BMC is releasing version 6.2.00 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 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.

The following topics are discussed:

- What's new
- Space map updates
- Statistics interval
- Device support
- ESO hiperspace
- Documentation changes
- BMC Documentation Center changes
- Installation
- Requirements
- Installation changes
- Migration considerations
- FMID and version information
- Maintenance
- Support status
- Product documentation
- Customer support
What's new

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

Space map updates

XBM now provides space map update monitoring by utilizing snapshot technology.

This functionality enables certain features in the utilities that call XBM or SUF. For this release, space map update monitoring enables native support of the SHRLEVEL CHANGE RESETMOD YES option in the BMC COPY PLUS for DB2 product.

Statistics interval

The default statistics interval has been increased to 3600 seconds.

Device support

XBM no longer supports IBM RAMAC Virtual Array (RVA) and Oracle StorageTek Shared Virtual Array (SVA) devices.

ESO hiperspace

Use of ESO hiperspace is now obsolete.

Information about ESO hiperspace in the documentation will be removed in a future release.

Documentation changes

This release includes the following documentation changes:

- Information was added to the reference manual for the following features. These features were provided via PTF to XBM 5.6.00 and incorporated in XBM 6.1.00:
— You can now use the + symbol to restrict a query for an XBM subsystem to one on which a particular component is active.

— The SET FCTOPPRCPRIMARY command has been replaced with separate comparable commands for IBM, Hitachi, and EMC storage devices.

■ In addition to the Installation System Reference Manual, BMC now provides the Installation System Quick Start, which enables you to quickly install the product with the Installation System.

■ The name of the BMC Products and Solutions for DB2 Configuration Guide has changed to BMC Products and Solutions for DB2 Customization Guide.

BMC Documentation Center changes

The primary BMC Documentation Center is now available without a support login. This center offers:

■ Documentation and Quick Courses for all products except Cost Optimization products

■ Messages for all products, including Cost Optimization products

A new, secured Cost Optimization Documentation Center offers documentation and Quick Courses for the following products:

■ BMC Application Accelerator for IMS

■ BMC Cost Analyzer for zEnterprise (CAzE)

■ BMC Intelligent Capping for zEnterprise (iCap)

■ BMC Subsystem Optimizer for zEnterprise (Subzero)

Note
You must log in using your BMC Support ID to access the Cost Optimization Documentation Center.

To access the Documentation Centers, go to:

■ BMC Documentation Center

■ BMC Cost Optimization Documentation Center
Installation

To download the latest version of the Installation System, complete these steps:

1. Go to http://www.bmc.com/support/reg/installation-system.html, or navigate to the “BMC data management for DB2 and IMS, MainView, and cost optimization products installation and maintenance” section of the BMC Support Central website.
   A BMC support user ID and password are required.

2. Click Installation.

3. Follow the procedures.

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

   XBM is installed by using the Installation System. This section contains installation information that supplements or supersedes the information in the Installation System documentation.

Requirements

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

Installation changes

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

Migration considerations

XBM tolerates interoperation between two consecutive releases (for example, 6.1 and 6.2) for migration purposes.

The following considerations apply to this toleration:
When operating in a mixed environment, do not attempt to use features that have been added in the latest release. If XBM sends these requests to a subsystem that is using the previous release of XBM, XBM might abend.

Do not operate long term in a mixed environment. BMC recommends that you migrate your entire environment as soon as you can.

BMC provides limited support for interoperability problems.

For migration from XBM 6.1 to 6.2, complete the following steps:

1. Install PTF BPE0440 into the XBM 6.1 load library.
   After installing this PTF, if XBM 6.1 encounters a request for an XBM 6.2 feature, XBM fails gracefully instead of abending.

2. Ensure that all maintenance has been applied for both releases of XBM.

3. For each XBM in a sysplex group, complete the following steps:
   a. If there are active snapshots, bring XBM 6.2 into the XBM sysplex group on each system before you stop the XBM on that system.
   b. Start the updated XBM 6.2 system.
      Active snapshots will be synchronized with the new XBM version.
   c. Stop XBM 6.1 on that system.

**FMID and version information**

This release of XBM uses version 2.4.10 of the Installation System.

*Note*
If you have a later version of the Installation System, use that version to install the solution, product, or component.

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>7.1.00</td>
</tr>
<tr>
<td>BBASC70</td>
<td>SAS_C</td>
<td>7.0.00</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
<td>1.5.00</td>
</tr>
<tr>
<td>ZBST100</td>
<td>BMC Support Tool</td>
<td>1.0.00</td>
</tr>
<tr>
<td>FMID</td>
<td>Product or component</td>
<td>Version</td>
</tr>
<tr>
<td>------------</td>
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<td>---------</td>
</tr>
<tr>
<td>ZPWD330</td>
<td>BMC Password Security System</td>
<td>3.3.00</td>
</tr>
<tr>
<td>ZXB620</td>
<td>EXTENDED BUFFER MANAGER</td>
<td>6.2.00</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 generated installation JCL member $176APLF.
  To search the file, search on the word FORFMID.

- View one of the following reports:
  - `bxx_ozi_tape_product_list.txt` lists FMIDs for cost optimization products, products shared across product lines, and infrastructure products.
  - `cxx_ozi_tape_product_list.txt` lists FMIDs for BMC products for IBM DB2.
  - `ixx_ozi_tape_product_list.txt` lists FMIDs for BMC products for IBM IMS.
  - `mxx_ozi_tape_product_list.txt` lists FMIDs for MainView products.

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

1. Go to [http://www.bmc.com/support/reg/installation-system.html](http://www.bmc.com/support/reg/installation-system.html), or navigate to the “BMC data management for DB2 and IMS, MainView, and cost optimization products installation and maintenance” section of the BMC Support Central website.

2. Click Product codes and FMIDs.

3. Click one of the listed reports.

## Maintenance

After you install your software, you can download any additional SMP/E maintenance by using either BMC Internet Service Retrieval (BMC ISR) or eFix PTF Distribution Services ([http://apps.bmc.com/support/efix.cgi](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 documentation.
Note

Before applying maintenance, ensure that you have successfully run the $176APLF 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 to browse documentation sets (http://www.bmc.com/available/documentation-center.html or, for secured documentation sets, http://www.bmc.com/available/documentation-center-secure.html)

- View Quick Course videos (short overviews of selected product concepts, tasks, or features), which are available from the following locations:
  — Documentation Center
  — Support Central (at http://www.bmc.com/support/mainframe-demonstrations)
  — BMC Mainframe YouTube channel (https://www.youtube.com/user/BMCSoftwareMainframe)

- View individual product documents (books and notices) within the “A – Z Supported Product List” (https://webapps.bmc.com/support/faces/az/supportlisting.jsp)
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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