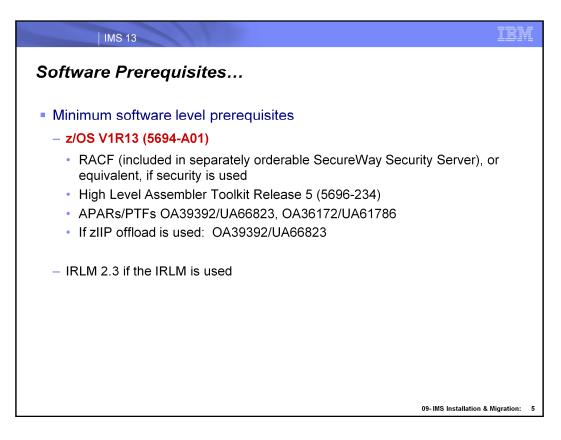


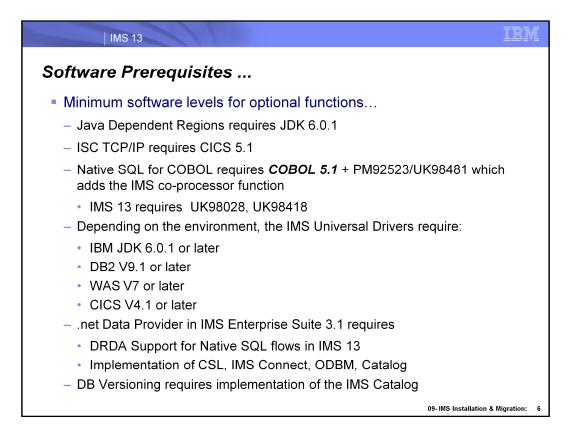
IMS 1:	3		IBM	
Packaging				
IMS 13 program number: 5635-A04 (Component ID 5635A0400)				
IMS 13 Component ID for RETAIN: 5635A0400				
	FMID	Feature Description	]	
	HMK1300	IMS System Services		
	JMK1301	IMS Database Manager		
	JMK1302	IMS Transaction Manager		
	JMK1303	IMS ETO		
	JMK1304	IMS Recovery Level Tracker		
	JMK1305	IMS Database Level Tracker		
	JMK1306	IMS Java on Demand		
	HIR2230	IRLM 2.3		
			O9- IMS Installation & Migration: 4	

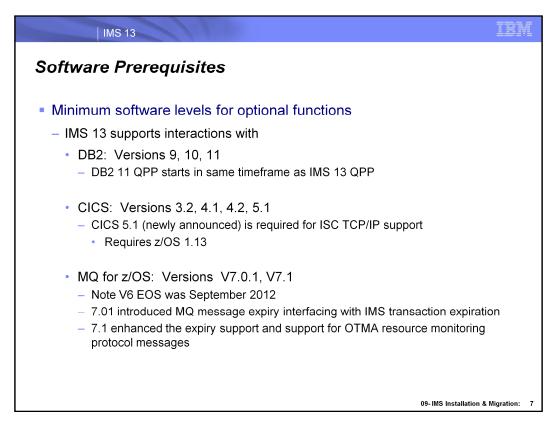
IMS 13 packaging is the same as that for IMS 11 and IMS 12. Transaction Manager is a prerequisite for ETO. Recovery Level Tracking RSR is a prerequisite for Database Level Tracking RSR.

IRLM 2.3 is the only IRLM shipped and supported with IMS 13.

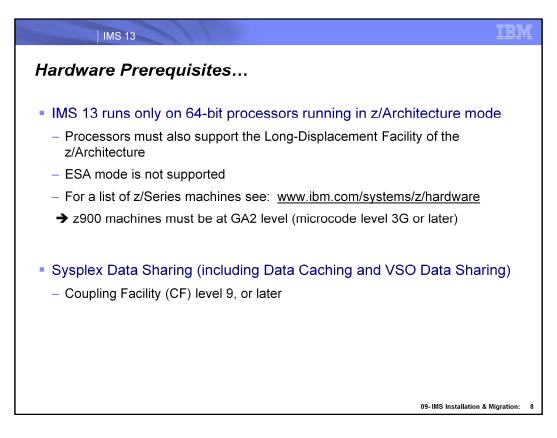


z/OS 1.13 is the base operating system level for IMS 13.

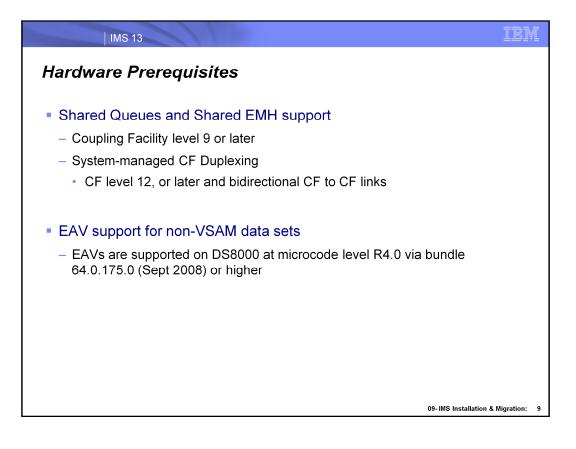




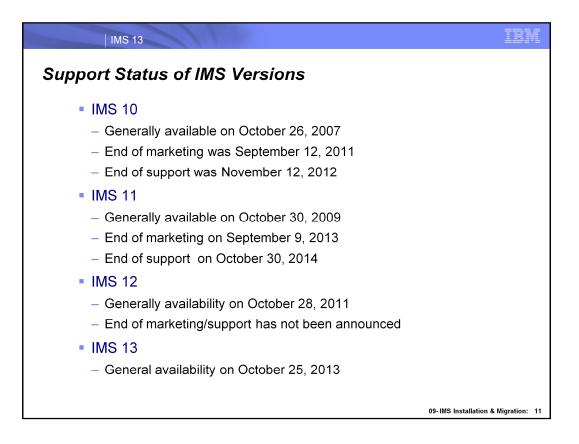
Note the software levels for interaction with DB2, CICS, or MQ.

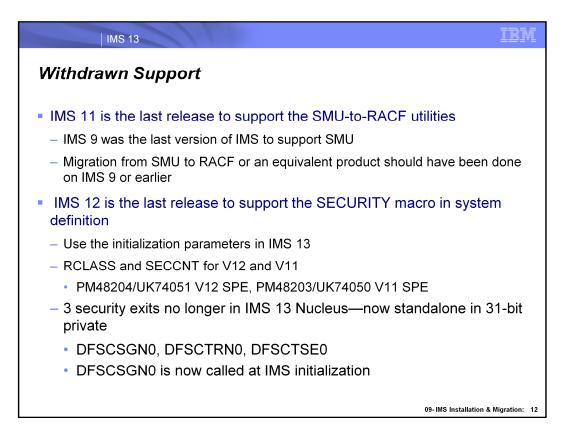


The hardware prerequisite for a 64 bit processor running in z/Architecture mode is not new for IMS.



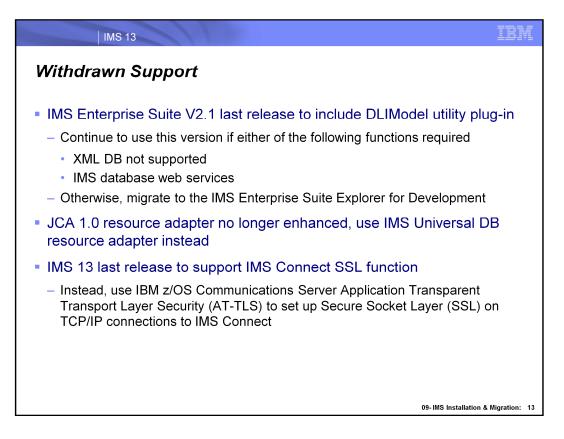
IMS 13	IBM	
Prerequisite Maintenance		
Fixes for Migration Download enhanced holddata		
– Run SMPE: REPORT MISSINGFIX (FIXCAT)		
The following are the categories that we have defined for IMS (the ones in red were set up for tools to use in their service):		
Category: <b>IBM.Coexistence.IMS.V11</b> Keywords: IMSV11COEX/K Description: Fixes that allow IMS V9 and V10 to coexist with, and fallback from, IMS V11. Category: <b>IBM.Coexistence.IMS.V12</b> Keywords: IMSV12COEX/K Description: Fixes that allow IMS V10 and V11 to coexist with, and fallback from, IMS V12. Category: <b>IBM.Coexistence.IMS.V13</b> Keywords: IMSV13COEX/K Description: Fixes that allow IMS V11 and V12 to coexist with, and fallback from, IMS V13.		
Category: <b>IBM.TargetSystem-RequiredService.IMS.V11</b> Keywords: IMSV11TGT/K Description: Fixes required on other IBM products to allow them to run with IMS V11. Category: <b>IBM.TargetSystem-RequiredService.IMS.V12</b> Keywords: IMSV12TGT/K Description: Fixes required on other IBM products to allow them to run with IMS V12. Category: <b>IBM.TargetSystem-RequiredService.IMS.V13</b> Keywords: IMSV13TGT/K Description: Fixes required on other IBM products to allow them to run with IMS V13.		
http://www-03.ibm.com/systems/z/os/zos/smpe/fixcategory.html		
09-IMS Installation & Migration: 10		





IMS 9 was the last version of IMS to support the Security Management Utility (SMU). IMS supplied SMU-to-RACF utilities to provide assistance in the migration from SMU to RACF. These utilities are not supplied after IMS 11. Users of SMU should have migrated from SMU to RACF or an equivalent product while on IMS 9 or an earlier version of IMS.

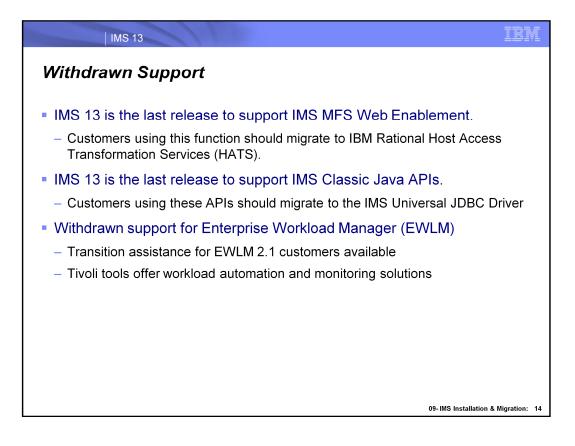
IMS 12 is the last release to support the SECURITY macro in system definition. Use the initialization parameters to define RCLASS and SECCNT in IMS 13. This capability has been retrofit to both IMS 11 and IMS 12.

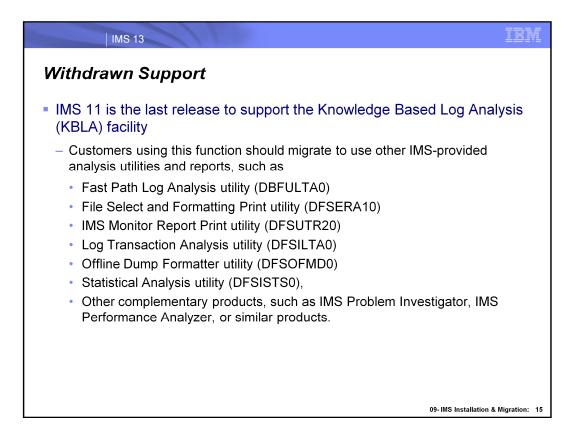


IMS Enterprise Suite Version 2.1 is the last release of IMS Enterprise Suite that will include the DLIModel utility plug-in. To take advantage of the most current enhancements, customers using the IMS Enterprise Suite DLIModel utility plug-in should migrate to using the IMS Enterprise Suite Explorer for Development instead. Although IMS Explorer for Development includes enhancements to most IMS Enterprise Suite DLIModel utility plug-in functions, it does not provide support for IMS XML DB or IMS database web services. Customers should continue to use the IMS Enterprise Suite Version 2.1 DLIModel utility plug-in if these functions are required.

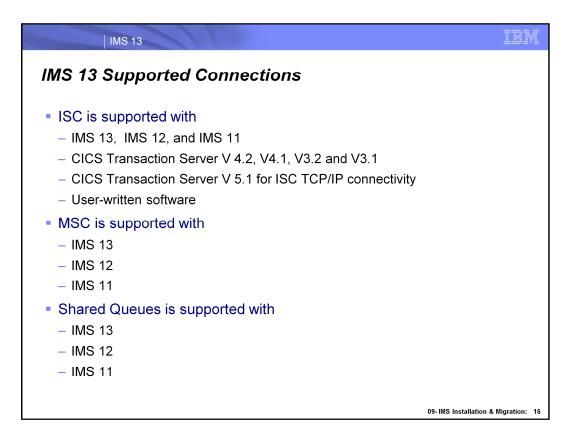
The JCA 1.0 resource adapter, one of the Java connectors in the IMS DB distributed resource adapter, is stabilized and is no longer being enhanced. **Recommendation:** Because the IMS Universal drivers are built on industry standards and open specifications, and provide more flexibility and improved support for connectivity, data access methods, and transaction processing options, use the IMS Universal DB resource adapter.

IMS 13 is the last version of IMS to support the IMS Connect SSL function. Customers using this function should migrate to using IBM z/OS Communications Server Application Transparent Transport Layer Security (AT-TLS) to set up Secure Socket Layer (SSL) on TCP/IP connections to IMS Connect





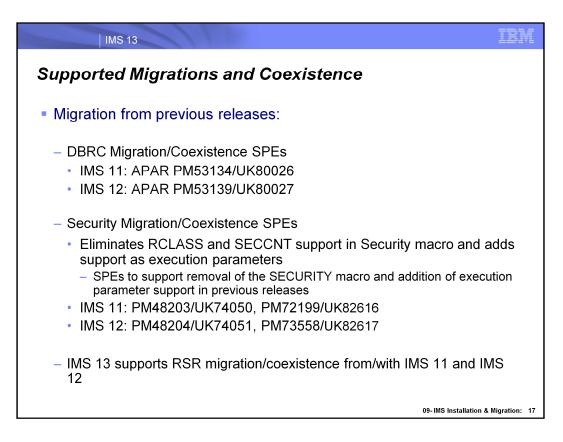
KBLA (Knowledge Based Log Analysis) is not supported after IMS 11. Two IBM IMS Tools, IMS Performance Analyzer and IMS Problem Investigator, provide capabilities to analyze logs. They provide capabilities similar to those of KBLA plus many more extensive analysis capabilities.



All currently supported releases of IMS and CICS are supported for ISC connectivity to IMS 13.

All currently supported releases of IMS are supported for MSC connectivity to IMS 13.

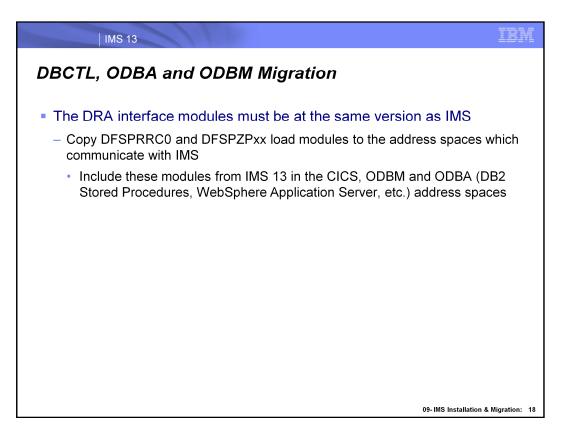
All currently supported releases of IMS are supported for shared queues with IMS 13 Transaction Manager.



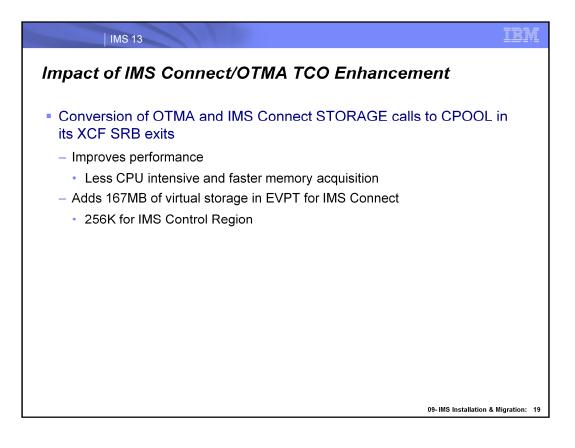
Migration from previous releases, e.g., IMS 11 or IMS 12 is supported.

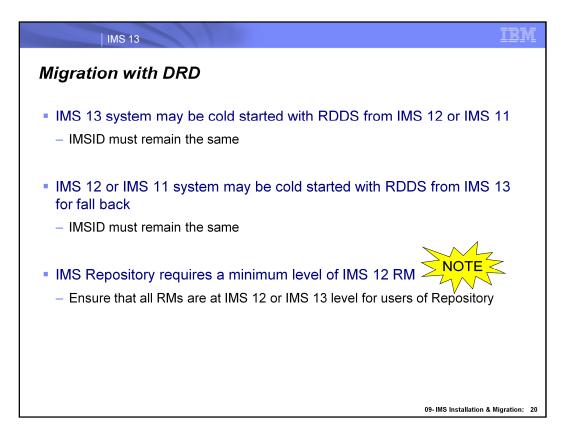
As always, DBRC migration/coexistence SPEs are provided.

In IMS 13, the SECURITY macro has been removed. SPEs are provided to support coexistence/migration.



The DRA interface modules are DFSPRRC0 and the DFSPZPxx member which is the DRA startup table. It is generated from the DFSPRP macro. These modules are specific to a version of IMS. They reside in the address space which communicates with IMS. These address spaces may include CICS, ODBM and the address spaces using ODBA, such as DB2 stored procedures and WebSphere Application Server.



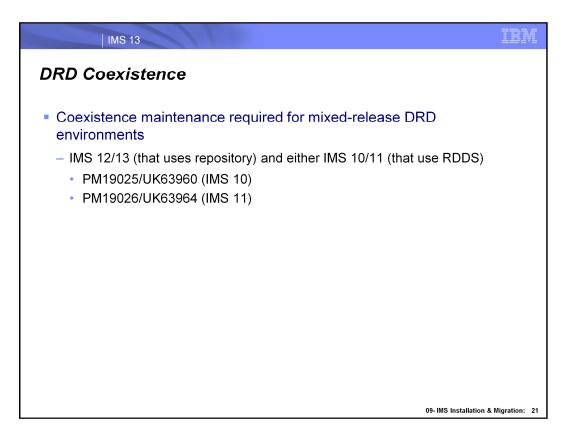


Installations which have implemented DRD in IMS 11 or IMS 12 may carry their DRD definitions forward to IMS 13 by using the RDDS. When IMS 13 is cold started, it may import its database, program, transaction, and routing code definitions from an RDDS created with IMS 12 or IMS 11.

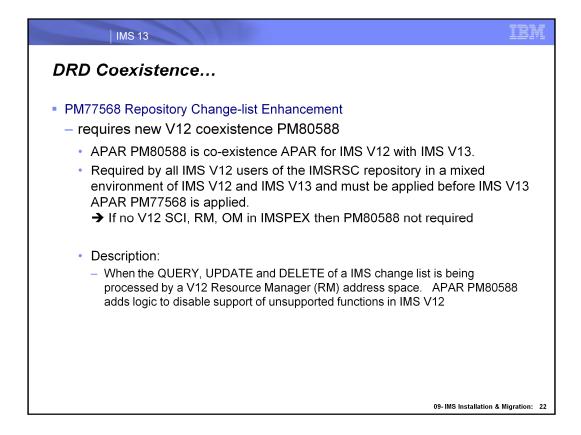
Similarly, for a fall back from IMS 13 to IMS 12 or IMS 11 you may cold start the IMS 12 or IMS 11 system and import definitions from an RDDS created by IMS 13.

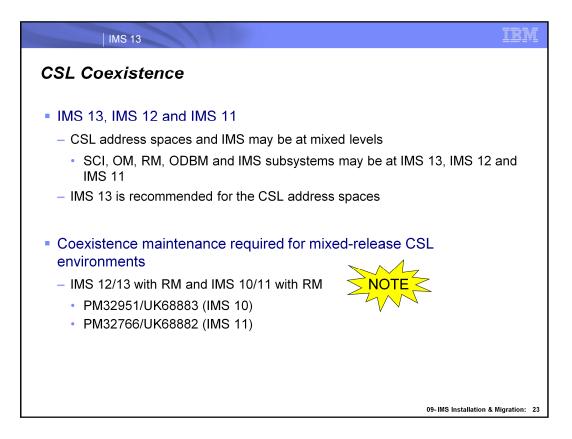
For both migration and fall back, the IMSID must be the same as that used by the system which created the RDDS.

The IMS Repository requires the RM to be at a minimum level of IMS 12. There is coexistence maintenance associated with this for IMS 12, which ensures that all RM address spaces are at IMS 12 for users of the IMS Repository. For IMS 13, it is included in the base.



For an IMS Version 12 or 13 system using the IMSRSC repository to coexist with an IMS Version 10 or 11 system using the RDDS data sets, coexistence APAR/PTF PM19025/UK63960 must be installed on the IMS Version 10 systems and coexistence APAR/PTF PM19026/UK63964 must be installed on the IMS Version 11 systems.

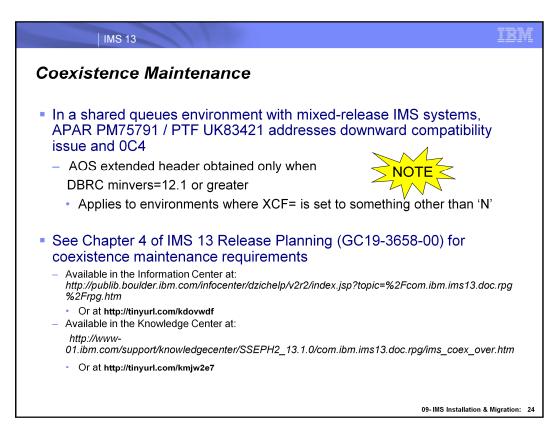




When migrating a system using the Common Service Layer address spaces, any address space may be migrated to IMS 13 before the other address spaces are migrated. It is permissible to have some SCI, RM, OM, ODBM and IMS subsystems on IMS 13 while others are on IMS 12 and/or IMS 11.

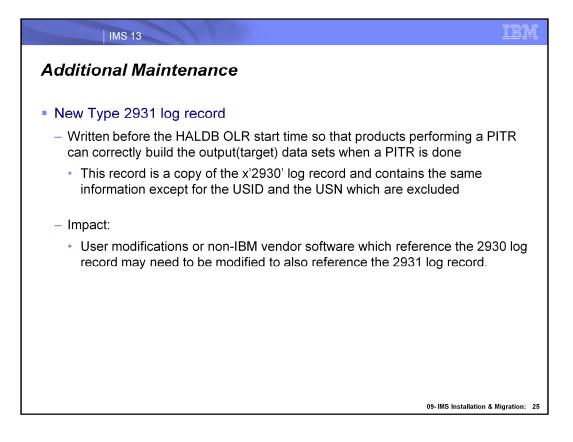
The use of IMS 13 CSL address spaces is recommended when any IMS subsystem is at IMS 13.

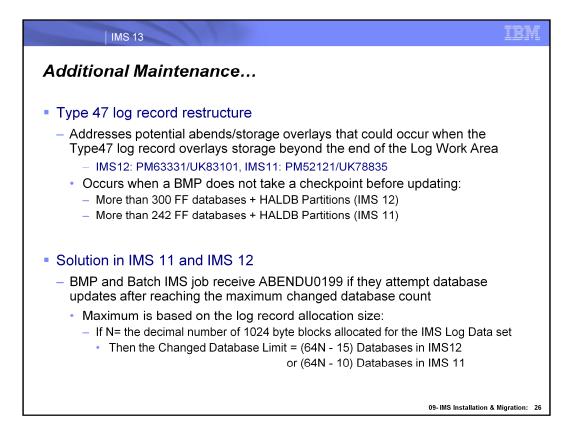
For an IMS Version 12 or 13 system using the CSL RM address space to coexist with an IMS Version 10 or 11 CSL RM address space, coexistence APAR PM32951/UK68883 must be installed on the IMS Version 10 systems and coexistence APAR/PTF PM32766/UK68882 must be installed on the IMS Version 11 systems.

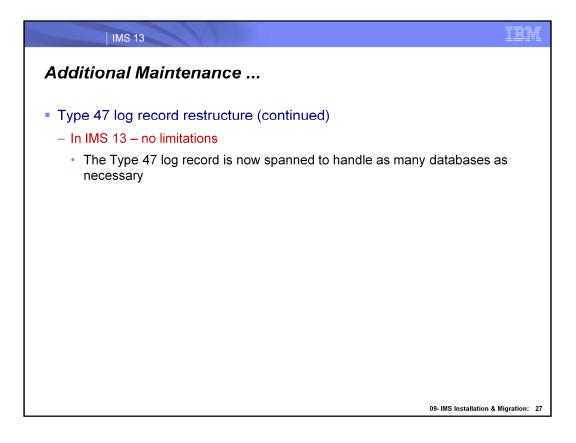


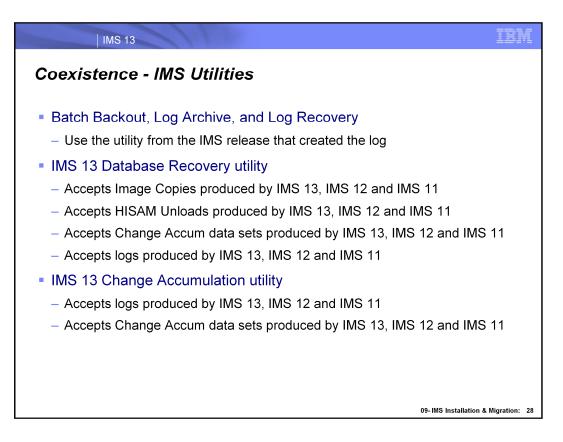
In a shared queues, mixed-release environment, IMS 12 APAR PM75791 will resolve issues with downward compatibility with IMS 11. This fix is currently being worked on, and updates will be made available to circumvent this issue. With the fix applied, IMS 12 will only obtain an extended AOS (APPC OTMA synchronous) header if all systems are IMS 12 (DBRC minvers=12.1). Otherwise, a shorter header compatible with IMS 11 is used. This fix affects processing for conversational transactions or output greater than 61K in mixed (IMS 11 and IMS 12) shared queues environments with an AOS specification other than "N", and will be added to the IMS 13 base.

Additional coexistence maintenance is listed in Chapter 4 of IMS 13 Release Planning.





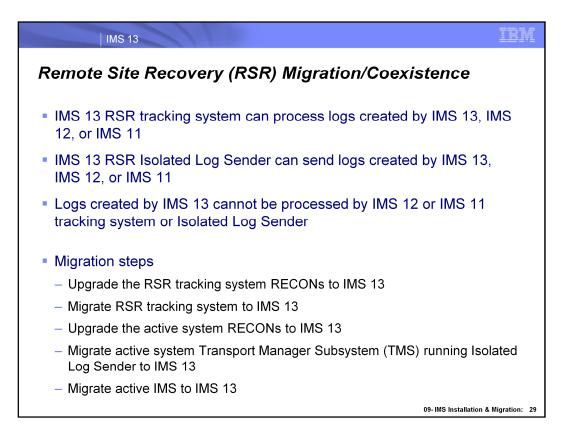




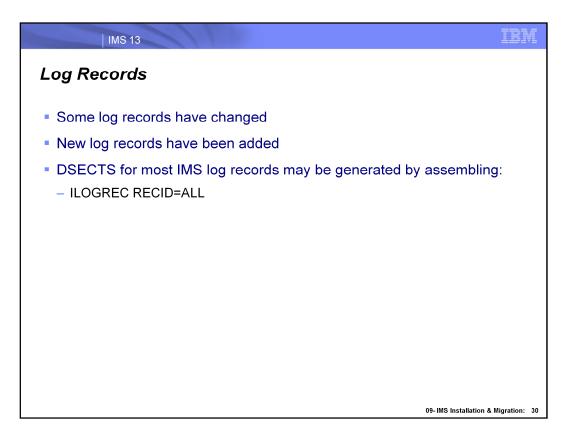
The Batch Backout, Log Archive, and Log Recovery utilities access one log. The release level of the utility must match the IMS release that was used to create the log.

The IMS 13 Database Recovery utility (DFSURDB0) accepts Image Copies, HISAM Unload data sets, Change Accumulation data sets, and IMS logs as inputs. These inputs may be created by any currently supported release of IMS.

The Change Accumulation utility accepts IMS logs and Change Accumulation data sets as inputs. These inputs may be created by any currently supported release of IMS.



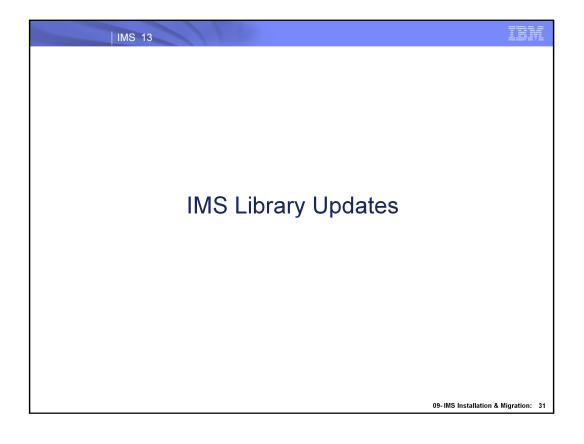
The migration of systems using RSR is similar to migrations for previous releases. IMS 13 tracking systems can process logs produced by lower releases. The IMS 13 Isolated Log Sender (ILS) function of the Transport Manager System (TMS) can process logs created by lower releases. On the other hand, IMS 12 and IMS 11 tracking systems cannot accept logs produced by IMS 13 and the IMS 12 and IMS 11 ILSs cannot accept logs produced by IMS 13 and the RSR components at the same time. You would more likely prefer to migrate them in stages. The restrictions mentioned above imply that the order of migration of the components is as shown on the slide. The tracking system must be migrated before or at the same time as the ILS at the active site. The ILS at the active site must be migrated before or at the same time as the active IMS system. The RECONs must be upgraded to IMS 13 before the systems that use them are migrated to IMS 13.



If you have application programs which process IMS log records, you should examine to see if they are affected by the changes to the log records. You can assemble DSECTs for IMS log records by using the ILOGREC macro.

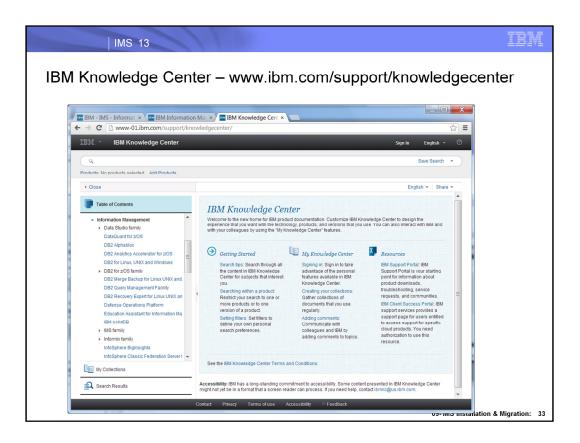
Log records which are new or changed in IMS 13 include the following hexadecimal log record types:

X'16' X'47' X'63' X'4021' X'450F' X'67D0'

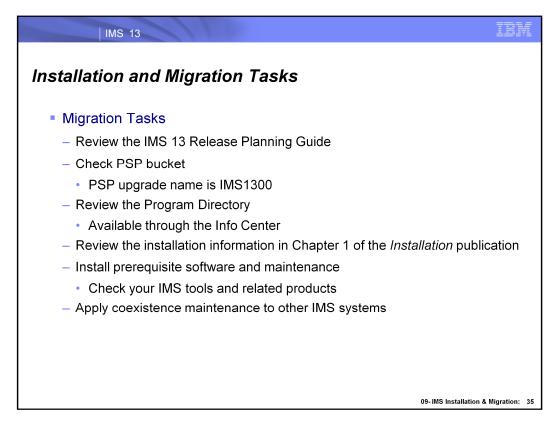


IMS 13	IBM
IMS Library Updates	
Books remain the same as IMS <sup>2</sup>	12
<ul> <li>ms13.doc.rpg%2Frpg.htm</li> <li>The new Knowledge Center         <ul> <li>http://www-</li> </ul> </li> </ul>	/infocenter/dzichelp/v2r2/index.jsp?topic=%2Fcom.ibm.i gecenter/SSEPH2_13.1.0/com.ibm.ims13.doc/imshome
e M3 aminutation     Programming this is     result of the importance of the im	General groups and
	Control Prevey Terms afters Accessibility Texablack

The Information Center has been updated to include information on IMS 13.







This is an overview of the tasks for migration to IMS 13.

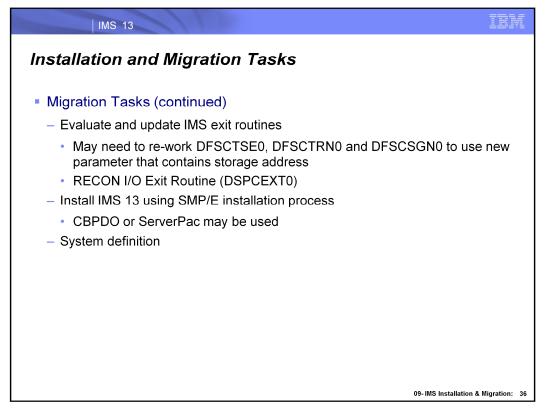
As for all installations of new products the Preventive Service Planning (PSP) bucket and the Program Directory for the product should be reviewed before beginning the migration.

You should read the IMS 13 Installation publications before beginning the migration process. Chapter 1 should be reviewed for installation information.

Other products may need to be upgraded for use with IMS 13. They could require maintenance or new releases.

You should apply DBRC coexistence SPEs to your IMS 12 or IMS 11 systems before upgrading your RECONs to IMS 13. This is required for the IMS 12 or IMS 11 systems to be able to use the RECONs after the upgrade.

Similarly, you should apply the other coexistence SPEs to your lower level IMS systems.



Recall that there is a new parameter available for use that enables sharing of storage between the securityrelated exits DFSCTSE0, DFSCTRN0 and DFSCSGN0. If you choose to use this new parameter, these exits must be updated to use it. Another exit routine that <u>must</u> be updated for use with IMS 13 is the RECON I/O Exit Routine (DSPCEXT0). If you use a RECON I/O Exit Routine, you should examine it for required changes due to the change in RECON records. As a sidenote, it is generally advisable to reassemble all assembler exits when migrating to a new IMS release in order to ensure that the latest macro changes are included.

CBPDO is Custom-Built Product Delivery Offering. The CBPDO product package consists of one logical tape (multiple volumes). A CBPDO package that includes IMS can also include other products in the same System Release (SREL). CBPDO also provides service for the products included with the product order. The service includes all PTFs available within one week of order fulfillment. All PTFs are identified by one or more SOURCEIDs, including PUTyymm, RSUyymm, SMCREC, and SMCCOR.

ServerPac is an entitled software delivery package. It consists of products and service for which IBM has performed the SMP/E installation steps and some of the post-SMP/E installation steps. To install the package on your system and complete the installation of the software it includes, use the CustomPac Installation Dialog, which is the same dialog used for all CustomPac offerings, including SystemPac® (dump-by-data-set format), ProductPac®, and RefreshPac. For IMS, ServerPac allocates, catalogs, and loads all the data sets; sets up the SMP/E environment; supplies a job to update PARMLIB (IEFSSNxx, PROGxx, IEASVCxx, and SCHEDxx) ; and directs you to start the IVP

System definition is required as with previous IMS releases. Most system definition statements from previous IMS releases are compatible with IMS 13.

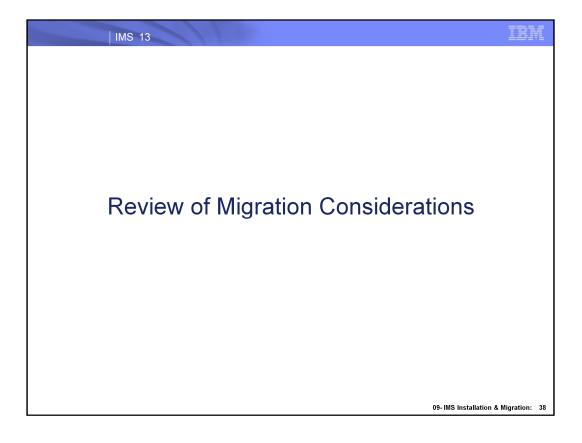
IMS 13	IBM
Installation and Migration Tasks	
<ul> <li>Migration Tasks (continued)</li> </ul>	
<ul> <li>Install the Type 2 and Type 4 SVCs</li> </ul>	
<ul> <li>Upgrade RECONs</li> </ul>	
– ACBGEN	
– Run the IVP	
	09-IMS Installation & Migration: 37

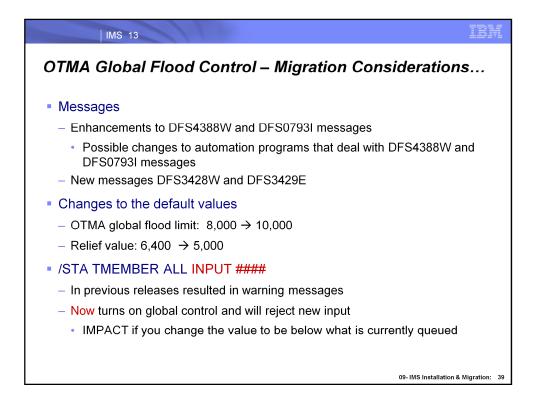
System definition creates the Type 2 and Type 4 SVC modules which must be installed in the z/OS system. A z/OS IPL is not required. They may be installed by running DFSUSVC0 and specifying SVCTYPE=(2,4).

Upgrade the RECONs by using the CHANGE.RECON UPGRADE command using the IMS 13 release of the DBRC utility.

An ACBGEN is required for use with the online system or any batch DBB jobs.

Running the IVP is optional, but recommended. All required installations tasks are done outside of the IVP. The IVP verifies that the installation is correct.





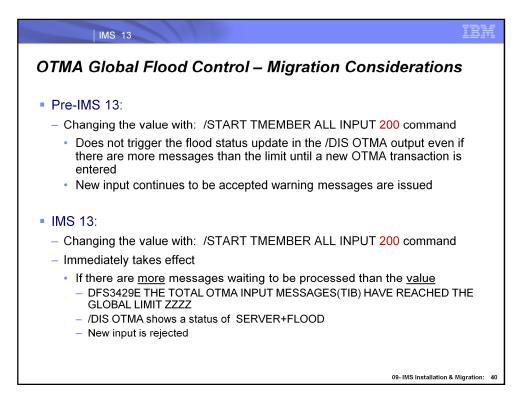
Older releases of IMS provided the following messages for an input message flood condition: DFS1988W, DFS1989E, and DFS0767I. In IMS 11 four additional messages were introduced: DFS4380W, DFS4381I, DFS4388W, and DFS0793I.

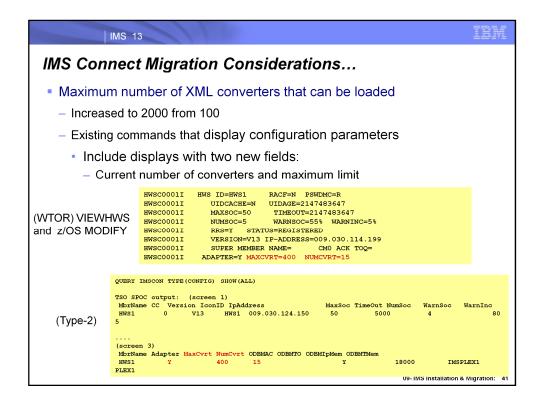
In IMS 13, the existing DFS4388W (when limit is reached and the new global support is not active) and DFS0793I (when flood is relieved) messages have been enhanced to make them clearer and to be consistent with the new messages:

•DFS3428W THE TOTAL OTMA INPUT MESSAGES(TIB) HAVE REACHED XX% OF THE GLOBAL LIMIT ZZZZ

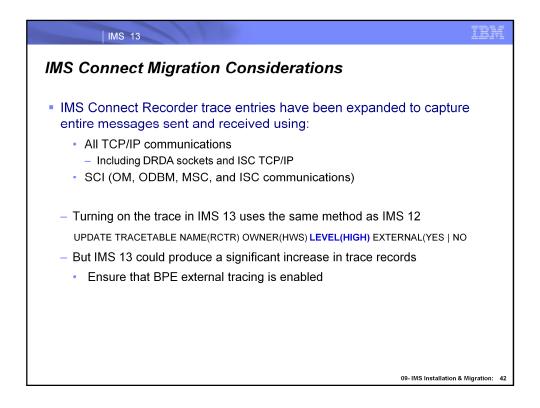
•DFS3429E THE TOTAL OTMA INPUT MESSAGES(TIB) HAVE REACHED THE GLOBAL LIMIT ZZZZ

Additionally, issuing the /STA TMEMBER ALL INPUT command prior to IMS 13 simply turned on global flood notification and a warning message at 100%. The same command in IMS 13 enforces the global limit and will cause any new input to be rejected.

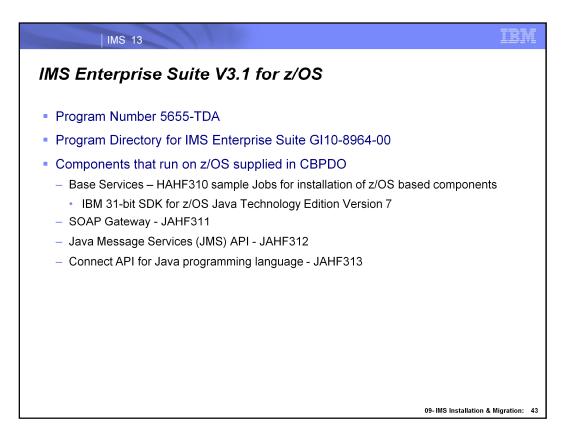




The previous maximum of 100 XML Converters that could be loaded at any one time into an IMS Connect instance has been increased to 2000. To support the new capability the existing IMS Connect command output to display the configuration has been enhanced to include the maximum as well as current number of converters. This affects the output of the WTOR command: VIEWHWS; the z/OS Modify command: F HWS1,QUERY MEMBER TYPE(IMSCON) SHOW (ALL); and the IMS Type-2 command: QUERY IMSCON TYPE(CONFIG) SHOW(ALL).



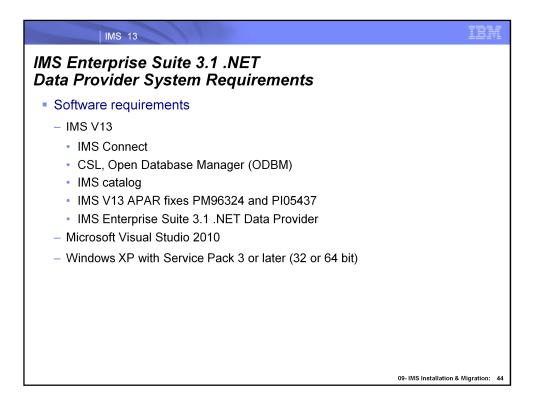
IMS Connect 12 introduced new Recorder Trace Records that made use of BPE's External Trace Tables. In IMS Connect 13, these trace records have been expanded to capture the entire messages sent and received on the DRDA sockets as well as all messages sent and received to/from OM and ODBM via SCI. Although enabling the trace in IMS Connect 13 uses the same command as in IMS Connect 12, the amount of trace information produced could be significantly higher. Make sure that BPE external tracing is enabled to account for the increase.

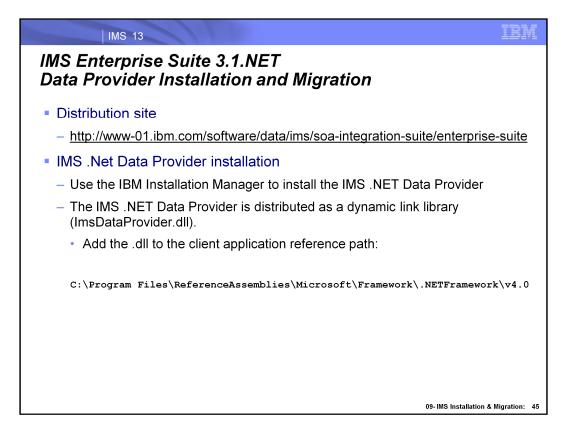


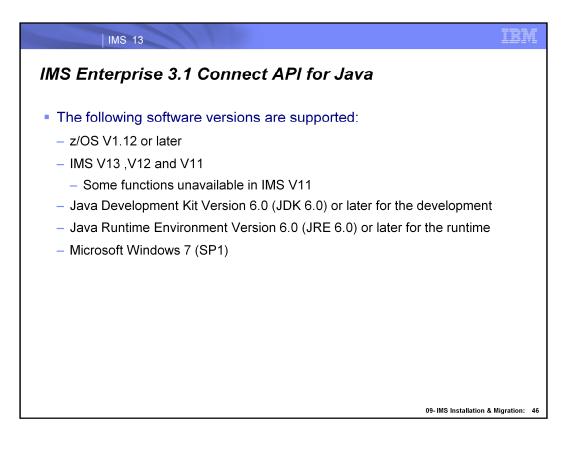
A new IMS Enterprise Suite is now available. The components in IMS Enterprise Suite for z/OS V3.1 are available for the z/OS or distributed platforms to facilitate application development and enable greater reach and maximum participation of IMS transactions and data in an On-Demand or service-oriented business environment. The Enterprise Suite for z/OS is supplied as no charge orderable Custom-Built Product Delivery Offering (CBPDO). See the Program Directory for IMS Enterprise Suite.

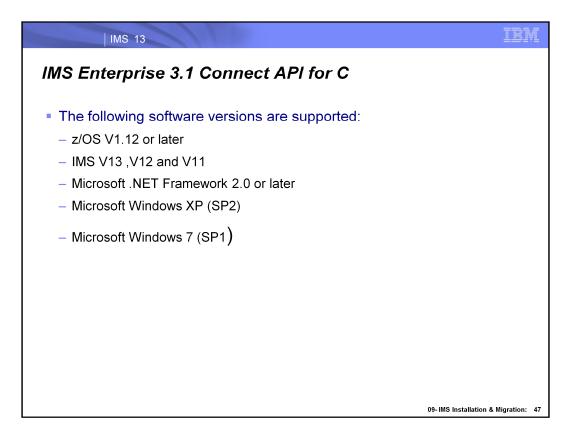
The Installable Information Center framework, which was shipped with IMS Enterprise Suite for z/OS, V2.2 (5655-T62), is not included in IMS Enterprise Suite for z/OS, V3.1.1 (5655-TDA). To install a local information center for local access to documentation for IMS Enterprise Suite for z/OS and other products, including IMS, IMS Tools, DB2® for z/OS, and DB2 Tools, you can download the latest version of the framework from its download site at

https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?source=swg-insinfozOS.

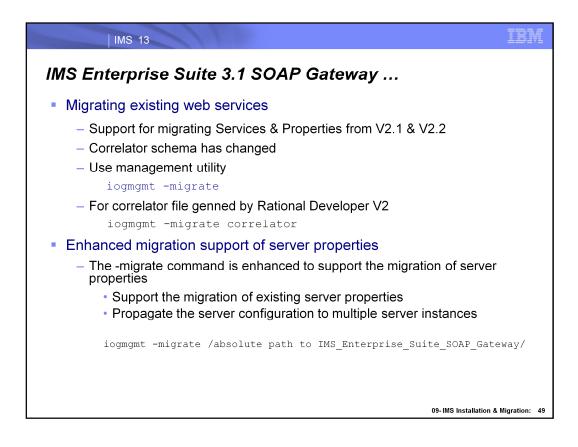


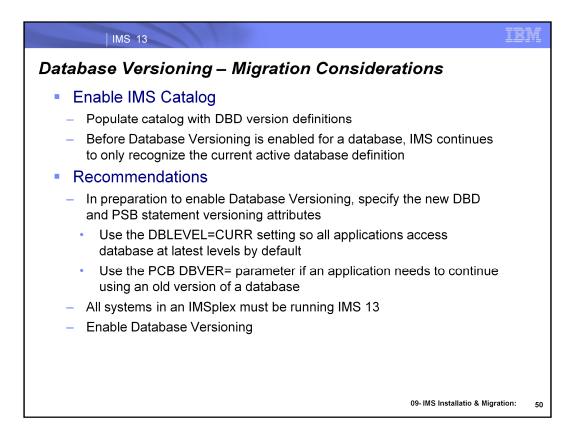


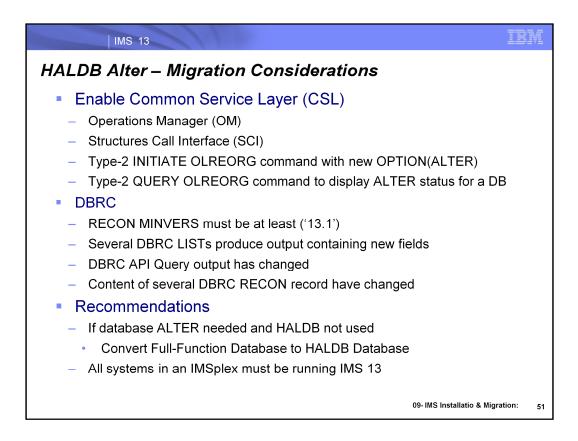


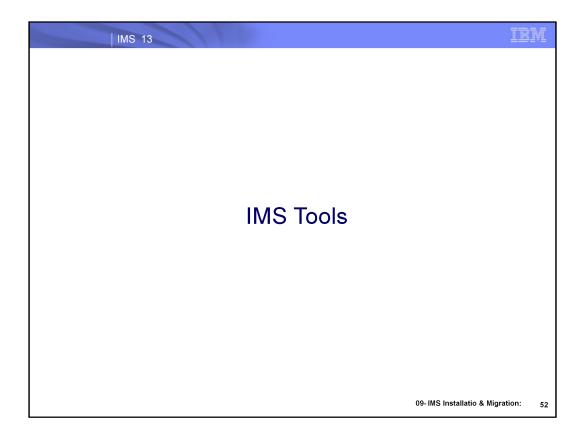


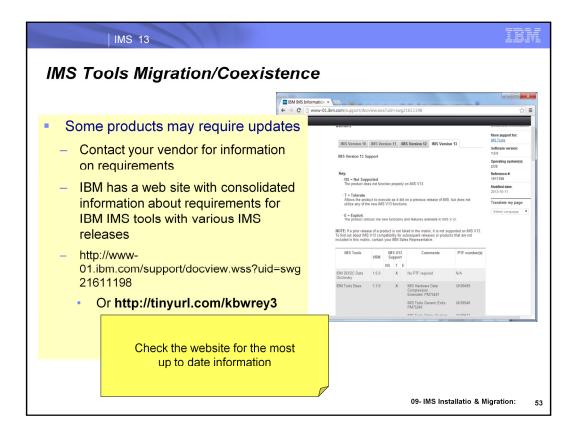
IMS 13	IBM
IMS Enterprise Suite 3.1 SOAP Gateway	
<ul> <li>z/OS V1.13 or later</li> <li>Supported IMS versions <ul> <li>IMS Enterprise Suite Version 3.1 supports IMS V13, V12, V11</li> <li>In addition:</li> <li>For IMS 11, APAR PM27324 must be applied</li> <li>For IMS 12, APAR PM29137 must be applied</li> <li>The SOAP Gateway transaction tracking and transaction logging features requires IMS APAR PM69983 &amp; PM76333</li> <li>For IMS 13 synchronous callout, APAR PM91344</li> </ul> </li> </ul>	12
<ul> <li>Java Technology Edition, Version 7.</li> <li>Required versions of Rational Developer for System z</li> </ul>	
<ul> <li>Rational Developer for System z Version 9.0 or later is required</li> <li>Requirements for business events for WebSphere Business Events:</li> </ul>	
<ul> <li>WebSphere Business Events Development Toolkit Version 6.2 or later installed compatible version of IBM Rational Application Developer for WebSphere Soft</li> <li>WebSphere Business Events Server Version 6.2 or later</li> <li>For WebSphere Business Monitor:</li> </ul>	ware
<ul> <li>WebSphere Business Monitor Development Toolkit Version 6.2 or later installe compatible version of Rational Application Developer</li> <li>09- IMS Installation 8</li> </ul>	











Product Name	V.R.M	PID	IMS 13 Support	Requirements
InfoSphere Guardium Data Encryption for DB2 and IMS Databases	1.2.0	5655-P03		Tool is IMS release independent - does not require a PTF
IBM DB/DC Data Dictionary	1.6.0	5740-XXF		Tool is IMS release independent – does not require a PTF
IBM Tools Base	1.3.0	5655-V93	Jan 2013	Gen Exits: PM75246/UK90548 TOSI: PM75257/UK90611 HWDCE: PM75481/UK90489 Scrub Utility: PM 79984/UK90846
IBM Transaction Analysis Workbench	1.1.0	5697-P37		PM75605/UK91447
IMS ADF II	2.2.0	5665-348		Tool is IMS release independent - does not require a PTF
IMS Audit Management Expert	1.2.0	5655-R23		Replaced by IBM InfoSphere Guardium S-TAP for IMS
IMS Batch Backout Manager	1.1.0	5697-H75		PM75612/UK90905

Product Name	V.R.M	PID	IMS 13 Support	Requirements
IMS Batch Terminal	3.1.0	5655-J57	N/A	New version required
Simulator	4.1.0	5655-BT4		PM70739/UK90240
IMS Buffer Pool Analyzer	1.3.0	5697-H77		PM75613/UK90934
IMS Cloning Tool	1.1.0	5655-U91		PM73059/UK91106
IMS Command Control Facility	2.1.0	5655-R58	Jan 2013	PM76073/UK91079
	1.3.0	5655-L69	N/A	New version required
IMS Configuration Manager	2.1.0	5655-WR2		PM75879/UK95193
	2.2.0	5655-S56	N/A	New release required
IMS Connect Extensions *	2.3.0	5655-S56		Includes Functional Support Library (FSL) – Common code for CEX. Toleration PTFs not required. Exploitation PTFs:
				- PM76242/UK95969 (CEX) - PM88073/UK95968 (FSL)

IMS Tools Supp	port			
Product Name	V.R.M	PID	IMS 13 Support	Requirements
IMS Data Refresher	1.1	5696-703		No PTF required
IMS Database Control Suite	3.2.0	5655-L08		PM75489/UK90875
IMS Database Reorganization Expert *	4.1.0	5655-S35		PM75249/UK90493
IMS Database Repair Facility (DBRF)	1.2.0	5655-E03		Out of service Sept. 2011. Now delivered as an embedded function owned by IMS HP Pointer Checker. The DBRF FMID is also "shadowed: in IMS Database Solution Pack and IMS Fast Path Solution Pack.
	1.1.0	5655-S77	N/A	New release required
IMS Database Solution Pack	1.2.0 2.1.0	5655-S77 5655-DSP	N/A	PTFs required for individual products Must apply PTFs for standalond products in the pack
IMS DataPropagator	3.1	5655-E52		No PTF required

\* Indicates that the pack component is sold also as a standalone product

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IMS DEDB Fast Recovery	2.2.0	5655-E32		PM75251/UK90239			
IMS ETO Support	3.1.0	5655-L61		PM76074/UK90989			
	1.1.0	5655-W14	N/A	New release required			
IMS Fast Path Solution Pack	1.2.0	5655-W14 5655-W14		Pack only: PM75252/UK90549 PTFs required for pack and stand-alone products Embedded Database Repair Facility function: PM78910/UK90495 Must apply PTFs for standalone products in the pack (HPIC and DBRF)			
IMS HALDB Toolkit	3.2.0	5655-N46		PM73162/UK83980			
IMS HP Image Copy *	4.2.0	5655-N45		PM75253/UK90552			
IMS HP Load *	2.1.0	5655-M26		PM75254/UK90459			
IMS HP Pointer Checker *	3.1.0	5655-U09		HPPC: PM75255/UK90496 DBRF: PM78910/UK90495			
IMS HP Prefix Resolution *	3.1.0	5655-M27		PM75256/UK90563			

Product Name	V.R.M	PID	IMS 13 Support	Requirements
IMS HP Sysgen Tools	2.2.0	5655-P43		PM75614/UK90992
IMS HP Unload *	1.2.0	5655-E06		PM75257/UK90563
IMS Index Builder *	3.1.0	5655-R01		PM75258/UK90494
IMS Library Integrity Utilities *	2.1.0 2.2.0	5655-U08 5655-U08		PM75259/UK90553 No PTF required
IMS Network Compression Facility	1.1.0	5655-E41		PM75616/UK90350
IMS Online Reorganization Facility	1.2.0	5655-H97		PM75260/UK90554
IMS Performance Analyzer *	4.2.0	5655-R03	N/A	New release required
INIG T enormance Analyzer	4.3.0	5655-R03		PM74169/UK90796
IMS Performance Solution	1.1.0	5655-S42	N/A	New release required
Pack	1.2.0	5655-S42		PTFs required for individual products

Product Name	V.R.M	PID	IMS 13 Support	Requirements
	2.2.0	5655-R02	N/A	New release required
IMS Problem Investigator *	2.3.0	5655-R02		V11 components: PM74271/UK90807 V12 components: PM74272/UK90808 V11 components: PM74172/UK90802
IMS Program Restart Facility	2.1.0 2.2.0	5655-E14 5655-E14		PM75617/UK90879 No PTF (note: IMS BBM is merged into IMSPRF
IMS Queue Control Facility	3.1.0	5697-N50		PM75713/UK90617
IMS Recovery Expert	2.1.0	5655-S98		PM73060/UK93129
IMS Recovery Solution Pack	1.1.0	5655-V86		DRF: PM73744/UK90564 DRF-XF: PM75720/UK90586 HPCA: PM75717/UK90565 DRF/XF IMSv13 support does not include the RCU and RECONCOPY features (future PTF)

Product Name	V.R.M	PID	IMS 13 Support	Requirements
IMS Sequential Randomizer Generator	1.1.0	5655-E11		IMS release independent – does not require a PTF
IMS Sysplex Manager	1.3.0	5655-P01		PM76076/UK90640
IMS Workload Router	2.7.0	5697-B87		PM72991/UK90761
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MS Tools Solution Pack co	
IMS Recovery Solution Pack         IMS Database Recovery Facility         IMS Database Recovery Facility: Extended Functions         IMS High Performance Change Accumulation Utility         IMS High Performance Image Copy *         IMS Index Builder *	IMS Fast Path Solution Pack         IMS Fast Path Advanced Tool         IMS Fast Path Basic Tools         IMS Fast Path Online Tools         IMS High Performance Image Copy *         IMS Library Integrity Utilities *         Database Repair Facility function embedded (separate*shadowed FMID)
IMS Performance Solution Pack IMS Connect Extensions * IMS Performance Analyzer * IMS Problem Investigator *	IBM Tools Base Autonomics Autonomics Director IMS Tools Knowledge Base
IMS Database Solution Pack IMS Database Reorganization Expert * IMS High Performance Image Copy * IMS High Performance Load * IMS High Performance Profix Resolution * IMS High Performance Unload * IMS Lindex Builder * IMS Library Integrity Utilities * Database Repair Facility function embedded (separate "shadowed" FMID)	<ul> <li>Policy Services Modernization (GUI)</li> <li>Administration Console</li> <li>IMS Batch Terminal Simulator Resource Adapter</li> <li>IMS Batch Terminal Simulator GUI plugin Common Services</li> <li>Connection Server</li> <li>Distributed Access Infrastructure</li> <li>IMS Tools Generic Exits</li> <li>IMS Tools Online System Interface</li> <li>ZIIP Enablement Routine (API) Supplementary Tools</li> <li>IMS Hardware Data Compression Extended</li> <li>IBM Tools Customizer (separate FMID)</li> <li>IMS Records User Data Scrub Utility</li> </ul>

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Other Tools Sup	oportin	ng IMS 1	3			
Product Name	V.R.M	PID	IMS 13 Support	Requirements		
Application Performance	13.1	5655-Q09		GA – 10/18/2013		
Analyzer for z/OS	12.1	5697-Q03		PM85313/UK93416		
Application Recovery Tool for IMS and DB2 Databases	1.2.0	5697-F56		PM99596		
	13.1	5655-Q10		GA – 10/18/2013		
Debug Tool for z/OS	12.1	5655-W45	N/A	No PTF required		
	11.1	5655-W45	No support	New version required		
	10.1	5655-V50	No support	New version required		
	13.1	5655-Q11		Available 10/18/2013		
Foult Another or for =/OC	12.1	5655-W69		PM78349/UK91859		
Fault Analyzer for z/OS	11.1	5655-W46		PM78350/UK91900		
	10.1	5655-\/51		PM78351/UK91960		
	13.1	5655-Q12		GA – 10/18/2013		
File Manager for =/OS	12.1	5655-W47		No PTF required		
File Manager for z/OS	11.1	5655-W47	No support	New version required		
	10.1	5655-V52	No support	New version required		
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## IMS 13

## Other Tools Support ...

Product Name	V.R.M	PID	IMS 13 Support	Requirements
Hourglass	6.1.0	5697-P29		No PTF required Hourglass User Guide updated with instructions to setup IMS to
				work with HourGlass.
InfoSphere Classic Change	11.1	5655-IM5		PTFs TBD
Data Capture for z/OS	10.1	5655-W29		
InfoSphere Classic Data Event Publisher for z/OS	9.5	5655-R54	N/A	Use InfoSphere Classic Change Data Capture for z/OS 11.1
InfoSphere Classic	11.1	5655-IM4		PTFs TBD
Federation for z/OS	10.1 9.5	5655-W33 5655-R52	N/A	PTFs TBD New version required
InfoSphere Classic	9.5	5655-R53	N/A	Use InfoSphere Classic CDC for z/OS v11.1
Replication Server for z/OS	10.1	5655-W28		PTFs TBD
InfoSphere Guardium S-	9.0	5655-STY		PM74892/UK90690 for IMS 13 support for users of AUI V9.0
TAP for IMS on z/OS	8.2.0	5655-STN	N/A	
InfoSphere IMS Replication	11.1	TBD		No PTF required
for z/OS	10.1	5655-W28		PTF TBD
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## Other Tools Support ...

Product Name	V.R.M	PID	IMS 13 Support	Requirements
InfoSphere OPTIM Data Growth Solution for z/OS IMS/VSAM/SEQ	7.2	5655-DG9	(Classic Fed support only)	OPTIM LUW depends on the following products to support IMS 13: - IBM Classic Federation Server v10.1 - Optim Connect 5.3.3
InfoSphere OPTIM Move	7.2	5655-V0 <b>4</b>	(ISPF-based	No PTF required
IMS//VSAM/SEQ (ISPF)	7.1	5655-V04	support only)	For IMS 12 PM43674/UK70435 which is the pre-req for IMS 13
InfoSphere OPTIM Test Data Management Solution for z/OS IMS/VSAM/SEQ (Distributed)	8.1.0	5655-DG4	(Classic Fed support only)	OPTIM LUW depends on the following products to support IMS 13: - IBM Classic Federation Server v10.1 - Optim Connect 5.3.3
Tivoli AF/Integrated Resource Manager	5.0.0	5608-AFI		OA40457/UA66818
Tivoli AF/Operator on z/OS	3.4.1	5608-C03		No PTF required
Tivoli Decision Support for	1.8.1	5698-B06		Toleration: PM83774/UK97165
z/OS	1.8.0	5698-B06		Toleration: PM83744/UK97164

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Other Tools Supporting IMS 13							
Product Name	V.R.M	PID	IMS 13 Support	Requirements			
Tivoli OMEGAMON XE for IMS on z/OS	5.1.0	5698-T02		OA43450/UA70976 OA40749/UA68727			
	4.2.0	5698-A34		OA43450/UA70976 OA40749/UA68726			
Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS	5.1.1	5655-W38		PM70618/UK91292			
	5.1.0	5655-W38		PM70618/UK91291			
	4.2.0	5655-Q08	N/A	New version required			
Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS	5.1.1	5655-W37		PM70618/UK91292			
	5.1.0	5655-W37		PM70618/UK91291			
	4.2.2	5655-Q07	N/A	New version Required			
Tivoli System Automation for z/OS (TSA)	3.4	5698-SA3	N/A	Tool is IMS release independent, does not require a PTF			
	3.3	5698-SA3	N/A	Tool is IMS release independent, does not require a PTF			
	3.2	5698-SA3	N/A	End of service Apr 2013			
	3.1	5698-SA3	N/A	End of service Sept 2010			
IBM Tivoli Monitoring (ITM)	6.2.2	5724-C04	N/A	Tool is IMS release independent, does not require a PTF			

IMS 13	11							
Other Tools Su	Other Tools Supporting IMS 13							
Product Name	V.R.M	PID	IMS 13 Support	Requirements				
Tivoli Omegacenter Gateway on z/OS	3.4.1	5608-C04		OA41379/UA67913				
WebSphere MQ for z/OS	7.1.0	5655-R36 5655-R36		No PTF required No PTF required				
/ebSphere MQ for z/OS		5655-R36		No PTF required				
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