BMC originally issued these release notes on January 30, 2014. They are being reissued to describe support information for IBM® DB2® Version 11. Revision bars in these release notes denote differences from the previous version.

BMC Software is releasing version 11.1.00 of the Log Master for DB2® product. Log Master is a component of the Recovery Management solution.

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:

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What’s new

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

For a short demo describing what’s new in this release, see
https://webapps.bmc.com/infocenter/index.jsp. In the BMC Documentation Center,
you can access the demo library via BMC Quick Course Demo Library in the Contents
pane on the left.

Support for IBM DB2 Version 11

Log Master supports the following features of DB2 Version 11:

Mode and extended RBA and LRSN support

Log Master supports DB2 Version 11 in all modes (CM, ENFM, and NFM) and includes support for extended RBAs and LRSNs in the following items:

- BSDSs
- Logs
- Table spaces
DDL syntax changes

Log Master supports DDL syntax changes for the new DB2 version functionality.

End of support for DB2 Version 8

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

Extended RBA and LRSN support

Log Master has made changes to its repository to support 10-byte RBAs and LRSNs.

Logical log changes

This release includes formatting changes that enable the logical log to support extended RBAs and LRSNs, and extended timestamps. However, Log Master continues to process earlier versions of the logical log (back to version 7.3.00), performing normalization as needed to accommodate the new format.

The following records have been removed from the logical log because they are no longer used:

- Table space description record (DTSP)
- Table space description record part two (DTS2)
- Table description record (DTBL)
- Table RBA record (DTBR)
- DB2 column description record (DCOL)
- Logical log column description record (DLCO)
- Index description record (DIDX)
- Clustering index description record (DCDX)

Several tables in Chapter 4, “Logical log files,” in the Log Master for DB2 Reference Manual are now updated to reflect the logical log changes. Also, the following items were incorrect or missing in the previous edition of the documentation, but they are correct in the documentation for this release:

- The LUWINSTANCENO definition has been changed from CHAR(6) to BIN(6) in the Data change record (LLDF) table.
Reuse of Log Master repository tables

The Table information record (DTBI) table now includes XMLINCLUDED and shows the correct total length.

Reuse of Log Master repository tables

You can now point to existing Log Master tables when installing a new version of the product in order to avoid unloading or loading tables. This release adds ALPVERSION to the following tables:

- ALPMRK
- ALPWHDR
- ALPURID

**NOTE**
The ALPVERSION field remains empty for records that were created before Log Master version 11.1.

For more information, see the installation and repository section in the *Log Master for DB2 Reference Manual*.

In the Log Master interface, this release adds the Updated Version field to the following panels. This field remains empty for records that were created before Log Master version 11.1.

- Filter Browser
- Filter Information
- Free Form Filter Maintenance
- Log Mark Information
- Ongoing Record History Information
- Overtime Object Information
- Structured Filter Maintenance
- Template Information
- Template Maintenance
- Work ID Information
- Work ID Maintenance

Repository considerations and changes

The following considerations and changes apply to the Log Master repository in this release:
If you are reusing a version 10.1 or older repository, you should complete any OVERTIME LOGSCANS for dropped table objects before upgrading to version 11.1. After upgrading, refresh the Table Object (not Dictionary Objects) rows in the Old Object Table. Version 11.1 OVERTIME LOGSCANS will ignore version 10.1 or older Table Objects rows in the Old Object Table.

In the following repository tables, the specified fields now use format VARCHAR(10) to support the extended RBAs and LRSNs:

<table>
<thead>
<tr>
<th>Table name</th>
<th>Column name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPLOGF</td>
<td>STARTRBA</td>
</tr>
<tr>
<td></td>
<td>ENDRBA</td>
</tr>
<tr>
<td>ALPMARK</td>
<td>MARKRBA</td>
</tr>
<tr>
<td>ALPOLDO</td>
<td>BEGINRBA</td>
</tr>
<tr>
<td></td>
<td>ENDRBA</td>
</tr>
<tr>
<td>ALPURID</td>
<td>URID</td>
</tr>
<tr>
<td></td>
<td>URIDLRSN</td>
</tr>
<tr>
<td>ALPSQLF</td>
<td>REDORBA</td>
</tr>
<tr>
<td>ALPWHLIS</td>
<td>START_RBA</td>
</tr>
<tr>
<td></td>
<td>END_RBA</td>
</tr>
<tr>
<td>ALPWLSH</td>
<td>ACTUAL_FROM_RBA</td>
</tr>
<tr>
<td></td>
<td>ACTUAL_TO_RBA</td>
</tr>
<tr>
<td></td>
<td>REDORBA</td>
</tr>
</tbody>
</table>

This release adds ALPVERSION to the ALPMARK, ALPURID, and ALPWHDR tables.

The ALPOLDO table description no longer includes references to record type H.

Tables no longer include references to DB2 Version 8.1.

Log Master version 10.1.00 repository

For Log Master version 10.1.00 to coexist with version 11.1.00, you must apply current maintenance for version 10.1.00.
LOGTAPES for DASD log files and a new TAPES installation option

This release ignores LOGTAPES if either of the following conditions exists:

- Log Master is reading DB2 log files that are DASD files.
- The number of tape units does not exceed the LOGTAPES value in a subsystem with a mixture of tapes and DASD log files.

To accommodate this behavior, a new TAPES installation option identifies which devices are tapes.

Automated drop recovery of clone tables

If a table space or table to be recovered has a clone table, Log Master now generates syntax that instructs RECOVER PLUS to use image copies to recover the clone table.

Data set names, symbolic variables, and the new DSNSYMPRE installation option

A new installation option, DSNSYMPRE, lets you control whether Log Master forces the prefix for &TABNAME and &WORKID in input and output data set names. With DSNSYMPRE=YES (the default), Log Master always adds the prefix. With DSNSYMPRE= NO, Log Master adds the prefix only if the first character of the node is not an alphabetic or national character.

This enhancement also:

- Removes the requirement for &TABOWN for SEPARATE DATASETS
- Updates the actions that Log Master performs to create a valid data set name

User-selection of image copy resources

Log Master adds the following installation options:

- LOCCPSEL=(FC,LP,lb)
- REMCPSEL=(RP,RB,FC)
These installation options allow you to select the order in which Log Master uses image copy resources at local and remote sites for both completion processing and compression dictionary access for data decompression.

To override the value of these installation options at runtime, you can use the new the OPTION RESOURCE SELECTION COPIES syntax.

**USELOGS override**

You can use the new LOGS option in the OPTION RESOURCE SELECTION syntax to override the USELOGS installation option.

**Support for graphic data in predicate values**

In predicate values, Log Master now supports UX for Unicode graphic data, GX for EBCDIC graphic data, and a string for Unicode graphic data.

**Support for versioned rows with inline LOBs**

Log Master now supports versioned rows with inline LOBs. Log Master no longer issues error message BMC397064E.

**Support for REUSABLE striped data sets**

Log Master now supports use of REUSABLE striped data sets, without restrictions. Log Master no longer issues error message BMC097197.

**BMCXCOPY analysis for automated drop recovery**

To support automated drop recovery of a table space, Log Master now uses the following copies that are registered in BMCXCOPY:

- Encrypted copies
- Snapshot copies
- Standard copies
Mass delete and exchange records in load outputs

Log Master now includes the mass delete and exchange records in load outputs.

Quiesce records for COPY YES indexes

When you specify QUIESCE with the LOGSCAN statement or in the LOGSCAN report definition, Log Master now inserts index quiesce records into SYSIBM.SYSCOPY for COPY YES indexes along with the table space. Log Master records the correct quiet point registration so that all recoverable objects have the proper QUIESCE entry in SYSCOPY.

In the Log Master interface, Log Master now inserts index quiesce records into SYSIBM.SYSCOPY for COPY YES indexes (along with the table space) when both of the following conditions exist:

- You request a Quiet Point report.
- You request inserting a quiesce record in SYSIBM.SYSCOPY at the same time that you generate the Quiet Point report.

Log Master includes information about the indexes in the Quiet Point report.

Enhanced messages for DB2 log processing

This release adds new messages, BMC397070 and BMC397071, that indicate the progress of log processing. For message descriptions, see the BMC Documentation Center (https://webapps.bmc.com/infocenter/index.jsp).

Support for optional column names in SQL INSERT

Log Master now lets you omit the column name list clause for INSERT statements in SQL output. This release adds INCLUDE or EXCLUDE INSERT COLUMN NAMES syntax to the LOGSCAN SQL file definition. The table in “LINEDATA2 field: SQL file type” also includes additional columns.

NOTE

Cabinet copies are not supported.
In the Log Master interface, this release adds the field **Exclude INSERT COLUMN NAMES**. . . . . N (Y=Yes, N=No) to the SQL Options panel.

**XML installation options**

Because the XML installation options are duplicates of the LOB installation options, Log Master now supports only the LOB installation options for use with both LOB and XML VSAM files. Log Master no longer supports the following installation options:

- XMLALLOC
- XMLDATA
- XMLDUPD
- XMLLIMIT
- XMLMGMT
- XMLSPACE
- XMLSTOR
- XMVLVOLS

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**NOTE**

Continue to use the following syntax:

- Use the LOBOPTS syntax to override installation option settings for LOB data.
- Use the XMLOPTS syntax to override installation option settings for XML data.

**Enhanced report templates**

Log Master now provides sample report templates for Summary, Audit, and Detail reports with control breaks on Table Name and Create Timestamp.

**Documentation changes**

This release includes the following documentation changes:

- The documentation corrects information about executing Log Master from a panel.
- All messages are now available in the BMC Documentation Center, which is accessible from the BMC Support Central site (http://www.bmc.com/support). A separate messages manual is no longer available.
Installation


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

Log Master 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* or the *BMC Products and Solutions for DB2 Configuration Guide*.

Requirements

For software, hardware, and other requirements, see the *Installation System User Guide*.

Installation changes

For information about installation changes, see the Installation System release notes.
**FMID and version information**

This release of Log Master uses version 2.3.60 of the Installation System and installation media.

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**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.

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During installation, the following versions and SMP/E FMIDs are installed:

<table>
<thead>
<tr>
<th>FMID</th>
<th>Product or component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS_C and SAS_C++</td>
<td>7.1.00</td>
</tr>
<tr>
<td>BBAPW32</td>
<td>BMC Password Security System</td>
<td>3.2.00</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1.00</td>
</tr>
<tr>
<td>ZALPB10</td>
<td>Log Master for DB2</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZAPTB10</td>
<td>High-speed Apply Engine</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZAUP241</td>
<td>BMCSORT</td>
<td>2.4.01</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
<td>1.5</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and C++ objects</td>
<td>1.9</td>
</tr>
<tr>
<td>ZSCCB10</td>
<td>DB2 Solution Common Code (SCC)</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZUSC540</td>
<td>UIM Common Services</td>
<td>5.4.00</td>
</tr>
<tr>
<td>ZZIO160</td>
<td>DB2 Option Carryover</td>
<td>1.6.00</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for Log Master 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 Log Master, BMC strongly recommends that you apply all available maintenance for the product and for the components and associated products that you installed with it. 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 via the Installation System. For more information, see the *Installation System User Guide*.

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**NOTE**

Before applying maintenance, ensure that you have completed the $B76APLF job to set up your maintenance environment.

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## 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 1 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.

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