BMC is releasing version 1.1.00 of the BMC Workbench for DB2 product.

BMC Workbench is available as a component of the following solutions:

- BMC High Speed Utilities for DB2
- BMC Object Administration for DB2
- BMC Performance for DB2 Databases
- BMC Performance for DB2SQL
- BMC Recovery for DB2

**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 data

These release notes supplement and supersede the product documentation and discuss product enhancements and resolved problems.

The following topics are discussed:

- What's new ......................................................................................................................... 2
- Statistics migration ........................................................................................................... 2
- Support for IBM DB2 Analytics Accelerator for z/OS ................................................... 2
- Index on expression ......................................................................................................... 2
- DB2 support ..................................................................................................................... 3
- Summary of enhancements since the BMC Workbench June 2013 release ............... 3
- BMC Documentation Center changes ........................................................................... 3
- Documentation changes ................................................................................................. 4
- Installation ....................................................................................................................... 4
What's new

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

Statistics migration

BMC Workbench lets you migrate the access-path statistics for a set of objects from one subsystem to another, or from one schema to another within the same subsystem.

For more information, view the Quick Course "Workbench for DB2 - Migrating Statistics."

Support for IBM DB2 Analytics Accelerator for z/OS

BMC Workbench now lets you view lists of the following IBM DB2 Analytics Accelerator for z/OS objects:

- Accelerators associated with an IBM DB2 subsystem or DB2 data sharing group
- Tables defined to an accelerator
- Packages that have been bound with an accelerator option

Index on expression

When you define a What-If index scenario during the SQL Tuning process, you can now add an index based on an expression.
DB2 support

BMC Workbench supports DB2 Version 10 new-function mode (NFM) and later.

Summary of enhancements since the BMC Workbench June 2013 release

Following the original release of BMC Workbench in June 2013, some significant features were made available via PTFs accompanying small program enhancements (SPEs).

Version 1.1.0 of the BMC Workbench product now includes all of these additional features:

■ Lets you tune a SQL statement, by evaluating the potential performance of a SQL statement by creating an index, dropping an index, or updating index statistics. This feature is available if you have a license for BMC Performance for DB2SQL

■ Supports the following DML statements:
  — SELECT
  — INSERT
  — UPDATE
  — DELETE

■ Lets you use a Connection Manager to define a local or a remote DB2 connection via a single User Interface Middleware (UIM) server

■ Lets you use the Template Manager to organize templates hierarchically in user-defined folders, making it easier to find the templates that you need

■ Lets you use System Authorization Facility (SAF) resources to manage individual user-access to Workbench functions.

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

**Documentation changes**

This release includes the following documentation changes:

- The name of the *BMC Global Infrastructure Administration Guide* has changed to *BMC Infrastructure Components Administration Guide*.

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

- 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.

**Installation**

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

1. Go to [http://www.bmc.com/support/reginstallation-system.html](http://www.bmc.com/support/reginstallation-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**

BMC recommends updating the Installation System each time you use it to ensure that you have the most recent information. To do so, on the Installation System Main Menu, select **Check for Installation System Update**. For additional information, see the **Installation System Reference Manual**. To request physical shipments, contact your BMC sales representative. Contact information is available on the BMC website.

BMC Workbench 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.

**FMID and version information**

This release of BMC Workbench 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++ V71</td>
<td>7.1</td>
</tr>
<tr>
<td>LOSZ120</td>
<td>RTCS C Library</td>
<td>2.0</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1</td>
</tr>
<tr>
<td>ZDBCA10</td>
<td>DB2 Component Services</td>
<td>10.1</td>
</tr>
<tr>
<td>ZDHS053</td>
<td>DNA Host Services</td>
<td>5.3</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and c++ objects</td>
<td>1.9</td>
</tr>
<tr>
<td>ZGUD110</td>
<td>BMC Workbench for DB2</td>
<td>1.1</td>
</tr>
<tr>
<td>ZLGCA10</td>
<td>DB2 Product Configuration</td>
<td>10.1</td>
</tr>
<tr>
<td>ZOSZ120</td>
<td>RTCS Kernel</td>
<td>2.0</td>
</tr>
<tr>
<td>ZSMF540</td>
<td>SmartDBA MainFrame</td>
<td>5.4</td>
</tr>
<tr>
<td>ZUIM540</td>
<td>UIM User Interface Middleware</td>
<td>5.4</td>
</tr>
<tr>
<td>ZUSC540</td>
<td>UIM Common Services</td>
<td>5.4</td>
</tr>
<tr>
<td>ZUWS540</td>
<td>UIM Web Services</td>
<td>5.4</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for BMC Workbench 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).

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 (primary center and secured 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. 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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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