BMC originally issued these release notes on June 25, 2013. They are being reissued to describe support for the IBM® DB2® Version 11 system. Revision bars in these release notes denote differences from previous editions.

BMC Software is releasing version 6.1.00 of the EXTENDED BUFFER MANAGER (XBM) product and its related SNAPSHOT UPGRADE FEATURE (SUF) technology.

**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:

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What’s new

These topics describe the changes or new features in this release.

DB2 Version 11 support

XBM now supports the IBM DB2 Version 11 system.

Changes to snapshot support for EMC devices

XBM now includes the following changes in its support of EMC devices:

- XBM now supports IBM FlashCopy® for EMC devices, depending on the availability of the EMC SYMMETRIX CONTROL FACILITY (EMCSCF) and FlashCopy-enabled EMC devices in the environment.
  - If EMCSCF software is enabled, XBM uses the EMC TimeFinder functionality for snapshot processing.
  - If EMCSCF software is not enabled and the EMC devices support FlashCopy, XBM uses the FlashCopy functionality for snapshot processing.

- If a snapshot initially fails on an EMC storage device in an environment where the EXTENTALLOCATION parameter is set to AUTO, XBM now automatically retries the snapshot with the EXTENTALLOCATION parameter set to Y (yes).

Coupling Facility (CF) statistics

XBM was enhanced to update the Coupling Facility (CF) statistics (including the HWM — High Water Mark for Storage and Directories value) whenever a snapshot fails due to the coupling facility being full. When a CF full error occurs, XBM now generates an error with reason code 2128.
The following new message is displayed in the DISPLAY XBM output:

BMC73833ICF Structure structureName storage: used = amountUsed K, HWM = highWaterMarkUsed K, total allocation = totalAlloc K.

Explanation: This message summarizes usage information for the Coupling Facility (CF) cache. The message indicates the name of the structure, how much storage is currently being used, the highest historical usage, and the total space allocated for the cache.

User Response: No response is required.

Additional DISPLAY COMPONENT output

When you issue the DISPLAY COMPONENT command, the output now displays a message if the component is not active. XBM also checks the status of component hooks and issues a message if any are disabled.

| BMC73050I | 15.19.09 XBMN ROU * DIS COMP VSAM |
| BMC73050I | 15.19.09 XBMN DIS COMP VSAM |
| BMC73055I | 15.19.09 XBMN VSAM component not active |
| BMC73050I | 15.19.09 ACP3 DIS COMP VSAM |
| BMC73055I | 15.19.09 ACP3 VSAM component not active |
| BMC73050I | 15.19.09 ACP2 DIS COMP VSAM |

Incorporation of SPEs

This release incorporates changes that were introduced in the following small programming enhancements (SPEs):

<table>
<thead>
<tr>
<th>Original SPE date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2010</td>
<td>Provided a new XBM component that enables use of IBM System z® Integrated Information Processors (zIIPs).</td>
</tr>
<tr>
<td></td>
<td>The new component gives supported BMC products the option to use enclave service request blocks (SRBs) to enable zIIP processing while running jobs.</td>
</tr>
<tr>
<td>August 2009</td>
<td>Enabled support of EMC virtual devices.</td>
</tr>
<tr>
<td></td>
<td>To use virtual volumes, you must configure XBM and set Storage Systems Integration (SSI) options to recognize these devices.</td>
</tr>
</tbody>
</table>
Removal of obsolete functionality

This release streamlines the XBM product and interface by removing obsolete functionality.

Installation

Download the latest version of XBM by using the Electronic Product Distribution (EPD) facility. You can navigate to the EPD page from the Support Central website at http://www.bmc.com/support.

NOTE

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

XBM and SUF are installed by using the BMC Installation System. This section contains installation information that supplements or supersedes the information in the Installation System User Guide and BMC Products and Solutions for DB2 Configuration Guide.

Requirements

For software, hardware, and other requirements, see the Installation System User Guide.

Installation changes

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

FMID and version information

This release of XBM uses version 2.3.60 or later of the Installation System and installation media.
During installation, the following versions and SMP/E FMIDs are installed:

<table>
<thead>
<tr>
<th>FMID</th>
<th>Product or component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS C and SAS C++</td>
<td>7.1</td>
</tr>
<tr>
<td>BBAPW32</td>
<td>BMC Password Security System</td>
<td>3.2</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
<td>1.5</td>
</tr>
<tr>
<td>ZXBM610</td>
<td>EXTENDED BUFFER MANAGER</td>
<td>6.1</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for XBM 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 IBM 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:

1. Go to the “OS/390 and z/OS Installation System” section of the BMC Support Central website ([http://www.bmc.com/support/downloads-patches/installation-system.html](http://www.bmc.com/support/downloads-patches/installation-system.html)).

2. Click **Electronic Downloads**.

3. Click **readme**.

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

After you install XBM, 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.

**NOTE**
Before applying maintenance, ensure that you have completed the $B76APLF job to set up your maintenance environment.

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/confcenter/index.jsp) to browse documentation sets
- 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](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 1 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.

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