BMC is releasing version 11.2 of the BMC System Performance for DB2 solution.

The BMC System Performance for DB2 solution includes the following products:

- MainView for DB2
- Pool Advisor for DB2
- OPERTUNE for DB2
- CATALOG MANAGER for DB2 Browse function

**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 data

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

The following topics are discussed:

- What's new ......................................................................................................................... 2
- BMC System Performance for DB2 .................................................................................. 2
- MainView for DB2 ........................................................................................................... 2
- Pool Advisor for DB2 ..................................................................................................... 9
- CATALOG MANAGER for DB2 Browse function ......................................................... 10
- BMC Documentation Center changes ........................................................................... 13
- Documentation changes ............................................................................................... 14
- Installation ......................................................................................................................... 14
- Requirements .................................................................................................................... 15
- Installation changes ......................................................................................................... 15
- FMID and version information ....................................................................................... 15
What's new

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

Note
There are no changes to the OPERTUNE for DB2 product.

BMC System Performance for DB2

These topics describe the changes or new features in this release of BMC System Performance for DB2.

End of support for IBM DB2 Version 9 systems

Starting with this release, the BMC System Performance solution does not support IBM DB2 Version 9. Earlier releases continue to support Version 9.

MainView for DB2

These topics describe the changes or new features in this release of MainView for DB2.

Pageset statistics control

A new parameter and commands enable you to control pageset processing at BBI-SS PAS initialization, or on-the-fly.

By specifying PAGESET=NO in the DMRBEXxx member, you can disable pageset processing at BBI-SS PAS initialization. Possible values for PAGESET are YES and NO.

Alternatively, if the BBI-SS PAS is already running, you can start and stop processing on-the-fly by using the STOPPS, STARTPS, and SHOWPS commands from any MainView for DB2 view.
IBM DB2 Analytics Accelerator for z/OS enhancements

This release adds the following enhancements for the IBM DB2 Analytics Accelerator for z/OS product.

New DB2 Analytics Accelerator for z/OS views

The following new views support the IBM DB2 Analytics Accelerator for z/OS product.

- **AASTATS**
  This view summarizes accelerator statistics.

- **Accelerator thread (ACCxxxx)**
  These views show summary and detail information for Accelerator threads.

- **DDFConn (DDFFxxxxx)**
  These views leverage the Accelerator thread views to indicate whether threads shown on the DDF views are accelerated.

- **THDACCEL**
  This view displays only threads that are accelerated.

- **DDFSERVZ**
  This new view complements the existing DDFPRODZ view. DDFPRODZ summarizes DDF threads by client product, and DDFSERVZ summarizes by server product.

Support for Accelerator modeling accounting information

The following functions now show Accelerator modeling accounting information:

- **Thread Intervals**
- **Trace LTRAC**
- **Thread query**
- **TRSTRAC/STRAC**
- **TSTAT**
- **Batch print**
- **Users (THDACTV and THDDETL)**
DB2 Analytics Accelerator for z/OS monitoring on THDACTV

The THDACTV view now supports DB2 Analytics Accelerator for z/OS monitoring. On THDACTV, you can now view the elapsed time of a thread that is running in the Analytics Accelerator, and set alerts that identify long running threads.

Dynamic Trace facility

The Dynamic Trace facility allows you to trace DB2 instrumentation facility component identifiers (IFCIDs) by category or by individual IFCID.

With this facility, you can:

- Start and stop dynamic traces
- Display details about a selected dynamic trace
- Display the filter qualifiers that were specified for a trace
- Display the number of records collected for each IFCID
- Request a RECTRACE report

For more information, view the Quick Course "Dynamic Trace Facility."

Updates to the Thread Query panel

This release removes the Value filters – TLDS only section of the Thread Query panel.

The following trace log data set (TLDS) filters now appear in the Value Filters – all sources section of the panel:

- Lock Suspends
- Local and Global
- Instr/Upd/Del/Mrg/Trunc SQL Statements
- DML SQL Statements
- DDL SQL Statements
- Total Elapsed
- Total CPU
- Total Class 3 Wait
- zIIP in-DB2 CPU
New views

The following new views are available for MainView for DB2:

- **PASPARM**
  The PASPARM views provide administrative functions for managing PAS parameters. You can access the PASPARM views in windows mode via the EZDB2 and EZDBA menus.

- **LSRCNTSH - Lock Resource Contention Short**
  This view shows resources for existing lock holders, and the threads that are waiting to access them.
  In a data sharing environment, you can view this data in SSI mode to see all waiters for a given lock, regardless of which DB2 system they are on.

New DTRAC events

The trace facility now reports new event types. For each new type, an associated pop-up view provides additional details about the event.

Within DTRAC, the following new event types are available:

<table>
<thead>
<tr>
<th>New event type</th>
<th>Information provided</th>
<th>Derived from</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCEL-CALL*</td>
<td>Accelerator call</td>
<td>IFCIDs 378 and 381</td>
</tr>
<tr>
<td>ASYNC-GBP*</td>
<td>Asynchronous group buffer pool</td>
<td>IFCID 329</td>
</tr>
<tr>
<td>MAXTMP-LIM*</td>
<td>Maxtemps limit</td>
<td>IFCID 343</td>
</tr>
<tr>
<td>NONEST-STMT*</td>
<td>Non-nested external function detail</td>
<td>IFCIDs 497 and 499</td>
</tr>
<tr>
<td>PRL-SUSP</td>
<td>Parallel task suspended</td>
<td>IFCIDs 382 and 383</td>
</tr>
<tr>
<td>UDF-STMT*</td>
<td>User-defined function detail</td>
<td>IFCIDs 498 and 499</td>
</tr>
</tbody>
</table>

**Note**
PRL-SUSP is not currently supported. BMC plans to provide support for this event via a future PTF.

DTRAC host variable support

The following data types now support decimal format:

- **DATE**
- **TIME**
- **TIMESTAMP**
- **NUL-TERMINATED GRAPHIC**
The following data types now support hexadecimal format:

- BLOB LOCATOR
- CLOB LOCATOR
- DBCLOB LOCATOR
- RESULT SET LOCATOR
- TABLE LOCATOR

**Update to the STRAC package overview**

The STRAC package overview now includes Total CPU, which equals the combined TCB CPU time and zIIP CPU time.

**Accounting fields exploitation**

This release exploits the following accounting fields, which IBM DB2 11.1 introduced:

- **Autonomous Procedures**
  
  Significant additions to the thread and package accounting views, including new wait event/time fields

- **Parallel Query Synchronization**
  
  Significant additions to the thread and package accounting views, including new wait event/time fields

- **CREATE VARIABLE and DROP VARIABLE**
  
  Additional thread-level SQL counts

- **Parallel group**
  
  New thread-level metric fields

- **Sparse Index**
  
  New thread-level metric fields
Longer values for DB2 trace selection criteria

You can now specify longer values when specifying DB2 trace selection criteria.

When starting a trace, you can limit the volume of data that MainView for DB2 processes by qualifying the trace request with selection criteria keywords. Extended fields on the DB2 Trace Selection Criteria dialog now allow you to specify longer values.

For more information about restrictions for specifying trace selection criteria, see the MainView for DB2 User Guide.

New Data Collector reports

The following new reports are available from the MainView for DB2 Data Collector:

<table>
<thead>
<tr>
<th>Report type</th>
<th>Report name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>BACCTSR</td>
<td>Accounting summary short</td>
</tr>
<tr>
<td></td>
<td>BACCTSRD</td>
<td>Accounting summary load</td>
</tr>
<tr>
<td></td>
<td>BACCTSRRI</td>
<td>Accounting summary interval</td>
</tr>
<tr>
<td></td>
<td>BACCTSRP</td>
<td>Accounting summary package</td>
</tr>
<tr>
<td></td>
<td>BACCTSRX</td>
<td>Accounting summary exceptions</td>
</tr>
<tr>
<td>I/O activity</td>
<td>BIOSUMBP</td>
<td>I/O summary detail Buffer Pool report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUMED</td>
<td>I/O summary detail EDM Pool report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUMLG</td>
<td>I/O summary detail Active Log report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUMAR</td>
<td>I/O summary detail Archive Log report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUMBS</td>
<td>I/O summary detail BSDS report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUMXI</td>
<td>I/O summary detail Cross Invalidation Activity report by DB2 and interval</td>
</tr>
<tr>
<td></td>
<td>BIOSUM</td>
<td>I/O summary report by DB2</td>
</tr>
</tbody>
</table>
### New Performance Reporter performance data tables

The Performance Reporter includes the following new performance data tables in this release of MainView for DB2:

- Statistics Accelerator detail and summary table (DMRSXxxx)
- Accounting Accelerator detail and summary tables (DMRAXxxx)

### New operands for selecting accelerator data types

The new TYPE4=ACCS and TYPE4=ACCA operands allow you to select the type of accelerator data that you want to appear in a report.

For more information, see the MainView for DB2 Performance Reporter User Guide.

### New control statement for selecting specific IFCIDs

The new IFCID control statement enables you to select specific IFCIDs or a range of IFCIDs to be included in Data Collector reports.
Replacement of full-screen options

This release replaces the following full-screen options on the Primary Option menu with the specified windows mode options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Replaced by</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Status</td>
<td>STDB2D</td>
</tr>
<tr>
<td>3 - Monitors</td>
<td>Monitor Admin a</td>
</tr>
<tr>
<td>4 - Traces</td>
<td>Trace Admin a</td>
</tr>
<tr>
<td>5 - History Traces</td>
<td>Trace Admin a</td>
</tr>
</tbody>
</table>

This option hyperlinks on the EZDB2 and EZDBA menus.

**Note**

These options are functionally stabilized for version 11.1 of MainView for DB2.

The full screen trace services remain available. You can access the trace full screen analyzer services in one of the following ways:

- From the Current Traces (CT) view:
  1. Select a MainView for DB2 trace entry.
  2. On HTIQZ, click **BB12 LTRAC-MV**.

- From the HTLOGS view:
  Hyperlink on a trace data set.

- From the TRSTRAC view:
  Click **Detail Trace** in the fixed section of the TRSTRAC view.

To access the IBM CICS full-screen services, hyperlink on **CICS/DB2 connections** on the EZDTHD menu.

**Pool Advisor for DB2**

These topics describe the changes or new features in this release of Pool Advisor for DB2.
Collection of detailed page set statistics data

Pool Advisor now collects basic page set I/O statistics data by default, using a new method that reduces overhead.

Pool Advisor can operate the runtime dynamic advisors without collecting the more detailed getpage data. This feature significantly reduces the overhead that collecting detailed getpage collection statistics requires.

This feature lets you schedule the collection start time and duration using standard automation tools. After you collect the data, you can run a configuration analysis to determine which set of data to use. You can also run comparisons between the configurations that you need on average, as opposed to configurations needed for peak periods.

The default setting is not to collect page set access profile data. You can turn detail page set profile data collection on or off by entering a console command.

Note
If you turn collection on and off repeatedly, you might need to enlarge the PMDHIST data set in order to accommodate all of the resulting data sets.

CATALOG MANAGER for DB2 Browse function

These topics describe the changes or new features in this release of the CATALOG MANAGER for DB2 Browse function.

For more information, view the Quick Course "CATALOG MANAGER for DB2 - What's new in 11.2"

DB2 Analytics Accelerator for z/OS support

This release adds support for the IBM DB2 Analytics Accelerator for z/OS product.

From CATALOG MANAGER, you can now list accelerated tables, accelerator tables, and accelerated packages. From a list of tables, you can add a table to an accelerator.

From a list of accelerator tables, you can directly access commands that enable you to:

- Modify an existing accelerator table
- Move data from selected DB2 partitions to an accelerator
- Copy data to an accelerator table
- View the statistics of an accelerator table
- Remove the data and table definition from an accelerator table
- Restore data from an accelerator table to DB2
- Enable or disable use of a table on the accelerator after it has been added and loaded
- Enable or disable incremental updates for a table on the accelerator after it has been added and loaded

For more information, view the Quick Course "CATALOG MANAGER for DB2 - Support for DB2 Analytics Accelerator for z/OS."

**Repeated SQL error**

This release limits the number of SQL error messages that are displayed for a specific command to three. Previously an unlimited number of messages were displayed.

SQL error messages will still be displayed for any erroneous commands that follow.

**Batch BIND execution**

This release lets you execute BIND, REBIND, or FREE commands in a batch job stream to generate the commands in batch. The command lets you specify wildcards in the name patterns for the objects to bind, rebind, or free.

You enter the commands into the batch job stream in the same way that you would type list commands into the batch job. For example, `BIND PG ACT112_D_MAIN.*` generates BIND PACKAGE commands for all packages in collection `ACT112_D_MAIN`.

The product writes the generated commands to the output data set, where you can save or execute them in a separate job step.

**DML activity recorded in the Session Log**

This release now records the execution of DML statements (DELETE, INSERT, SELECT, and DELETE) in the Session Log.
Special registers

This release supports the following additional special registers:

- CURRENT APPLICATION COMPATIBILITY
- CURRENT EXPLAIN MODE
- CURRENT GET_ACCEL_ARCHIVE
- CURRENT QUERY ACCELERATION
- CURRENT TIMESTAMP
- SESSION TIME ZONE
- CURRENT TEMPORAL SYSTEM TIME
- CURRENT TEMPORAL BUSINESS TIME

On the COMMAND line, enter SEE to display the special registers.

Improved search capabilities

This release supports search using object names that are longer than 18 bytes, and you can now execute a WHERE clause of up to 2 MB.

For more information, view the Quick Course "CATALOG MANAGER for DB2 - New and improved Search support."

New CATALOG MANAGER commands

CATALOG MANAGER now includes the following new commands:

<table>
<thead>
<tr>
<th>New command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IXC</td>
<td>Lists the time windows that specify index cleanup processing from the SYSIBM.SYSINDEXCLEANUP table</td>
</tr>
<tr>
<td>VAR</td>
<td>Lists global system variables</td>
</tr>
<tr>
<td>ACC</td>
<td>Lists all accelerators defined on the system</td>
</tr>
<tr>
<td>ACCPG</td>
<td>Lists all accelerated packages</td>
</tr>
<tr>
<td>ACCTB</td>
<td>Lists all accelerated tables defined on an accelerator</td>
</tr>
<tr>
<td>ACCEL</td>
<td>Adds a table to an accelerator, displays and controls accelerator settings, and displays and controls tables defined on an accelerator</td>
</tr>
</tbody>
</table>
**Deprecated commands**

As documented in the 11.1 release notes dated April 3, 2014, BMC has deprecated the HDESC and HPRINT commands for CATALOG MANAGER.

**New CATALOG MANAGER installation options**

This release includes new CATALOG MANAGER installation options, which are also known as default options, or DOPTs.

<table>
<thead>
<tr>
<th>Installation option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAR= DYNAMIC</td>
<td>Defines whether CATALOG MANAGER uses dynamic SQL to access the SYSIBM.SYSVARIABLES catalog table. A user ID must have SELECT authority on the table to execute SQL on the table. DYNAMIC is the only valid value for this option.</td>
</tr>
<tr>
<td>VARAUTH= DYNAMIC</td>
<td>Defines whether CATALOG MANAGER uses dynamic SQL to access the SYSIBM.SYSVARIABLEAUTH catalog table. A user ID must have SELECT authority on the table to execute SQL on the table. DYNAMIC is the only valid value for this option.</td>
</tr>
</tbody>
</table>

**Dropped support for indirect catalogs using views**

Starting with this release, you can create an indirect catalog only by using a copy of a table. You can no longer use views to create indirect catalogs.

**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.

- Revision bars in the documentation denote differences from the previous edition.

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](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

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.

System Performance for DB2 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 System Performance for DB2 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</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>BBASC70</td>
<td>SAS_C V70B</td>
<td>7.0</td>
</tr>
<tr>
<td>BBGAD41</td>
<td>DYNAMIC AREA MANAGER</td>
<td>4.1</td>
</tr>
<tr>
<td>LOSZ120</td>
<td>RTCS_C Library</td>
<td>2.0</td>
</tr>
<tr>
<td>ZACSB20</td>
<td>Common SQL (ACS)</td>
<td>11.2</td>
</tr>
<tr>
<td>FMID</td>
<td>Product</td>
<td>Version</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>ZACTB20</td>
<td>CATALOG MANAGER for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZAEXB20</td>
<td>Execution for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1</td>
</tr>
<tr>
<td>ZASHB20</td>
<td>Common Admin Code</td>
<td>11.2</td>
</tr>
<tr>
<td>ZBBA220</td>
<td>Product Customization</td>
<td>2.2</td>
</tr>
<tr>
<td>ZBD2B20</td>
<td>MVDB2-data collector component</td>
<td>11.2</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
<td>1.5</td>
</tr>
<tr>
<td>ZBST100</td>
<td>BMC Support Tool</td>
<td>11.1</td>
</tr>
<tr>
<td>ZDASB20</td>
<td>DB2 Assist component</td>
<td>11.2</td>
</tr>
<tr>
<td>ZDBCA10</td>
<td>DB2 Component Services</td>
<td>10.1</td>
</tr>
<tr>
<td>ZDDTB20</td>
<td>OPERTUNE for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and c++ objects</td>
<td>1.9</td>
</tr>
<tr>
<td>ZDOMB20</td>
<td>Common Infrastructure component</td>
<td>11.2</td>
</tr>
<tr>
<td>ZLGCA10</td>
<td>DB2 Product Configuration</td>
<td>10.1</td>
</tr>
<tr>
<td>ZMCV100</td>
<td>Customization Generation</td>
<td>1.0</td>
</tr>
<tr>
<td>ZMRE110</td>
<td>Rules Engine &quot;&quot;c&quot;&quot; code</td>
<td>1.1</td>
</tr>
<tr>
<td>ZNGLA20</td>
<td>NGL Common Code</td>
<td>10.2</td>
</tr>
<tr>
<td>ZOSZ120</td>
<td>RTCS Kernel</td>
<td>2.0</td>
</tr>
<tr>
<td>ZPMDB20</td>
<td>Pool Advisor component</td>
<td>11.2</td>
</tr>
<tr>
<td>ZPSSB20</td>
<td>SQL Explorer</td>
<td>11.2</td>
</tr>
<tr>
<td>ZPWD330</td>
<td>BMC Password Security System</td>
<td>3.3</td>
</tr>
<tr>
<td>ZSCCB10</td>
<td>DB2 Common Code</td>
<td>11.1</td>
</tr>
<tr>
<td>ZUSC054</td>
<td>UIM Common Services</td>
<td>5.4</td>
</tr>
<tr>
<td>ZZIO180</td>
<td>DB2 option carryover</td>
<td>1.8</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for System Performance for DB2 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, 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.

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**Note**

Before applying maintenance, ensure that you have successfully run the $176APLF job to set up your maintenance environment.

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BMC provides fixes for System Performance for DB2 at the component level. To apply fixes for this solution, you must apply fixes for each component of the solution.

**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

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