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	S_ Abend search and notification - Lotus Notes
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	IBM - IMS Information Management Software
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111	* >>> An IMS control region abend has been detected <<< *
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22	**
5	This e-mail was automatically generated by IMS
1994 I	to help you understand the possible cause of this failure.
3	
-	Abend code "SOC4 " was reported at termination.
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<u> </u>	To view information polynoid to this failure, plick on one of the
	following links (URLs):
	1. Abend Description
	http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/SEARCH?Book=DF5D20F3&s
	earchTopic=DUC4sOD%0A6SEARCH=SearchStype=FUZ2X6SHELF=6DT=200209170804266s
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	2. Similar known reported problems
	http://www-1.1bm.com/support/search.wss?q=S0C4+and+RC12&tc=SSEPH2++894&rs=8
	1















Imorrieutor On Demand	
CREATE Command with LIKE Parameter	
 LIKE parameter uses default attributes from another resource or descriptor 	
Examples:	_
CRE PGM NAME(PGM1) SET(RESIDENT(Y)) CRE PGM NAME(PGM2,PGM3) LIKE(RSC(PGM1)	
CRE TRAN NAME(TRN1) SET(PGM(PGM1) MAXRGN(5) PAPLIM(6) CLASS(4))	
CRE TRAN NAME(TRN2,TRN3) LIKE(RSC(TRN1) SET(PGM(PGM23))	
CRE TRANDESC NAME(TRNCONV) SET(PGM(PGM1)	
CLASS(1) PARLIM(3) CONV(1) SPASZ(2000)) CRE TRAN NAME(TRN5) LIKE (DESC(TRNCONV) SET(PGM(PGMC1) CLASS(5))	
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IMS Version 10	M
Manage Resources Application	
TSO SPOC-like application Support for Dynamic Resource Definition Invoked from IMS Application Menu	
 Panels for defining resources without a knowledge of DRD commands Actions Create, delete, update, query Resource types supported are those supported by DRD Databases, programs, transactions, routing codes Primary technique is "fill in the blanks" Choices for each parameter are provided Help available for all fields Panels and navigation similar to TSO SPOC panels 	
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Поте	tion On Den	and Received	IMS Version 10	IKM
Comr	nand	Support for	MSC Definitions Example	
• Exa	mple of	using dummy	definitions	
Sys DUMI DUMI LINI DUMI LINI	tem defir MY1 MSPI MYA MSLI KA1 MSNA MYB MSLI KA2 MSNA	hitions on IMSA JINK TYPE=VTAM INK PARTNER=XI ME SYSID=(10) INK PARTNER=XI ME SYSID=(10)	A and IMSB: ,NAME=DUMY1,SESSION=2,BUFSIZE=4096 A 1,100) B 2,100)	
Con	nmands i	ssued to IMSA		
UPD UPD UPD UPD UPD	MSPLINK MSLINK MSLINK MSNAME MSNAME	NAME (DUMMY1) NAME (DUMMYA) NAME (DUMMYB) NAME (LINKA1) NAME (LINKB1)	<pre>SET(MSPLINK(IMSAB),NODE(IMSB)) SET(MSLINK(IMSAB1),MSPLINK(IMSAB)) SET(MSLINK(IMSAB2),MSPLINK(IMSAB)) SET(SIDR(30),SIDL(20)) SET(SIDR(31),SIDL(21))</pre>	
Con	nmands i	ssued to IMSB	:	
UPD UPD UPD UPD UPD	MSPLINK MSLINK MSLINK MSNAME MSNAME	NAME (DUMMY1) NAME (DUMMYA) NAME (DUMMYB) NAME (LINKA1)	<pre>SET(MSPLINK(IMSAB),NODE(IMSA)) SET(MSLINK(IMSAB1),MSPLINK(IMSAB)) SET(MSLINK(IMSAB2),MSPLINK(IMSAB)) SET(SIDR(20),SIDL(30)) SET(SIDR(21),SIDL(31))</pre>	
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IMS Version 10
QUEUE Command for Messages
Option to queue message to
 Local or shared Transaction or LTERM queues User can provide message data in command All messages must be single segment
QUEUE TRAN LITERM NAME(xxx) OPTION(ENQ) DATA(msg-data)
 Option to dequeue messages from Local or shared Transaction queues or LTERM queues Can dequeue one or all messages for specified destination
QUEUE TRAN LTERM NAME(xxx) OPTION(DEQ1 DEQALL)
 Benefits Enhanced command capability for managing queues Usable by automation programs with interface to OM
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	Information On I	Jemand	Q	IMS	Version 10	Ĩ
Completion Code Text in Response						
 Explanation of non-zero CCs included in output of all Type-2 commands If all CCs are zero, TSO SPOC does not display CCText column 						i
	UPD DB NA	ME (ACCTMSTR	R) ST	OP(ACCESS)		
	DBName	MbrName	CC	CCText		
	ACCTMSTR	IMS1	AA	DB IN USE-BMP		
	ACCTMSTR	IMS2	0			
			N.U		1	
	QRY DB NAME(ACCTHIST, CUSTHST) SHOW(ACCTYPE, LOCAL)					
	DBName	MbrName	CC	CCText	ACCTYPE	
	ACCTHIST	IMS1	0		UP	
	CUSTHST	IMS1	10	NO RESOURCES FOUND		
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Information On Demand	Ĩ
Asynchronous Message Enhancements	
,	
REROUTE and PURGE Support	
 For OTMA hold queue capable clients ONLY 	
 OTMA members, e.g. IMS Connect 	
 That keep asynchronous messages on the IMS message queue until requested by the remote application 	
 Extended support that allows remote applications to 	
Reject (NAK) or request action on asynchronous messages	
Purge from the IMS message queue	
Reroute to an alternate destination	
Also delivered in previous releases:	
 IMS V9 and IMS Connect: PK16934, PK22480, PK24907, PK09543, PK12013 	
 IMS V8 PK21868, PK09542, IMS Connect V2.2: PK12012 	
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Information On Demand	IRM
Parallel RECON Access	
Uses Transactional VSAM	
 System facility that provides locking, logging, caching, and comm concurrent updates to VSAM data sets (RECONs) 	nit for
Exploits Parallel Sysplex	
Prerequisites	
♦ Hardware	
Parallel Sysplex environment	
Requires Coupling Facility	
♦ Software	
 z/OS DFSMS Transactional VSAM (DFSMStvs) 	
 Requires RRS for DFSMStvs (IMS use of RRS is not required) 	
DFSMStvs is an optional feature	
- Software license required	
 Special bids will be considered 	
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Information On Demand	Ĩ
Migration Considerations	
Migration for IMS V8 and V9 is supported	
 RECON upgrades directly from V8 and V9 	
 DB recovery utilities accept V8, V9, and V10 image copies, logs, and change accum data sets 	
 Applications and databases are compatible 	
 Program recompiles and relinks are <u>not</u> required 	
Coexistence support	
 Data sharing, ISC, and MSC are supported with V8 and V9 	
Support removed for	
♦ SMU security	
◆ BTAM	
 DFSCMTR0, DFSNPRT0, DFSCMLR0, DFSCMLR1, and DFSCMPR0 exits 	
Replaced with DFSMSCE0 exit in V7, V8, and V9	
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