BMC originally issued these release notes on May 6, 2015. They are being reissued to include documentation of support for the PLANMGMT rebind option in the ALTER for DB2 product. Revision bars in these release notes denote differences from previous editions.

Administrative Assistant includes the following products:

- ALTER for DB2
- CATALOG MANAGER 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.

The following topics are discussed:

- What's new in Administrative Assistant for DB2 version 11.2.00 ........................................3
  - Solution components .................................................................3
- What's new in ALTER version 11.2.00 .................................................................4
  - DB2 Version 11 support ...............................................................5
  - Increased PIECESIZE and DSSIZE maximums ........................................7
  - Trusted context and roles .............................................................7
  - Automatic rebinds when indexes are added to a table ...............................7
  - Default SYSOUT class .................................................................8
  - OVERRIDE( NOTBAUDIT ) ..........................................................8
- Support for SECURED trigger attribute .........................................................8
- Support for PLANMGMT .................................................................9
- Dropped support for indirect catalogs using views ....................................9
- What's new in CATALOG MANAGER version 11.2.00 .................................9
What's new in Administrative Assistant for DB2 version 11.2.00

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

Solution components

This version of the Administrative Assistant for DB2 solution includes new releases of the following components and technologies:

- ALTER
- CATALOG MANAGER
- UNLOAD PLUS
- RECOVER PLUS

The JCL Generation and Execution component has not changed since version 11.1 of the Database Administration solution. For a list of features and functions that were new in 11.1 of the JCL Generation and Execution component, see the release notes for 11.1 of Database Administration.

Dropping support

Starting with this release, BMC Administrative Assistant for DB2 does not support IBM DB2 Version 9.

Starting with this release, BMC Administrative Assistant for DB2 supports the following versions of DB2:

- DB2 Version 11
- DB2 Version 10 new-function mode (NFM) only
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.

What's new in ALTER version 11.2.00

Version 11.2.00 of the ALTER component includes the following changes.
DB2 Version 11 support

The following IBM DB2 Version 11 features are now supported by ALTER and CHANGE MANAGER:

Support for ALTER TABLE DROP COLUMN

ALTER and CHANGE MANAGER now support the ALTER TABLE DROP COLUMN syntax, which enables the product to drop columns without dropping and rebuilding the table.

Archive and archive-enabled tables

ALTER and CHANGE MANAGER now support archive tables and archive-enabled tables.

ALTER lets you create, edit, drop, and import DDL for archive and archive-enabled tables. In addition to the features that ALTER provides, CHANGE MANAGER lets you compare, baseline, and import CDL and DML for archive and archive-enabled tables.

ALTER and CHANGE MANAGER now support the following options:

- ARCHIVE SENSITIVE bind option for stored procedures
- ARCHIVESENSITIVE bind option for REBIND PACKAGE, REBIND TRIGGER PACKAGE, and BIND PACKAGE statements

The following object types are now supported:

- TBR – Archive tables
- TBBR – Archive table for a table containing a large object (LOB) or an XML column (base table)

Also, you can now display archive table and history table information from the Command line (commands AI and HI, respectively).

Online alter of limit keys

You can now perform an online alter of the limit key value on a partition-by-range table space (PBR) or on a table space with table-controlled partitioning (TCP). All of the table space remains available throughout the alter process.
Suppression of null indexes

You can create indexes that exclude default NULL values. By default, an index includes index entries in which all key columns are NULL. Optionally, you can add the EXCLUDE NULL KEYS OPTION to the ALTER INDEX or CREATE INDEX CDL statement; in that case, the product will create index entries only for those rows in which one or more key columns contain non-null values.

Support for automatic mapping tables

You can now use the new IBM REORG options for automatic mapping tables.

In addition to defining the mapping table, you also have these options for the mapping database:

- You can define an existing database as the default mapping database where IBM REORG creates the mapping table.
- You can let IBM REORG define the mapping table in an implicit database.

You can specify the default database in either of the following locations:

- REORG MAPPING DATABASE field on the Online Reorg Utility Options panel
- REORG_MAPDB keyword in the product options file (POF)

BIND and REBIND parameters

This release supports the following bind options for the REBIND PACKAGE, REBIND TRIGGER PACKAGE, and BIND PACKAGE statements:

- APREUSE
- ARCHIVESENSITIVE
- BUSTIMESENSITIVE
- SYSTIMESENSITIVE

Additional options for stored procedures

This release supports additional options for stored procedures:
- **APPLCOMPAT**
  Indicates the package compatibility level for SQL

- **ARCHIVE SENSITIVE**
  Specifies whether references to archive-enabled tables in SQL statements are affected by the value of the SYSIBMADM.GET_ARCHIVE global variable

- **BUSINESS_TIME SENSITIVE**
  Specifies whether references to application-period temporal tables in both static and dynamic SQL statements are affected by the value of the CURRENT TEMPORAL BUSINESS_TIME special register

- **SYSTEM_TIME SENSITIVE**
  Specifies whether references to system-period temporal tables in both static and dynamic SQL statements are affected by the value of the CURRENT TEMPORAL SYSTEM_TIME special register

The release also supports the AUTONOMOUS value for the COMMIT_ON_RETURN option.

**Increased PIECESIZE and DSSIZE maximums**

You can now specify a value of 128 GB or 256 GB for the PIECESIZE of non-partitioned indexes and the DSSIZE (partition size) for table spaces.

**Trusted context and roles**

This release enables ALTER or CHANGE MANAGER to create worklists with objects that were created by using a trusted context, and that are owned by a role.

To work with these objects, you can specify ROLEOWN = Y in the installation options module, ROLEOWN in the ALUIN input stream, or Y for the ROLEOWN field on the Analysis Worklist Options panel. You can manually execute the worklist under the trusted context.

**Automatic rebinds when indexes are added to a table**

This release allows automatic rebinds on all packages that reference a table on which an index is added or altered.
You can use either of the following locations to specify this option:

- **All Packages on Index Create or Alter** field on the Analysis Worklist Command Options panel
- **BINDONIX** option in the installation options module

You can insert the NOBINDONIX (does not rebind packages) or BINDONIX (rebinds packages) keywords in the ALUIN input stream to override the installation options module.

**Default SYSOUT class**

Some installations do not support X as the default output class (SYSOUT). ALTER and CHANGE MANAGER now support customizing the default output class. You can set the SYSOUT to a value other than X.

You can use either of the following locations to specify this option:

- **Sysout Class** field on the ALTER and CHANGE MANAGER Analysis Options panel
- **ACM_ANALYSIS_SYSOUT** keyword in the product options file (POF)

**OVERRIDE( NOTBAUDIT )**

In a CHANGE MANAGER comparison, you can now ignore the AUDIT attribute of a table by including the OVERRIDE( NOTBAUDIT ) keyword in the ALUIN input stream.

**Support for SECURED trigger attribute**

ALTER and CHANGE MANAGER now support the SECURED attribute for triggers.
Support for PLANMGMT

This release adds support for the PLANMGMT rebind option. You can now specify the PLANMGMT value that ALTER and CHANGE MANAGER uses during an rebind operation.

You can make either of the following changes to specify this option:

- Specify PLANMGMT = N (no default), B (basic) or E (extended) in the installation options module. The default value is N.
- Add NOPLANMGMT, PLANMGMTBASIC, or PLANMGMTEXTENDED in the ALUIN input stream.

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.

What's new in CATALOG MANAGER version 11.2.00

Version 11.2.00 of the CATALOG MANAGER component includes the following changes.

DB2 Version 11 support

CATALOG MANAGER supports or tolerates various features of the IBM DB2 for z/OS subsystem.

CATALOG MANAGER now supports the following features of the IBM DB2 Version 11 system:

- Indexes that exclude NULL keys
- Autonomous procedure attribute for native stored procedures
- Ability to drop columns
- Support for archive-enabled tables
Support for additional bind/rebind options

Support for user-defined global variables

Support for using the automatic mapping table with IBM REORG

Support for the PCTFREE \textit{nn} FOR UPDATE \textit{yy} table space parameter

**DB2 Version 10 support**

CATALOG MANAGER now supports the scalar and table Stored Procedure Language (SPL) functions of DB2 Version 10.

**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
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.

What's new in RECOVER PLUS version 11.2.00

Version 11.2.00 of the RECOVER PLUS component includes the following changes.

Tagged copies for migration

In the previous release, running EXPORT to identify copies for migration did not always clearly identify which copies were exported, especially if the copies were made in multiple jobs. With the new TAG option, this release allows the user to "tag" output copies to simplify selecting copies for migration.

Support for migrating XML spaces

This release adds support for migrating XML spaces by using image copies.
Support for migrating statistics

This release adds support for migrating statistics with the new IMPORT STATS option.

New options for making output copies

With this release, you can make output copies by using inline input copies or Instant Snapshot input copies.

Rebuilding indexes with SHRLEVEL CHANGE

You can now use SHRLEVEL CHANGE to rebuild indexes.

Incremental copies with Instant Snapshots

This release adds support for using incremental copies based on full Instant Snapshot copies for recovery.

Online consistent copies for LOBs

RECOVER PLUS can now recover large object (LOB) spaces using online consistent copies.

Support for CHANGE ACCUM on DB2 Version 11

This release of RECOVER PLUS supports CHANGE ACCUM on Version 11 of the IBM DB2 database management system.

Recovery of individual spaces using system backups

This release adds support for recovering individual spaces by using system backups.
Instantiated data sets for DEFINE NO

When migrating data to a space that is DEFINE NO, RECOVER PLUS now updates the DB2 catalog and creates the cluster if it does not exist.

Migration of partition-by-growth (PBG) spaces with more than one data set

The new MIGRATE TOLOCATION option improves the handling of partition-by-growth spaces with more than one data set. The new option allows RECOVER PLUS to alter the number of data sets on the target system automatically.

Support for not indexing keys that are NULL

Starting with this release, RECOVER PLUS can omit null keys during REBUILD INDEX operations.

Support for RBA/LRSN conversion during REBUILD INDEX

RECOVER PLUS can now convert the RBA/LRSN format (basic-extended) during REBUILD INDEX operations.

Support for RBA/LRSN conversion for point-in-time recovery

RECOVER PLUS allows recovery to a point in time where the RBA/LRSN format for the partition is different from the current RBA/LRSN format.

Prevention of recovery to a point in time before dropped columns

This release of RECOVER PLUS checks for dropped columns and disallows recovery to a point in time before a DROP COLUMN operation.
Recovery to a point in time before materializing changes

RECOVER PLUS now allows recovery to a point in time before certain materializing changes (for example, DSIZE, PGSIZE, and SEGSIZE).

INDEP OUTSPACE with OBJECTSET

You can now use INDEP OUTSPACE with the RECOVER and REBUILD commands when an object list is specified via OBJECTSET syntax.

New RICHK option

If RICHK YES is specified and a partial recovery is performed on spaces with referential integrity constraints, RECOVER PLUS now sets check pending on related spaces that were not recovered.

New AUX ALL option

In previous releases, AUX YES would recover history tables and auxiliary spaces. This release uses the HISTORY option to recover history tables and adds AUX ALL to recover all of the auxiliary spaces.

Support for persistent read only (PRO) and read-or-replication-only (RREPL) statuses

This release adds support for PRO and RREPL statuses.

What's new in UNLOAD PLUS version 11.2.00

Version 11.2.00 of the UNLOAD PLUS component includes the following changes.
Inline LOB data

UNLOAD PLUS now allows you to unload inline LOB data when specifying DIRECT YES or DIRECT NO. (Earlier versions required DIRECT NO.)

*Note*
PTF BPU6778 provided this functionality for version 11.1.00. For more information, see the technical bulletin dated October 31, 2014.

Spanned data

When DIRECT YES is in effect, you can now unload LOB and XML data, including inline LOB data, to a standard VBS data set.

*Note*
This data set is a standard VBS data set whose format is similar to the IBM proprietary spanned record format. The FORMAT SPANNED YES option of the IBM DB2 LOAD utility requires that the input be in the IBM proprietary spanned record format. Therefore, you cannot use the IBM DB2 LOAD utility to load the VBS data set that UNLOAD PLUS produces.

To enable this feature, you specify the SPANNED YES option. For more information about this option, see the *UNLOAD PLUS for DB2 Reference Manual*.

*Note*
PTF BPU6778 provided this functionality for version 11.1.00. For more information, see the technical bulletin dated October 31, 2014.

DB2 Analytics Accelerator

When DIRECT NO is in effect, UNLOAD PLUS now optionally offloads eligible queries to the IBM DB2 Analytics Accelerator for z/OS.

You can enable this support with either the QUERY_ACCELERATION DSNZPARM, as documented in the IBM documentation, or by using the new UNLOAD PLUS option SET CURRENT QUERY ACCELERATION ALL. For more information about this option, see the *UNLOAD PLUS for DB2 Reference Manual*. 
CENTURY installation option

UNLOAD PLUS now supplies a default value of (1950,2049) for the CENTURY installation option. (Earlier versions were not shipped with a value for this option, requiring that you supply it during installation.)

If you currently use a default value other than (1950,2049), either change the value in your installation options module after installation, or use the Installation System to migrate your current option values.

RREPL status

UNLOAD PLUS now supports read-or-replication-only (RREPL) status.

System and software requirements

This version of UNLOAD PLUS has the following changes to minimum requirements from version 11.1.00:

- DB2 Solution Common Code (SCC) version 11.1.00 with current maintenance
- DB2 Utilities Common Code (D2U) version 11.2.00

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. Click the method you want to use to obtain the Installation System.

4. Follow the procedures.
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 documentation.

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

Administrative Assistant 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

When you migrate the software, consider the following items:

- When you migrate to DB2 Version 10 or 11, and either of the following sets of conditions exists, DB2 cannot run DDL that CATALOG MANAGER generates:
  
  — After migrating a DB2 Version 8 or 9 NFM subsystem to DB2 Version 10 NFM, you create an object that is associated with a Version 10 feature (for example, a temporal table). Then, you fall back to Version 10 CM8*, ENFM8*, CM9*, or ENFM9*.
  
  — After migrating a DB2 Version 8 NFM subsystem to DB2 Version 10 NFM, you create an object that is associated with a Version 9 feature. Then, you fall back to Version 10 CM8* or ENFM8.

Because a DB2 Version 10 NFM catalog now exists on the subsystem to which you fell back, that subsystem considers the newly created object to be valid. CATALOG MANAGER generates valid DDL for the object as it exists in the
Version 10 NFM catalog; however, CATALOG MANAGER will not be able to recover the object or to include it in the Drop Recovery Log if dropped.
ALTER or CHANGE MANAGER issues an error message upon encountering the new object.

**FMID and version information**

This release of Administrative Assistant 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>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>BBASC70</td>
<td>SAS_C V70B</td>
<td>7.0</td>
</tr>
<tr>
<td>ZACMB20</td>
<td>CHANGE MANAGER for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZACSB20</td>
<td>Common SQL (ACS)</td>
<td>11.2</td>
</tr>
<tr>
<td>ZACTB20</td>
<td>CATALOG MANAGER for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZADUB20</td>
<td>UNLOAD PLUS for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZAEXB20</td>
<td>Execution for DB2</td>
<td>11.2</td>
</tr>
<tr>
<td>ZAFRB20</td>
<td>RECOVER PLUS 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>ZAUP241</td>
<td>BMCSORT</td>
<td>2.4</td>
</tr>
<tr>
<td>ZBMRI5E</td>
<td>ISR External Routines</td>
<td>1.5</td>
</tr>
<tr>
<td>ZBST100</td>
<td>BMC Support Tool</td>
<td>1.0</td>
</tr>
<tr>
<td>ZDIG1A0</td>
<td>DIGNUS C runtimes and C++ objects</td>
<td>1.10</td>
</tr>
<tr>
<td>ZD2UB20</td>
<td>Utilities Common Component</td>
<td>11.2</td>
</tr>
<tr>
<td>ZMRE110</td>
<td>Rules Engine &quot;&quot;c&quot;&quot; code</td>
<td>1.1</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>FMID</td>
<td>Component</td>
<td>Version</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------</td>
<td>---------</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 Administrative Assistant 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.
Before applying maintenance, ensure that you have successfully run the $176APLF job to ensure that all required FMIDs are applied.

BMC provides fixes for Administrative Assistant 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](http://www.bmc.com/support).

**Product documentation**

From the Support Central website ([http://www.bmc.com/support](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](http://www.bmc.com/available/documentation-center.html) or, for secured documentation sets, [http://www.bmc.com/available/documentation-center-secure.html](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)
  - BMC Mainframe YouTube channel ([https://www.youtube.com/user/BMCSoftwareMainframe](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](https://webapps.bmc.com/support/faces/az/supportlisting.jsp))
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