

Service	Description	Type
LU01883	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
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LU01885	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
LU01886	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
LU01887	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
LU01888	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
LU01889	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
LU01908	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this release is 8		

Gen Encyclopedia Server / Implementation Toolset
CA RS 2110 Service List for CEG6860

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FMID	Service	Description	Type
CEG6860	LU01883	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

FMID	Service	Description	Type
CEG7860	LU01884	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

Gen Encyclopedia Server / Implementation Toolset
CA RS 2110 Service List for CEHB860

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FMID	Service	Description	Type
CEHB860	LU01885	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

FMID	Service	Description	Type
CEHC860	LU01886	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

Gen Encyclopedia Server / Implementation Toolset
CA RS 2110 Service List for CEHD860

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FMID	Service	Description	Type
CEHD860	LU01887	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

Gen Encyclopedia Server / Implementation Toolset
CA RS 2110 Service List for CEKP860

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FMID	Service	Description	Type
CEKP860	LU01888	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

FMID	Service	Description	Type
CEKZ860	LU01889	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

FMID	Service	Description	Type
CETA860	LU01908	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES	PTF
The CA RS 2110 service count for this FMID is 1			

Service	Details		
LU01883	LU01883 M.C.S. ENTRIES = ++PTF (LU01883)		
	UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES		
	ENHANCEMENT DESCRIPTION:		
	Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2.		
	PRODUCT(S) AFFECTED:		
	CA GEN HOST ENCYCLOPEDIA	Release 8.6	
	CA GEN BASE MODULES (COMMON MODULES)	Release 8.6	
	CA GEN BASE UNRESOLVED RUNTIME MODULES	Release 8.6	
	CA GEN COMMON CICS MODULES	Release 8.6	
	CA GEN COMMON IMS MODULES	Release 8.6	
	CA GEN IMPLEMENTATION TOOLSET	Release 8.6	
	CA GEN CICS OPTION MQSERIES MIDDLEWARE	Release 8.6	
	CA GEN IMS OPTION MQSERIES MIDDLEWARE	Release 8.6	
	Related Problem:		
	CGMCMN 13209		
	Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1		
	DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES).		
	++VER (Z038)		
	FMID (CEG6860)		
	PRE (R093831 R098369 S008418 S014007 S014132)		
	SUP (LT01753 LT01883 LU01753 R099134 S006186 ST06186 TR99134)		
	++IF FMID(CEG7860) REQ(LU01884) .		
	++IF FMID(CEHB860) REQ(LU01885) .		
	++IF FMID(CEHC860) REQ(LU01886) .		
	++IF FMID(CEHD860) REQ(LU01887) .		
	++IF FMID(CEKP860) REQ(LU01888) .		
	++IF FMID(CEKZ860) REQ(LU01889) .		
++IF FMID(CETA860) REQ(LU01908) .			
++HOLD (LU01883) SYSTEM FMID(CEG6860)			
REASON (DB2BIND) DATE (21272)			
COMMENT (			
+-----+			
	CA GEN HOST ENCYCLOPEDIA	Release 8.6	
+-----+			
SEQUENCE	After Apply, but before using the Host Encyclopedia		
+-----+			
PURPOSE	Re-bind DB2 packages to enable changed functionality		
+-----+			
USERS	CA Gen Host Encyclopedia users		
AFFECTED			
+-----+			
KNOWLEDGE	CA Gen Host Encyclopedia Administrator		
REQUIRED			
+-----+			
ACCESS	DB2 bind authorization		
REQUIRED			
+-----+			

* STEPS TO PERFORM *			

Service	Details
	1. Modify the PTFBIND job in the Install JCL dataset to specify 'TIB01883' as the input clist. Ensure the Collection ID matches ISPF variable TIXECOLL in PARMLIB member TIUHE2. 2. Submit the PTFBIND job to re-bind the affected DB2 packages.).

Service	Details
LU01884	M.C.S. ENTRIES = ++PTF (LU01884) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: CA GEN HOST ENCYCLOPEDIA Release 8.6 CA GEN BASE MODULES (COMMON MODULES) Release 8.6 CA GEN BASE UNRESOLVED RUNTIME MODULES Release 8.6 CA GEN COMMON CICS MODULES Release 8.6 CA GEN COMMON IMS MODULES Release 8.6 CA GEN IMPLEMENTATION TOOLSET Release 8.6 CA GEN CICS OPTION MQSERIES MIDDLEWARE Release 8.6 CA GEN IMS OPTION MQSERIES MIDDLEWARE Release 8.6 Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEG7860) PRE (R097591 R098370 S014008) SUP (LT01884) ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) . ++HOLD (LU01884) SYSTEM FMID(CEG7860) REASON (ACTION) DATE (21272) COMMENT (+-----+ CA GEN IMPLEMENTATION TOOLSET Release 8.6 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Backup and Re-load the z/OS IT scripts +-----+ USERS CA Gen Implementation Toolset Administrator AFFECTED +-----+ KNOWLEDGE CA Gen Implementation Toolset Administrator REQUIRED +-----+ ACCESS CA Gen Implementation Toolset Administrator authorization REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** From the Implementation Toolset Main Menu:

Service	Details
	1. The Load Module script TIXMVSLM and RI Trigger script TIXMVSRI have been updated to use the COBOL 6.2 compiler to match the runtimes built with COBOL 6.2 for this PTF. Customize compiler options as required, especially if using a different compiler version. 2. Select option 1.4.2 to load the updated scripts from the CEHBSAMP library. Enter TIXMVSLM for the load module script and TIXMVSRI for the RI Trigger script. 3. Select option 1.3 to define a new target definition using the updated scripts or use PF4 to update an existing target definition to use the updated scripts. 4. Select option 1.1 to process implementation package using the new scripts. NOTE: The existing scripts will be overwritten when this PTF is deployed. Therefore, any customizations made prior to installing this PTF will be lost. Please make a backup copy of the scripts, if necessary, to avoid losing any customizations.). ++HOLD (LU01884) SYSTEM FMID(CEG7860) REASON (DB2BIND) DATE (21272) COMMENT (<pre> +-----+ CA GEN IMPLEMENTATION TOOLSET Release 8.6 +-----+ SEQUENCE After Apply, but before using Implementation Toolset +-----+ PURPOSE Re-bind DB2 packages to enable changed functionality +-----+ USERS CA Gen Implementation Toolset Administrator AFFECTED +-----+ KNOWLEDGE CA Gen Implementation Toolset Administrator REQUIRED +-----+ ACCESS DB2 bind authorization REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Modify the PTFBINDI job in the Install JCL dataset to specify 'TIB01885' as the input clist. Ensure the Collection ID matches the ISPF variable TIXECOLL in PARMLIB member TIUIT2. 2. Submit the PTFBINDI job to re-bind the affected DB2 packages.).</pre>

Service	Details
LU01885	M.C.S. ENTRIES = ++PTF (LU01885) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: CA GEN HOST ENCYCLOPEDIA Release 8.6 CA GEN BASE MODULES (COMMON MODULES) Release 8.6 CA GEN BASE UNRESOLVED RUNTIME MODULES Release 8.6 CA GEN COMMON CICS MODULES Release 8.6 CA GEN COMMON IMS MODULES Release 8.6 CA GEN IMPLEMENTATION TOOLSET Release 8.6 CA GEN CICS OPTION MQSERIES MIDDLEWARE Release 8.6 CA GEN IMS OPTION MQSERIES MIDDLEWARE Release 8.6 Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEHB860) PRE (R093834 R098371 S008421 S012045 S014133 S015465) SUP (LT01885 TR90343) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) . ++HOLD (LU01885) SYSTEM FMID(CEHB860) REASON (ACTION) DATE (21272) COMMENT (+-----+ CA GEN BASE MODULES (COMMON MODULES) Release 8.6 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Backup / Customize TICCPL clist if necessary +-----+ USERS CA Gen Host Encyclopedia Administrator AFFECTED +-----+ KNOWLEDGE CA Gen Host Encyclopedia Administrator REQUIRED +-----+ ACCESS CA Gen Host Encyclopedia Administrator authorization REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** For the Host Encyclopedia:

Service	Details
	The compiler options used for the generated code specified in clist TICCML are updated to use the COBOL 6.2 compiler. Customize compiler options as required, especially if using a different compiler version. NOTE: The existing TICCML clist will be overwritten when this PTF is deployed. Therefore, any customizations made prior to installing this PTF will be lost. Please make a backup copy of the TICCML clist, if necessary, to avoid losing any customizations.). ++HOLD (LU01885) SYSTEM FMID(CEHB860) REASON (DB2BIND) DATE (21272) COMMENT (<pre> +-----+ CA GEN BASE MODULES (COMMON MODULES) Release 8.6 +-----+-----+ SEQUENCE After Apply, but before using CA Gen HE or CA Gen IT +-----+-----+ PURPOSE Re-bind DB2 packages to enable changed functionality +-----+-----+ USERS CA Gen Host Encyclopedia Administrator AFFECTED CA Gen Implementation Toolset Administrator +-----+-----+ KNOWLEDGE CA Gen Host Encyclopedia Administrator REQUIRED CA Gen Implementation Toolset Administrator +-----+-----+ ACCESS CA Gen Host Encyclopedia Administrator authorization REQUIRED CA Gen Implementation Toolset Administrator authorization +-----+-----+ ***** * STEPS TO PERFORM * ***** For the Host Encyclopedia: 1. Ensure the Collection ID matches ISPF variable TIXERTCO in PARMLIB member TIUHE2 for jobs CEJOB14R and CEJOB15R in Install JCL dataset. 2. Submit the CEJOB14R job to run package bind clist for application runtime DBRM TIROLBCM. 3. Submit the CEJOB15R job to run package bind clist for application runtime DBRM TIRPROFD. For the Implementation Toolset: 1. Ensure the Collection ID matches ISPF variable TIXERTCO in PARMLIB member TIUIT2 for jobs ITJOB07R and ITJOB08R in Install JCL dataset. 2. Submit the ITJOB07R job to run package bind clist for application runtime DBRM TIROLBCM. 3. Submit the ITJOB08R job to run package bind clist for application runtime DBRM TIRPROFD.).</pre>

Service	Details
LU01886	LU01886 M.C.S. ENTRIES = ++PTF (LU01886) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: CA GEN HOST ENCYCLOPEDIA Release 8.6 CA GEN BASE MODULES (COMMON MODULES) Release 8.6 CA GEN BASE UNRESOLVED RUNTIME MODULES Release 8.6 CA GEN COMMON CICS MODULES Release 8.6 CA GEN COMMON IMS MODULES Release 8.6 CA GEN IMPLEMENTATION TOOLSET Release 8.6 CA GEN CICS OPTION MQSERIES MIDDLEWARE Release 8.6 CA GEN IMS OPTION MQSERIES MIDDLEWARE Release 8.6 Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEHC860) PRE (R093835 S008422 S012046 S014134 S015466) SUP (LT01886 R092427 R093762 R094544 S016152 ST16152 TR91791 TR92427 TR93762 TR94544) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) . ++HOLD (LU01886) SYSTEM FMID(CEHC860) REASON (ACTION) DATE (21272) COMMENT (-----+ CA GEN COMMON CICS MODULES Release 8.6 -----+ SEQUENCE After Apply -----+ PURPOSE Add new CICS program definitions for CICS Deployment -----+ USERS CA Gen Host Encyclopedia Administrator AFFECTED CA Gen Implementation Toolset Administrator -----+ KNOWLEDGE CA Gen Host Encyclopedia Administrator REQUIRED CA Gen Implementation Toolset Administrator -----+ ACCESS CA Gen Host Encyclopedia Administrator authorization REQUIRED CA Gen Implementation Toolset Administrator authorization -----+ ***** * STEPS TO PERFORM * *****

Service	Details
	Follow these steps to add the new CICS program definitions for CICS deployment: 1. Customize the NDEFCICS member in the CEHBSAMP library. 2. Submit the NDEFCICS job to create the new CICS program definitions. NOTE: An alternative to executing the NDEFCICS job would be to manually create the CICS definitions for TIRCINTG and TIRCSSTR using the information provided in the CA Gen Techdocs under "Install CA Gen on z/OS" in section "Install Gen Runtime Load Library Modules".).

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LU01887	LU01887 M.C.S. ENTRIES = ++PTF (LU01887) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: <table> <tr> <td>CA GEN HOST ENCYCLOPEDIA</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE MODULES (COMMON MODULES)</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE UNRESOLVED RUNTIME MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON CICS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON IMS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMPLEMENTATION TOOLSET</td><td>Release 8.6</td></tr> <tr> <td>CA GEN CICS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> </table> Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEHD860) PRE (R093836 S008423 S014135) SUP (LT01761 LT01887 LU01761 R092447 TR92447) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) .	CA GEN HOST ENCYCLOPEDIA	Release 8.6	CA GEN BASE MODULES (COMMON MODULES)	Release 8.6	CA GEN BASE UNRESOLVED RUNTIME MODULES	Release 8.6	CA GEN COMMON CICS MODULES	Release 8.6	CA GEN COMMON IMS MODULES	Release 8.6	CA GEN IMPLEMENTATION TOOLSET	Release 8.6	CA GEN CICS OPTION MQSERIES MIDDLEWARE	Release 8.6	CA GEN IMS OPTION MQSERIES MIDDLEWARE	Release 8.6
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LU01888	LU01888 M.C.S. ENTRIES = ++PTF (LU01888) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: <table> <tr> <td>CA GEN HOST ENCYCLOPEDIA</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE MODULES (COMMON MODULES)</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE UNRESOLVED RUNTIME MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON CICS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON IMS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMPLEMENTATION TOOLSET</td><td>Release 8.6</td></tr> <tr> <td>CA GEN CICS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> </table> Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEKP860) PRE (SO08424) SUP (LT01888) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) .	CA GEN HOST ENCYCLOPEDIA	Release 8.6	CA GEN BASE MODULES (COMMON MODULES)	Release 8.6	CA GEN BASE UNRESOLVED RUNTIME MODULES	Release 8.6	CA GEN COMMON CICS MODULES	Release 8.6	CA GEN COMMON IMS MODULES	Release 8.6	CA GEN IMPLEMENTATION TOOLSET	Release 8.6	CA GEN CICS OPTION MQSERIES MIDDLEWARE	Release 8.6	CA GEN IMS OPTION MQSERIES MIDDLEWARE	Release 8.6
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LU01889	LU01889 M.C.S. ENTRIES = ++PTF (LU01889) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: <table> <tr> <td>CA GEN HOST ENCYCLOPEDIA</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE MODULES (COMMON MODULES)</td><td>Release 8.6</td></tr> <tr> <td>CA GEN BASE UNRESOLVED RUNTIME MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON CICS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN COMMON IMS MODULES</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMPLEMENTATION TOOLSET</td><td>Release 8.6</td></tr> <tr> <td>CA GEN CICS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> <tr> <td>CA GEN IMS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr> </table> Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CEKZ860) PRE (SO08425 SO15044) SUP (LT01889) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CETA860) REQ(LU01908) . ++IF FMID(CEG6860) REQ(LU01883) .	CA GEN HOST ENCYCLOPEDIA	Release 8.6	CA GEN BASE MODULES (COMMON MODULES)	Release 8.6	CA GEN BASE UNRESOLVED RUNTIME MODULES	Release 8.6	CA GEN COMMON CICS MODULES	Release 8.6	CA GEN COMMON IMS MODULES	Release 8.6	CA GEN IMPLEMENTATION TOOLSET	Release 8.6	CA GEN CICS OPTION MQSERIES MIDDLEWARE	Release 8.6	CA GEN IMS OPTION MQSERIES MIDDLEWARE	Release 8.6
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Service	Details																																								
LU01908	LU01908 M.C.S. ENTRIES = ++PTF (LU01908) UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES ENHANCEMENT DESCRIPTION: Upgrade the Generators and Runtimes on z/OS to be built with Db2 v12, C/C++ 2.2, and COBOL 6.2. PRODUCT(S) AFFECTED: <table><tr><td>CA GEN HOST ENCYCLOPEDIA</td><td>Release 8.6</td></tr><tr><td>CA GEN BASE MODULES (COMMON MODULES)</td><td>Release 8.6</td></tr><tr><td>CA GEN BASE UNRESOLVED RUNTIME MODULES</td><td>Release 8.6</td></tr><tr><td>CA GEN COMMON CICS MODULES</td><td>Release 8.6</td></tr><tr><td>CA GEN COMMON IMS MODULES</td><td>Release 8.6</td></tr><tr><td>CA GEN IMPLEMENTATION TOOLSET</td><td>Release 8.6</td></tr><tr><td>CA GEN CICS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr><tr><td>CA GEN IMS OPTION MQSERIES MIDDLEWARE</td><td>Release 8.6</td></tr></table> Related Problem: CGMCMN 13209 Copyright (C) 2021 CA. All rights reserved. R00047-GEN086-SP1 DESC(UPGRADE C, C++, COBOL AND DB2 FOR GENERATORS AND RUNTIMES). ++VER (Z038) FMID (CETA860) PRE (SO08426 SO14136) SUP (LT01908) ++IF FMID(CEG7860) REQ(LU01884) . ++IF FMID(CEHB860) REQ(LU01885) . ++IF FMID(CEHC860) REQ(LU01886) . ++IF FMID(CEHD860) REQ(LU01887) . ++IF FMID(CEKP860) REQ(LU01888) . ++IF FMID(CEKZ860) REQ(LU01889) . ++IF FMID(CEG6860) REQ(LU01883) . <table><tr><td>MCS</td><td>LU01883</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU01884</td><td>STARTS ON PAGE 0072</td></tr><tr><td>MCS</td><td>LU01885</td><td>STARTS ON PAGE 0075</td></tr><tr><td>MCS</td><td>LU01886</td><td>STARTS ON PAGE 0087</td></tr><tr><td>MCS</td><td>LU01887</td><td>STARTS ON PAGE 0094</td></tr><tr><td>MCS</td><td>LU01888</td><td>STARTS ON PAGE 0097</td></tr><tr><td>MCS</td><td>LU01889</td><td>STARTS ON PAGE 0098</td></tr><tr><td>MCS</td><td>LU01908</td><td>STARTS ON PAGE 0099</td></tr></table>	CA GEN HOST ENCYCLOPEDIA	Release 8.6	CA GEN BASE MODULES (COMMON MODULES)	Release 8.6	CA GEN BASE UNRESOLVED RUNTIME MODULES	Release 8.6	CA GEN COMMON CICS MODULES	Release 8.6	CA GEN COMMON IMS MODULES	Release 8.6	CA GEN IMPLEMENTATION TOOLSET	Release 8.6	CA GEN CICS OPTION MQSERIES MIDDLEWARE	Release 8.6	CA GEN IMS OPTION MQSERIES MIDDLEWARE	Release 8.6	MCS	LU01883	STARTS ON PAGE 0002	MCS	LU01884	STARTS ON PAGE 0072	MCS	LU01885	STARTS ON PAGE 0075	MCS	LU01886	STARTS ON PAGE 0087	MCS	LU01887	STARTS ON PAGE 0094	MCS	LU01888	STARTS ON PAGE 0097	MCS	LU01889	STARTS ON PAGE 0098	MCS	LU01908	STARTS ON PAGE 0099
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Product Family	Product	Release
Application Development	CA GEN BASE MODULES (COMMON MODULES)	08.06.00
	CA GEN BASE UNRESOLVED RUNTIME MODULES	08.06.00
	CA GEN CICS OPTION MQSERIES MIDDLEWARE	08.06.00
	CA GEN CICS TCP/IP DIRECT CONNECT	08.06.00
	CA GEN COMMON CICS MODULES	08.06.00
	CA GEN COMMON IMS MODULES	08.06.00
	CA GEN HOST ENCYCLOPEDIA	08.06.00
	CA GEN IMPLEMENTATION TOOLSET	08.06.00
	CA GEN IMS OPTION MQSERIES MIDDLEWARE	08.06.00
	CA GEN IMS TCP/IP DIRECT CONNECT	08.06.00
The CA RS 2110 Product/Component Count for this release is 10		

CA RS Level	Service	FMID
CAR2110	LU01908	CETA860
	LU01889	CEKZ860
	LU01888	CEKP860
	LU01887	CEHD860
	LU01886	CEHC860
	LU01885	CEHB860
	LU01884	CEG7860
	LU01883	CEG6860
CAR2108	LU01762	CEG9860
	LU01761	CEHD860
CAR2107	LU01753	CEG6860
CAR2105	LU00570	CEG7860
CAR2104	LU00269	CEHB860
	LU00268	CEG6860
CAR2103	SO16038	CEG8860
	LU00154	CEHB860
	LU00153	CEG6860
CAR2102	SO16152	CEHC860
CAR2101	SO15734	CEG6860
	SO15712	CEHB860
CAR2012	SO15689	CEG6860
	SO15466	CEHC860
	SO15465	CEHB860
	SO15445	CEG9860
	SO15047	CEG8860
	SO15046	CEG6860
	SO15044	CEKZ860
	SO15043	CEKP860
	SO14009	CEHB860
	SO14008	CEG7860
	SO14007	CEG6860
CAR2010	SO14766	CEHB860
	SO14183	CEG7860
	SO14136	CETA860
	SO14135	CEHD860
	SO14134	CEHC860
	SO14133	CEHB860
	SO14132	CEG6860
CAR2009	SO14635	CEG6860
CAR2005	SO12663	CEG6860
	SO12046	CEHC860
	SO12045	CEHB860
CAR2002	SO11000	CEG6860
CAR1907	SO08426	CETA860
	SO08425	CEKZ860
	SO08424	CEKP860
	SO08423	CEHD860

CA RS Level	Service	FMID
	S008422	CEHC860
	S008421	CEHB860
	S008420	CEG8860
	S008419	CEG7860
	S008418	CEG6860
CAR1901	S006243	CEG6860
	S006186	CEG6860
CAR1811	S005671	CEG9860
	S005670	CEG9860
	S004601	CEHB860
CAR1810	R098371	CEHB860
	R098370	CEG7860
	R098369	CEG6860
CAR1808	S004427	CEKP860
	S003875	CEHB860
CAR1805	R099134	CEG6860
CAR1710	R097902	CEG6860
	R097591	CEG7860
CAR1703	R094544	CEHC860
CAR1702	R093862	CETA860
	R093836	CEHD860
	R093835	CEHC860
	R093834	CEHB860
	R093833	CEG9860
	R093832	CEG8860
	R093831	CEG6860
	R093762	CEHC860
CAR1611	R092447	CEHD860
	R092427	CEHC860