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Documerge

Product Update Bulletin
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IBM MVS

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ORACLE®

Documerge

Version3.2.2

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Contents of this Product Bulletin

Major New Features & Enhancements

Oracle is pleased to announce the general availability of Documerge Version 3.2 Level 2 for IBM Advanced Function Presentation (AFP), Xerox Metacode, and line printer.

Compatibility with IBM zSeries

Oracle is presently not aware of any issues when running Documerge 3.2 on the IBM zSeries platform. Please note that certain features including, but not limited to, the following are not supported by Documerge:

- 64-bit addressing
  - VDRs and exit programs can use 24-bit or 31-bit addressing, but not 64-bit addressing mode
- Extended Address Volume (EVA)

Overview

VLAM®/MVS 3.2.2 is included with Documerge/MVS 3.2.2. If you are a user of Template Technology™, Documerge 3.2.0 is fully compatible with Template Technology 3.0.6. If you are a Docucorp Dynacomp® user, Dynacomp/MVS 1.0.4 is a prerequisite for use with Documerge/MVS 3.2.2.

Documerge 3.2 Level 2 Features and Enhancements

■ **New VDR EXEC PARM: RBOPEN=**

The format of the parameter is:

RBOPEN=*value*

Valid values are:

Value	Explanation
OPENLIB	This is the default.
OPENLIBA	If your VDR calls VLMSRVR with the OPENLIBA command, then specify **RBLIB=OPENLIBA** in your VDR EXEC PARM. Example: `//VDRSTEP  EXEC  PGM=MYVDR,PARM='RBOPEN=OPENLIBA'` You may specify this with other VDR EXEC PARMS. Example:

```
//VDRSTEP  EXEC PGM=MYVDR,PARM='VLMACCESS=RO,VLMCONTROL=KEEP,RBOPEN=OPENLIBA'
```

■ **New DMGMERGE EXEC PARM: EDTBDT=**

This parameter affects AFP output. The format for this parameter is:

`EDTBDT=value`

Valid values are:

Value	Explanation
Y or YES	Normally DMGMERGE will issue an IMM to force a new sheet of paper. A value of **Y** or **YES** causes DMGMERGE to issue an EDT/BDT sequence instead. Use this for post processors that do not recognize an IMM as forcing a new sheet of paper.
N or No	This is the default. It causes DMGMERGE to issue an IMM to force a new sheet of paper.

Documerge 3.2 Level 1 Features and Enhancements

■ **Keep any INVERT DJDE parameters that exists in EDL forms with the new STRIPINVERT parameter for the GLOBAL command.**

This parameter is for Metacode users only. The format of this parameter is

STRIPINVERT=_value_

where **_value_** is the placeholder for one of the following values:

Value	Explanation
Y or YES	Strip (remove / ignore) any INVERT parameters in DJDE records in EDL forms. *This is the default.*
N or NO	Keep any INVERT parameters in DJDE records in EDL forms.

- **Perform right-justification of the DMG.SET.NUMBER tag with the new RTJUSTIFY parameter for the MERGE command.**

  The format of this parameter is

  `RTJUSTIFY=DMG.SET.NUMBER`

  Specify this on any MERGE command to cause BPSDs that use the DMG.SET.NUMBER tag to be right-justified with this BPSD area. Remember that right-justification is on a character basis and generally requires a fixed-pitch font for desired results.

- **Use bit (dash code) processing with the DMG.SET.NUMBER tag.**

  Use tag names "DMG.SET.NUMBER.BIT.x" where "x" is a value from 1 to 99. See "Reserved Tags and Dash Codes" in the *Documerge Reference Guide* for more information on bit processing.

- **List reserved tag names in TAG parameters in the DMGMERGE SYSIN.**

  To allow this, use the following new GLOBAL parameter:

  ```
  TAGPARMRN=Y
  -or-
  TAGPARMRN=YES
  ```

  The default value for this new TAGPARMRN option is "N" (or No), meaning reserved tag names are ignored if placed in DMGMERGE SYSIN TAG parameters (as is the case with Documerge 3.2.0). The following reserved tags are affect by this:

  - DMG.MISSING.FORMS
  - DMG.VDR.ERRORS
  - DMG.DD.groupname
  - DMG.ERDD.groupname
  - DMG.ERROR.VRF
  - DMG.GCOPY.groupname
  - DMG.MDEF.groupname
  - DMG.FDEF.groupname

  Specifically, this feature was added to allow dynamic building of DMG.DD.groupname tag values using Command Tag processing.

Documerge 3.2 Level 0 Features and Enhancement

Documerge 3.2 Level 0 offers the following new features and enhancements:

- Speed improvements for use with IBM zSeries machines. Documerge 3.2 programs have been modified to run faster on the IBM zSeries machines.

- Optimization of Metacode output (most effective when used with portrait imposition and logical pages features). You can optimize DMGMERGE Metacode output — combining records into one larger record when possible. This can result in faster print, eliminating the Xerox message "Output has caught up with input."

- Selection of input trays for banner and trailer forms. DMGMERGE allows input tray selection for user banner and trailer forms.

- Implementation of the TAG= parameter for the GLOBAL and FILEDEF commands. You can now code TAG= paramameters for the GLOBAL and FILEDEF commands, similar to the current TAG= command for the MERGE command.

- Online distribution (email) of Trouble Ticket fixes. When possible, Oracle will email Trouble Ticket fixes, reducing the time needed to distribute them.

Product Documentation

The following documentation was updated for Documerge/MVS 3.2 Level 2:

- Using Documerge (reference), Version 3.2.2

Fixed Trouble Tickets

Documerge 3.2 Level 2 Trouble Ticket Log

Trouble Ticket #	Activity #	Explanation
TT011479	64930	S0C4 abend in program DMGMETDF with DMGMERGE COMMONFONTS.
TT013431	67669	At signs printed on left side of paper (portratit mode) with metacode inline forms.
TT013831	67669	Incorrect vertical spacing with metacode tumble.
TT013891	72487	Spacing problems in DMGAFPP output on 2nd and subsequent page of multipage form.
TT014110	73232	In DMGAFPP output with multiple BPT/EPT blocks on same page, landscape text was printing portrait.
TT014455	74310	Adding new EXEC PARM "RBOPEN" to avoid VDR error message "DMGRFM210F Error opening file RBLIB"
TT015022	76229	Fix S0C4 in program ISISEQIO when using BMC Batch Optimizer.
TT015089	76900	With ALLERROR=YES, the user banner page does not print on ERRDDN.
TT015134	76277	Adding new EXEC PARM "EDTBDT" to write EDT/BDT sequence instead of IMM to force new sheet of paper for AFP.
TT015634	81014	In DMGAFPP output, when the first text is a BPSD, horizontal spacing problems can occur due to an incorrect SVI value being generated.
TT015947	84872	Trailer forms use wrong FILEDEF TAG values.
TT016089	85106	Loop in common fonts program DMGMETDF when more than one page oriented DJDE is in a form.
TT016159	76209	DMGMERGE message DMGMRG1866I prints garbage for the cluster feed names.
TT016160	86948	DMGMERGE message DMGMRG252I prints garbage or an incorrect form name for missing overlay forms.
TT016205	N/A	Remove compression routines from archive output DMGMERGE.

Documerge 3.2 Level 1 Trouble Ticket Log

Trouble Ticket #	Activity #	Explanation
TT010016	58443	(Metacode users only) DMGMERGE wasn't properly handling STACK/OFFSET printer options with multiple Metacode output files.
TT010155	59265	DMGMERGE wasn't always placing the proper Documerge overlays on the last page of a package.
TT010245	59460	(Metacode users only) Forms with "FORMS=NONE" in the DJDE records would sometimes be written without the "FORMS=NONE".
TT010377	60351	(Metacode users only) Documerge now supports metacode FEED values longer than six (6) characters.
TT010404	60438	(Metacode users only) DMGMERGE with Metacode tumble processing would sometimes incorrectly generate message DMGMRG863E (font not found in font group def) even though the font is present.
TT010531	61311	DMGRBMUT report page numbering wasn't sequential.
TT010703	62105	In DMGMERGE, DTN-level SHEET overlays were sometimes printing on the wrong pages.
TT010733	62209	(Metacode users only) DMGMERGE no longer loops when using COMMONFONTS with Docuword forms.
TT011279	-none-	(Metacode users only) When using COMMONFONTS and overlays, and FORMSBUFF was too small, DMGMERGE was issuing error message: **DMGMRG422E,RC=910,RS=4992.**
TT011457	65845	(Metacode users only) When using a Docuword form with COMMONFONTS, subsequent forms (either Docuword or non-ocuword) sometimes didn't get changes to match the new COMMONFONTS list.
TT011479	64930	(Metacode users only) On rare occasions, DMGMERGE with COMMONFONTS would abend S0C4.
TT011501	64389	In DMGMERGE, optionally allow SYSIN TAG parameters to contain reserved tag names. Adding new GLOBAL parameter: **TAGPARMRN=x** where x is Y or YES or N or NO. The default is NO. Y or YES honors reserved tag names found in DMGMERGE SYSIN TAG parameters.
TT011726	66762	BPSDs using tag name DMG.SET.NUMBER can now be right-justified by specifying the following MERGE command parameter in the DMGMERGE SYSIN: **RTJUSTIFY=DMG.SET.NUMBER**.
TT011728	66773	BPSDs can now use ".bit" (dash code) processing with tag name DMG.SET.NUMBER.
TT011906	67276	In DMGMERGE, Documerge overlays with the LAST option weren't always written when overlays with MIDDLE or NOTLAST were also used in a package.
TT012006	67347	DMGMERGE no longer abends S0C4 when the DMG.FLST.groupname tag contains no data.

Trouble Ticket #	Activity #	Explanation
TT012132	65468	(AFP users only) In DMGMERGE, an incorrect IMM could be used when using DYNAMICCG=N and a form with no IMM follows a form with an embedded IMM in the EDL.
TT012139	67767	(Metacode users only) In DMGMERGE, release 3.2 was removing any INVERT parameters from DJDEs in EDL forms, where release 3.0 did not. DMGMERGE SYSIN now has a new GLOBAL parameter: **STRIPINVERT=x** where x is Y or YES or N or NO. The default is YES. N or NO keeps any INVERT DJDE parameters that exist in EDL forms.
TT012307	55620	(Metacode users only) DMGMERGE Metacode now properly handles more than 100 inline graphics records (GRAPHIC= in DJDE) in a form.
TT012308	48380	With PARMFILE=ddname in the EXEC PARM, Documerge would sometimes incorrectly create an open error on the parm file.

VLAM 3.2 Level 1 Trouble Ticket Log

Trouble Ticket #	Activity #	Explanation
-none-	-none-	(Commcommander 2.1-specific enhancements) Several enhancements to VLAM required by Commcommander 2.1 and implementation of its multi-tasking support.
TT002397	29478	(Enhancement) Implemented a "global" VLMMAINT parameter to allow users to control whether the member's "last access date" will be updated. The ACCESS= global parameter was implemented to control specific VLMMAINT commands.
TT009076	55019	(Retrofit from VLAM 3.1) When accessing multiple EDL's, the application would periodically and randomly receive a "record not found" error. Corrected the program logic pertaining to the handling of internal VLAM Library "alpha index" control blocks.
TT009518	-none-	When running the VLMMAINT RESTORE command and using the wild card feature to select all members from the backup file to be restored (MEM=*), the job would end with a condition code zero, but with the error message that "no Members matched the selection criteria". No members are restored to the VLAM Library. Corrected program logic that was incorrectly handling the Member's expiration date (EXPDATE) field.
TT009730	-none-	(Commcommander 2.1-specific enhancement) Enhanced the DD Name query function in the dynamic dataset allocation module VLMSVC99. This enhancement was implemented for the Commcommander 2.1 VLAM Driver.

Trouble Ticket #	Activity #	Explanation
TT009986	-none-	When running the VLMMAINT FORMAT command on a VSAM dataset that had been allocated and defined with the VSAM 'SPEED' attribute, the job ended with a return code 20 and error message VLM1134P "No error message matches the given return/ reason code combination". This correction now allows the FORMAT command to process with the VSAM 'SPEED' attribute.
TT010333	59951	When running the VLMMAINT BACKUP and COPY commands and accessing a VLAM Library in 'read only' mode (VLMMAINT parameter ACCESS=READ), the job would receive RACF system error message **"INSUFFICIENT ACCESS AUTHORITY"** This corrects the VLMMAINT BACKUP and COPY commands and allows the job to run in 'read only' mode. Also see TT011128 below.
TT010393	-none-	Corrected VLAM modules that use the internal ISITIME macro so that they can be linked reentrant.
TT010540	-none-	(Enhancement) Implement support of Relative Record Data Sets (RRDS) VSAM files greater than four gigabytes (GB) in size. This implements IBM's VSAM Extended Addressability feature. Previously, VLAM Libraries have been limited to a maximum size of four GB because of this VSAM limitation.
TT010626	-none-	When running VLMMAINT BACKUP command with the DISP=ARCHIVE parameter against a large EDL, the job issues error message VLMBCK1041P "VSAM GET failed while acquiring a block for update" and VSAM Return Code=8 Feedback=64. Also, the job step can abend with a SOC4-011 in module VLMAICTR. This fix corrects the problem.
TT010640	-none-	When using the VLMMAINT ALTER command to change a Members Expiration Date, an invalid date is stored in the Members Directory. An Expiration Date of EXPDATE=0999999F was created incorrectly. This has been fixed to store a valid date.
TT010641	61916	The VLMMAINT DIRECTORY command using the EXPDATE= selection parameter was not working correctly. This fix will now allow the DIRECTORY command to process the Expiration Date parameter ?qual to or less than?(EXPDATE=<) and the "Equal to or greater than" (EXPDATE=>) parameters to select and report the correct VLAM Members from the VLAM Library. Also, you can now specify a zero in a the "date range" selection format to select and report VLAM Members with an Expiration Date of zero (e.g., EXPDATE=0000/00/ 00-2005/01/15).
TT011128	64407	When running the VLMMAINT Directory command and accessing a VLAM Library in 'read only' mode (VLMMAINT parameter ACCESS=READ), the job would receive RACF system error message **"INSUFFICIENT ACCESS AUTHORITY"** This corrects the VLMMAINT DIRECTORY command and allows the job to run in 'read only' mode. Also see TT010333 above.

Trouble Ticket #	Activity #	Explanation
TT011654	-none-	(Commcommander 2.1-specific enhancement) Implemented new 'Deallocate' Data Definition (DDN) and Dataset Name (DSN) functions in the dynamic dataset allocation module VLMSVC99. This enhancement was implemented for the Commcommander 2.1 VLAM Driver.
TT002286	-none-	(Enhancement) Implement a new member "expiration date" field. This new field will work the opposite as the existing member's "effective date" field. This has been implemented as part of TT004949 described below.
TT002537	-none-	(Enhancement) Implement a new vlmaccess=ro (read only) for the VLMMAINT BACKUP command. This enhancement allows users to control whether the member's LASTACCESSDate is updated.
TT002538	30396	(Enhancement) Implement a new vlmaccess=ro (read only) for the VLMMAINT COPY command. This enhancement allows users to control whether the member's LASTACCESSDate is updated.
TT004949	42766	(Enhancement) Implement a "policy expiration date" processing. A new member attribute was added to the VLAM Library for the user to specify the member's "policy expiration date". This enhancement depends on the additional enhancement to Documerge that processes this new date field.
TT008541	52495	This APAR corrected an error causing VSAM return/reason code 44/ 1604. This is a "VSAM" 'put' failed while writing system buffers." This error occurs when running multiple applications that are updating (writing) to the same VLAM Library at the same time. This error was identified when running the I.R.I.S. and Commcommander VLAM Driver products. An internal VLAM program was corrected to downgrade its BFL/RPL before attempting buffer writes in its 'flush' routine.
TT008741	-none-	This APAR corrected an internal error that now allows VLMSRVW to process OPENNEWR correctly. This error was identified from the Commcommander VLAM Driver product.
TT008995	54927	When printing a VLMMAINT directory report using TYPE=DOCUMERGE, it was printing a 0 for the DTN number. This error occurred after printing more than 500 members from EDLs that contained a large number of members. The program was corrected by closing the member after reading its DTNS chain data.

Suppported and Discounted Version/Release/Level Notification

Supported Versions/Releases/Levels

- Documerge 3.2 (all levels)
- Documerge 3.1 (all levels)

Discontinued Version/Releases/Levels

- Documerge 3.0 (all levels)

Product Ordering Instructions

To receive Documerge Version 3.2, Level 2, your organization must

- Be a licensed user of Documerge
- Be current on Documerge software maintenance fees

If you need further assistance, please log a Service Request using My Oracle Support at

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