System</td>
</tr>
<tr>
<td>BBBBP11</td>
<td>BMC Primary Subsystem</td>
</tr>
<tr>
<td>BBBCS11</td>
<td>BMC Subsystem</td>
</tr>
<tr>
<td>BBYXM13</td>
<td>Base Technology</td>
</tr>
<tr>
<td>VICO130</td>
<td>IMS Common Code - Region Controller</td>
</tr>
<tr>
<td>XICO120</td>
<td>IMS RECON Reader for DBRC</td>
</tr>
<tr>
<td>YICO110</td>
<td>IMS Common/TM</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
</tr>
<tr>
<td>ZBRI450</td>
<td>Backup and Recovery products for IMS</td>
</tr>
<tr>
<td>ZCPC240</td>
<td>Cross Product Connectivity</td>
</tr>
<tr>
<td>ZDBU480</td>
<td>Classic Database Utilities for IMS</td>
</tr>
<tr>
<td>ZDHS053</td>
<td>DNA Host Services</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C Runtimes and C++ objects</td>
</tr>
<tr>
<td>ZDLI480</td>
<td>EP Database Utilities for IMS</td>
</tr>
<tr>
<td>ZICO130</td>
<td>IMS Common Code - Content Config GUI</td>
</tr>
<tr>
<td>ZLGB110</td>
<td>BMC Sort Services</td>
</tr>
<tr>
<td>ZMRE110</td>
<td>Rules Engine C code</td>
</tr>
<tr>
<td>ZPFP310</td>
<td>Fast Path/EP</td>
</tr>
<tr>
<td>ZSMF540</td>
<td>SmartDBA Mainframe</td>
</tr>
<tr>
<td>ZUIM540</td>
<td>UIM User Interface Middleware</td>
</tr>
<tr>
<td>ZUSC540</td>
<td>UIM Common Services</td>
</tr>
<tr>
<td>ZXBM560</td>
<td>Extended Buffer Manager code</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for Application Accelerator only. You can also obtain product, solution, and component information (FMIDs, codes, and versions) in the following ways:

- View the $B76APLF JCL member.

  To search the file, search on the word FORFMID.
■ View one of the following reports:

— bxx_ozi_tape_product_list.txt lists products and components for the B-series installation (shared and infrastructure products).

— cxx_ozi_tape_product_list.txt lists products and components for the C-series installation (BMC products for IBM DB2®).

— ixx_ozi_tape_product_list.txt lists products and components for the I-series installation (BMC products for IMS).

— mxx_ozi_tape_product_list.txt lists products and components for the M-series installation (MainView products).

To access the reports on the BMC electronic software distribution (ESD) site, take the following steps:


2. Click Electronic Downloads.

3. Click readme.

4. In the “Before you begin” section, click a product media listing.

**Maintenance**

After you install Application Accelerator, you can download any additional SMP/E maintenance by using either BMC Internet Service Retrieval (ISR) or eFix PTF Distribution Services (http://apps.bmc.com/support/efix.cgi). BMC ISR is available for all products that you install by using the Installation System. For more information, see the Installation System User Guide.

BMC recommends that you search for, obtain, and apply all available PTFs for FMIDs that are associated with the product.

**Configuration**

Trial-mode components for Application Accelerator do not require configuration. You must configure production-mode components as described in the Database Products for IMS Configuration Guide. You must set up trial-mode and production-mode components for use as described in the BMC Application Accelerator for IMS User Guide.
Support status

You can find the support status for specific product versions on the Support Central website. Selecting a product from the “A – Z Supported Product List” shows:

- All versions of the product and their current support levels (full or limited)
- Dates on which support ends

For more information about the latest support policies, see the Support Central website at http://www.bmc.com/support.

Product documentation

From the Support Central website (http://www.bmc.com/support), you can:

- Link to the BMC Documentation Center (https://webapps.bmc.com/infocenter/index.jsp) to browse documentation sets

  **NOTE**
  
  The BMC Application Accelerator for IMS User Guide is not included in the March 2013 release of the Documentation Center. You can obtain this guide from the “A – Z Supported Product List.”

  
  - View BMC Quick Course Demos (short overviews of selected product concepts, tasks, or features), which are included in the BMC Documentation Center
  - View individual product documents (books and notices) within the “A – Z Supported Product List”

You can order hardcopy documentation from your BMC sales representative or from the support site. You can also subscribe to proactive alerts to receive e-mail messages when notices are issued.

Customer support

If you have problems with or questions about a BMC product, see the support website at http://www.bmc.com/support. You can view or download product documents, find answers to frequently asked questions, and download products and maintenance. If you do not have access to the web and you are in the United States or Canada, contact Customer Support at 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.