This document updates the release notes that were reissued on November 28, 2013. BMC is releasing this update to reflect new support for the IBM DB2® Version 11 system. Revision bars denote differences from the previous edition.

BMC Software is releasing version 11.1.00 of the MainView for DB2 product.

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:

What's new .................................................. 2
  DB2 Version 11 support .................................. 2
  End of support for DB2 Version 8 .................. 2
  DB2 Health Navigator and Short-Term Statistics .... 2
  New SSI contexts for grouping data sharing members .. 4
  New views .............................................. 5
  Full-screen options .................................. 7
  New DTRAC events .................................. 7
  Performance Reporter ................................. 8
  IBM DB2 Analytics Accelerator Accounting Data .... 8
  DOBJ view update .................................. 9
  Security resource definitions ...................... 9
  Product compatibility ................................ 11
Installation ............................................. 12
  Requirements ....................................... 12
  Installation changes ................................ 13
  Upgrade considerations ............................. 14
  FMID and version information ..................... 14
  Maintenance ........................................ 17
What’s new

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

DB2 Version 11 support

With PTFs BPD3944 and BPU6127 applied, MainView for DB2 now supports the IBM DB2 Version 11 system.

NOTE

For BPD3944, manually update the BBINJT00 PARMLIB member in the UBBPARM data set to define a DB2 Version 11 subsystem, as follows:

```
TARGET=ssid, TYPE=DB2,
RELEASE=1110
```

You can optionally specify the ALIAS keyword.

End of support for DB2 Version 8

Starting with this release, MainView for DB2 does not support IBM® DB2 Version 8. Earlier releases will continue to support Version 8.

DB2 Health Navigator and Short-Term Statistics

A new set of MainView Explorer configurations provides access to consolidated key health and performance metrics by DB2 functional area. These configurations simplify quick health checks of one or more target DB2 subsystems. This health summary information is coordinated with graphic dashboards and extensive hyperlinks to allow direct access to the most relevant data for further problem analysis when needed. 3270-mode views are also available.

- Short-term one-minute statistics
The key health and performance metrics are based on a subset of the most important statistics. These metrics are collected at one-minute intervals for improved granularity. This history data is kept in an additional set of MainView Interval Recorder history logs; this data does not impact the standard statistics collection (default of 15 minutes) or the corresponding ST* views.

Short Term Statistics data is always written to a new second instance of the interval recorder. A second set of DD statements is required in the PAS JCL to identify these history datasets. For more information about allocating and initializing HST1DSxx datasets, see the MainView Customization Reference.

- Health gauge summary exception counts per product functional area

These counts (organized by DB2 functional areas such as buffer pools and logging) summarize DB2 health status at a glance. These new counts are created by evaluating and summarizing the number of warning or critical exception conditions detected in the key metric values that are collected at each interval sample. Many of the exceptions are based on IBM DB2 Best Practices ratio calculations that adjust automatically to workload volume.

- DB2 analysis at any level through the MainView Explorer navigation tree

You can quickly check the status of multiple DB2 subsystems at one time in SSI mode: for example, you can use the context ALL, or any user-defined set of related DB2 subsystems, such as production or development. Additional SSI nodes are available for data sharing analysis at the group level, or by viewing all of the group members. All data sharing groups are now automatically defined as contexts.

To focus on a single DB2 subsystem, you can view that subsystem’s area health status and a DB2 overview dashboard. Alternatively, you can directly access each area dashboard for a detailed analysis of a specific area of interest, such as storage, buffer pools, and thread activity.

- Consolidated exception and dashboard analysis

When an exception gauge indicates a problem in an area, you can hyperlink to a view of all exception elements for that area that shows each key value versus its thresholds. The exceptions are highlighted in red (critical), yellow (warning), or green (OK). You can see the current exceptions, and other metrics that are currently green but may be approaching their thresholds, together in one place.

Using MainView Explorer dashboard configurations, you can quickly focus on the status of each functional areas. Each area dashboard displays a time-based history chart of area activity, graphic gauges of key exception values (with links to history values), and a compact dashboard view that highlights any exceptions and includes additional key elements for clarification. Hyperlinks from the dashboard
provide direct access to related information in other MainView for DB2 applications. Using these hyperlinks, you can quickly identify the cause of a problem without navigating through multiple paths. Other hyperlinks simplify access to historical values for comparisons over time.

- Exception threshold management

The product provides default threshold set definitions, $BMCDEFAULTS$, for exception element thresholds. These default threshold sets are loaded into the CASPERM registry during PAS initialization. An allocation failure of the CASPERM registry in the CAS will produce error messages. For more information about the CASPERM registry, see the MainView Customization Reference.

The dynamic threshold sets also allow for centralized online customization by your product administrator. You cannot customize the default threshold sets. If you want to make a change, you must copy the applicable default threshold set and make changes to the copied file. During threshold checking, the new copied threshold set is used instead of the default threshold set.

The interval history data includes the thresholds in effect at that time, the measured values, and the count of exceptions.

- DB2 analysis in 3270 mode

You can also access the DB2 Health Navigator information in views through the easy menus, at different levels based on the target context that you wish to analyze.

— SSI DB2 health overview from EZDSSI or EZDBA
— SSI data sharing group health dashboard from EZDSHAR
— DB2 health dashboard from EZDB2

New examples of using DB2 Health Navigator in MainView Explorer have been added to the Getting Started Guide.

New SSI contexts for grouping data sharing members

Using product-defined dynamic contexts, you can now group data sharing member targets by their data sharing group name. The product address space (PAS) defines these contexts internally for active data sharing targets. The contexts are maintained for the life of the associated coordinating address space (CAS).

To use these contexts, specify CONTEXT DSG:dsGroup, where dsGroup is the data sharing group name.
New views

This release adds new views in the following categories:

- Trace Package
- Monitor Profile
- Utilities Status
- Stored Procedures Status
- Static SQL Cache Statistics
- Remote Location Statistics

Trace Package views

A new set of Trace Package views provides detailed and summary formatting of the Package Accounting (IFCID 239) data found in CDC and history (TLDS) traces. Extensive totaling is also provided, including averages; minimums and maximums; and totals on a per event, per execution, and per thread basis.

You can invoke Trace Package from the COMMAND line; launch points are as follows:

- TRSTRAC Summary Trace view

  You can access packages for a given thread via a new hyperlink to Trace Package.

- Thread Intervals views (for example HTIQZ)

  New hyperlinks provide access to packages for a given interval (1, 5, and 15 minutes). For TLDS only, a new hyperlink provides access to all of the packages in the trace log.

- Thread Query

  You can now use Thread Query to query packages, and this release provides new package-only qualifiers.

NOTE

The new hyperlinks for the Thread Intervals views and the Thread Query have replaced the hyperlink for the Type field in the HTLOGS view.
Monitor Profile views

A new set of Monitor Profile views provides access to monitor profile statistics (IFCID 402). Monitor profile statistics track the number of times profile thresholds are exceeded by remotely initiated DB2 connections. You can access Monitor Profile from the COMMAND line (PRFZ, PRFLIST) or from the DDF menu (EZDDF).

Utilities Status views

A new set of Utilities Status views provides access to information about DB2 utilities as provided by the DB2 -DISPLAY UTILITY command. A TERM action lets you terminate one or more utilities when used as a line command or on the COMMAND line. You can access Utilities Status from the command line (UTLZ, UTLLIST) or the Pageset/Object menu (EZDPS). The UTLZ view provides a convenient hyperlink to Restricted Objects for quickly displaying objects that have a restricted utility access mode (for example, UTRO). Also, the Restricted Objects view OBJZ now has a new hyperlink to UTLZ for quickly displaying utility status.

NOTE
This release adds a sample MainView Alarm Management definition that supports this functionality. For more information, see the MainView for DB2 User Guide.

Stored Procedures Status views

A new set of Stored Procedures Status views provides access to information about stored procedures as provided by the DB2 -DISPLAY PROCEDURE command. <A>ctivate, <Q>ueue, and <R>eject actions are provided to start and stop stored procedures. You can access Stored Procedures Status from the COMMAND line (SPROCZ, SPROCLST) or the Pageset/Object menu (EZDPS).

NOTE
This release adds a sample MainView Alarm Management definition that supports this functionality. For more information, see the MainView for DB2 User Guide.

Static SQL Cache Statistics views

A new set of views provides information about the Static SQL Cache. You can access these views from the EZSCACHE and EZDSTAT menus, which are accessible from the EZDBA and EZDB2 easy menus. You can set filters via a dialog panel to select and restrict the amount of data displayed.
Remote Location Statistics views

A new set of views provides information about remote locations. You can access these views from the DDF Menu (EZDDF) or the DB2 Statistics menu (EZDSTAT).

Full-screen options

The following full-screen options on the Primary Option menu are functionally stabilized for version 11.1 of MainView for DB2. BMC plans to remove these options from the next release and to replace them with the following 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 Hyperlinks on the EZDB2 and EZDBA menus</td>
</tr>
<tr>
<td>4 - Traces</td>
<td>Trace Admin Hyperlinks on the EZDB2 and EZDBA menus</td>
</tr>
<tr>
<td>5 - History Traces</td>
<td>Trace Admin Hyperlinks on the EZDB2 and EZDBA menus</td>
</tr>
</tbody>
</table>

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>PRLL-INDX</td>
<td>Index Inserts with Parallelism</td>
<td>IFCIDs 357 and 358</td>
</tr>
<tr>
<td>INDX-SPLIT</td>
<td>Index Splits</td>
<td>IFCID 359</td>
</tr>
<tr>
<td>INCR-REBIND</td>
<td>Incrementally Rebound Queries</td>
<td>IFCID 360</td>
</tr>
<tr>
<td>PRLL-STRAW</td>
<td>Straw Model for Workload Distribution</td>
<td>IFCID 363</td>
</tr>
</tbody>
</table>
Performance Reporter

Two new Performance Reporter tables, DMRAUADM and DMRAUTR, provide audit administrative authorities data from IFCID 361. To extract SMF data to load into these tables, the DPRDSMF program supports the following new DPRCNTL DD statement parameter TYPE3 specifications: AUDATH and AUDTRC. For more information about these tables, see the MainView for DB2 Performance Reporter User Guide.

IBM DB2 Analytics Accelerator Accounting Data

This release adds product-wide support for displaying the DB2 Analytics Accelerator accounting data contained in IFCID 3, IFCID 239, and IFCID 148 for DB2 Versions 9.1 and 10.1. This support includes the IFCID 3 Accelerator Services Accounting Block (Q8AC), and the IFCID 3 and IFICD 239 accounting data contained in the QWAC. The following components now display DB2 Analytics Accelerator accounting data:

- Detail User Status (DUSER)
- Summary Trace (STRAC)
- Detail Trace (DTRAC)
- Trace Statistics (TSTAT)
- Trace Batch Print (DZTBPRNT)
- Thread Intervals (HTIQZ)—TLDS only
- Thread Query (XTQUERY)—TLDS only
- Trace LTRAC (TRLTRAC)
- BBI2 Strac (TRSTRAC)
- Trace Package (PKGZ)
- Batch Reports (BACCTLT and BACCTDR)

The Batch Reports also display DB2 Analytics Accelerator statistics information in BSTATLT.

At a later date, a planned BMC PTF will add support for MainView for DB2 Data Collector in Thread Intervals and Thread Query.
DOBJ view update

The DOBJ view now specifies the average CPU time in DB2 workload response time objectives.

The following new fields appear in the DOBJ view:

- **Avg CPU** summarizes the average response and CPU times by the workloads in the defined application or composite workloads.
- **Obj Met** indicates whether the response time objectives are being met. It can also be used in Threshold Advisor.

The new fields also appear in the following workload objective views:

- **DOBJR** (real-time objectives)
- **DOBJS** (session objectives)
- **DOBJZ** (0 interval summary by workloads)

The new view, **DOBJAPZ**, includes the **Avg CPU** field.

In the Add DB2 Workload Definition dialog box and the Change DB2 Workload Definition dialog box, the **In DB2 time only** field governs the type of workload monitor, and the type of CPU time that is accumulated by it. A value of Y starts the @ELTD monitor; N starts the @ELTM monitor, which includes the CPU time in DB2.

Security resource definitions

This release adds the following resource definitions to MainView for DB2:

---

**NOTE**

This information is also available in the *MainView Security Reference Manual*. 
---
<table>
<thead>
<tr>
<th>Resource name in the SERDEF view</th>
<th>Resource definition and considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location Stats - Table Data</strong></td>
<td>Can you access the remote locations table data?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PS200.OD</td>
</tr>
<tr>
<td><strong>Monitor Profile - Table Data</strong></td>
<td>Can you access the table data in the Monitor Profile views?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PN100.OD</td>
</tr>
<tr>
<td><strong>Short Term Statistics - Table Data</strong></td>
<td>Can you access Short Term Statistics table data?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PS400.OD</td>
</tr>
<tr>
<td><strong>Static SQL Cache - Table Data</strong></td>
<td>Can you access Static SQL Cache table data?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PD400.OD</td>
</tr>
<tr>
<td><strong>Static SQL Cache - Any Action</strong></td>
<td>Can you enter any actions on the Static SQL Cache views?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.AO</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PD400.AO</td>
</tr>
<tr>
<td><strong>Static SQL Cache Stmts - Table Data</strong></td>
<td>Can you access the Static SQL Cache Statement Text table data?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PD500.OD</td>
</tr>
<tr>
<td><strong>Stored Procedures - Table Data</strong></td>
<td>Can you access the Stored Procedures views table data?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.OD</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PY200.OD</td>
</tr>
<tr>
<td><strong>Stored Procedures - Any Action</strong></td>
<td>Can you enter the &lt;A&gt;ctivate, &lt;Q&gt;ueue, or &lt;R&gt;eject action commands on the Stored Procedures views?</td>
</tr>
<tr>
<td><strong>Default entity name:</strong></td>
<td>BBM.&amp;PRODUCT.&amp;CONTEXT.&amp;INTTABLE.AO</td>
</tr>
<tr>
<td><strong>Entity name after substitution:</strong></td>
<td>BBM.MVDB2.targetID.PY200.AO</td>
</tr>
</tbody>
</table>
Product compatibility

The Product Availability and Compatibility (PAC) tool queries a database that provides platform availability and compatibility data for BMC products.

For the latest PAC information, click the PAC link from a BMC product support page on the Support Central website at http://www.bmc.com/support.

MainView for DB2 11.1.00 is distributed with the following components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATALOG MANAGER for DB2 Browse</td>
<td>11.1.00</td>
</tr>
<tr>
<td>MainView for DB2 - Data Collector</td>
<td>11.1.00</td>
</tr>
</tbody>
</table>

The MainView for DB2 – Data Collector component version 11.1.00 is compatible with the following BMC products:

<table>
<thead>
<tr>
<th>Product</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPTUNE for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>BMC System Performance for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>OPERTUNE for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>Pool Advisor for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>SQL Explorer for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>SQL Performance for DB2</td>
<td>11.1.00</td>
</tr>
</tbody>
</table>
Installation

Download the latest version of MainView for DB2 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.

MainView for DB2 is installed by using the BMC 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*.

**Software requirements**

Ensure that you have the following software installed:

- IBM® DB2 Version 9 or 10
- IBM CICS® Transaction Server Version 3.1, 3.2, 4.1, 4.2, or 5.1
- IBM IMS™ Version 10, 11, 12
- DB2 Solution Common Code (SCC) version 11.1.00 with current maintenance
- MainView Infrastructure version 6.1

Also, the following additional requirements apply:

- To enable a BBI-SS PAS to connect to DB2 subsystems at two release levels, the DB2 load library that is used in the BBI-SS PAS must contain a compatible level of the Call Attach Facility (CAF). Additionally, the DB2 ERLY code in SYS1.LINKLST must be at a compatible level.
- The STATIME and DSSTIME ZPARMs must be equal for the PageSet application. This requirement applies to IBM® DB2 Version 9 and 10.
Hardware requirements

Approximately 3000 cylinders of DASD storage is required to install MainView for DB2. Your actual requirements might differ from the estimate.

Maintenance requirements

After you install MainView for DB2, perform the following steps:

1. Apply all of the maintenance on the SMP/E service file for the products and components that you installed by using the installation method.

2. Download the required PTFs from eFix PTF Distribution Services (eFix) and apply the PTFs before you run MainView Customization:

   To access eFix, go to http://apps.bmc.com/support/efix.cgi.

3. After customization, obtain additional maintenance by using either eFix or BMC Internet Service Retrieval (ISR).

   BMC ISR is available for all products that you install by using the Installation System. For more information, see the Installation System User Guide.

Installation changes

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

A known issue causes historical data from version 10.1 to be inaccessible after you install version 11.1. BMC plans to issue a notice when the fix is available.

MainView for DB2 is packaged with MainView Infrastructure 6.1. You can customize MainView for DB2 by using MainView Customization, or manually as described in the MainView Customization Reference.

Short Term Statistics in MainView for DB2 require a second set of DD statements in the PAS JCL. These DD statements are created during MainView Customization, or you can create them manually as described in the MainView Customization Reference.

If you migrate from version 6.x of the Data Collector during installation, the following changes apply:

- The STATUS VSAM data set is converted to an XML document.
- The DOMDMDSN DOPTS module is no longer used.
- The CUSTOM VSAM data set is now a PDS and is maintained with SMP/E, which simplifies applying maintenance to the Data Collector reports.
- Some data set allocations have changed in product CLISTs, such as DOMCLIST, PSSCLIST, and SPDCLIST.

If you migrate from Data Collector version 10.1 during installation, the following considerations apply:

- BMC recommends selecting the option to reuse global infrastructure components (DBC, LGC, NGL, and RTCS).
- Migrated option sets should require little or no editing. Because the migration preserves the earlier configuration, you will not need to reenter information or create new instances of components.

FMID and version information

This release of MainView for DB2 uses the following versions of the Installation System and installation media:

- Version 2.3.60 or later of the Installation System
- Version 2.3.60 or later of the installation media
## FMID and version information

### NOTE

If you have a later version of the Installation System or the installation media, 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>ASAR71D</td>
<td>SAS_C V71</td>
<td>7.1</td>
</tr>
<tr>
<td>BBACM20</td>
<td>COMMON release elements</td>
<td>2.0</td>
</tr>
<tr>
<td>BBAPW32</td>
<td>BMC Password Security System</td>
<td>3.2</td>
</tr>
<tr>
<td>BBASC70</td>
<td>SAS_C V70B</td>
<td>7.0</td>
</tr>
<tr>
<td>BBBBX16</td>
<td>BBX Subsystem Services</td>
<td>1.6</td>
</tr>
<tr>
<td>BBGAD41</td>
<td>DYNAMIC AREA MANAGER</td>
<td>4.1</td>
</tr>
<tr>
<td>BBIIIS25</td>
<td>BBQ Interval Services</td>
<td>2.5</td>
</tr>
<tr>
<td>BBISS26</td>
<td>BBI SUBSYSTEM</td>
<td>2.6</td>
</tr>
<tr>
<td>BBLBQ11</td>
<td>MainView VP Common Code</td>
<td>1.1</td>
</tr>
<tr>
<td>BBTTC11</td>
<td>MainView TCP/IP Interface</td>
<td>1.1</td>
</tr>
<tr>
<td>BBYZX33</td>
<td>BASE TECHNOLOGY STUBS</td>
<td>3.3</td>
</tr>
<tr>
<td>LOSZ120</td>
<td>RTCS C Library</td>
<td>2.0</td>
</tr>
<tr>
<td>LSCR50I</td>
<td>SAS_C V5</td>
<td>5.0</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1</td>
</tr>
<tr>
<td>ZACTB10</td>
<td>CATALOG MANAGER</td>
<td>11.1</td>
</tr>
<tr>
<td>ZACSB10</td>
<td>CATALOG MANAGER for DB2 API</td>
<td>11.1</td>
</tr>
<tr>
<td>ZAEXB10</td>
<td>Execution for DB2</td>
<td>11.1</td>
</tr>
<tr>
<td>ZASHB10</td>
<td>Common Admin Code</td>
<td>11.1</td>
</tr>
<tr>
<td>ZBBA220</td>
<td>Product Customization</td>
<td>2.2</td>
</tr>
<tr>
<td>ZBBM610</td>
<td>MainView Infrastructure</td>
<td>6.1</td>
</tr>
<tr>
<td>ZBDSB1B</td>
<td>MainView for DB2 - Windows Mode</td>
<td>11.1</td>
</tr>
<tr>
<td>ZBDSB1P</td>
<td>MainView for DB2 - PR(Batch)</td>
<td>11.1</td>
</tr>
<tr>
<td>ZBDSB1S</td>
<td>MainView for DB2 - Monitors</td>
<td>11.1</td>
</tr>
<tr>
<td>ZBDSB1Z</td>
<td>MainView for DB2 - Analyzer Services</td>
<td>11.1</td>
</tr>
<tr>
<td>ZBD2B10</td>
<td>MainView for DB2 - Release Level</td>
<td>11.1</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>ZDASB10</td>
<td>DB2 Assist Component</td>
<td>11.1</td>
</tr>
<tr>
<td>ZDBCA10</td>
<td>DB2 Component Services</td>
<td>10.1</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C Runtime and C++ Objects</td>
<td>1.9</td>
</tr>
<tr>
<td>ZDOMB10</td>
<td>Common Infrastructure Component</td>
<td>11.1</td>
</tr>
</tbody>
</table>
The preceding table contains the FMIDs for MainView for DB2 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 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:


2. Click Electronic Downloads.

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

**Maintenance**

After you install MainView for DB2, 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/infocenter/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. 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.