HOLDDATA FOR IMS 10.1 RSU Level 1001

** Please read all of the HOLDDATA before acting on any of it. **

************************************************************************

30 PTFs were applied - Please review information below for possible actions you may need to take.

********** HOLDDATA ****************************************************

SMP/E HOLDDATA Report
JES Node:  SVSCJES2       PTF Detail Report         Date:  Feb 10, 2010
System:    S0W1                                     Time:  09:39:01
*****************************************************************

*          The following PTFs have HOLD Reason: ACTION          *
*****************************************************************

PTF        Receive Date        Apply Date     HLD PTF FMID    APAR
------- ------------------ ------------------ ------- ------- -------
UK53623 Feb 09, 2010 10:02 Feb 10, 2010 09:01 UK53623 HMK1010
++ HOLD(UK53623) SYS FMID(HMK1010) REASON(ACTION) DATE(10018)
COMMENT
  (***********************************************************************
  PK99670
  ***********************************************************************
  If OTMA C/I (Callable Interface) is being used, then after applying this maintenance, standalone program DFSYSVI0 must be run to reinitialize OTMA C/I.

  OTMA C/I is separate from IMS, even though the modules reside in the IMS reslib. DFSYSVI0 initializes OTMA C/I by loading DFSYSVC0 into storage and registering it with BPE. Typically, DFSYSVI0 only needs to be run after an IPL. However, whenever DFSYSVC0 is changed via an apar, DFSYSVI0 needs to be run to pick up the changes.

  If OTMA C/I is not being used, then DFSYSVI0 does not need to be run.
  **************************************************************************).  

PTF        Receive Date        Apply Date     HLD PTF FMID    APAR
------- ------------------ ------------------ ------- ------- -------
UK53623 Feb 09, 2010 10:02 Feb 10, 2010 09:01 UK47192 HMK1010
++ HOLD(UK47192) SYS FMID(HMK1010) REASON(ACTION) DATE(10018)
COMMENT
  (***********************************************************************
  PK87013
  ***********************************************************************
  If OTMA C/I (Callable Interface) is being used, then after applying this maintenance, standalone program DFSYSVI0 must be run to reinitialize OTMA C/I.

  If OTMA C/I is not being used, then DFSYSVI0 does not need to be run.
  **************************************************************************).
OTMA C/I is separate from IMS, even though the modules reside in the IMS reslib. DFSYSVI0 initializes OTMA C/I by loading DFSYSVC0 into storage and registering it with BPE. Typically, DFSYSVI0 only needs to be run after an IPL. However, whenever DFSYSVC0 is changed via an apar, DFSYSVI0 needs to be run to pick up the changes.

If OTMA C/I is not being used, then DFSYSVI0 does not need to be run.

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
<th>Apply Date</th>
<th>HLD</th>
<th>PTF</th>
<th>FMID</th>
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</thead>
<tbody>
<tr>
<td>UK53444</td>
<td>Feb 09, 2010 10:02</td>
<td>Feb 10, 2010 09:01</td>
<td></td>
<td>UK53444</td>
<td>HMK1010</td>
<td></td>
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<tr>
<td>++ HOLD(UK53444) SYS FMID(HMK1010) REASON(ACTION) DATE(10008)</td>
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<tr>
<td>COMMENT</td>
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<tr>
<td>PK97721</td>
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</tr>
<tr>
<td>This APAR changes the &quot;content&quot; of an IMS log record.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Log record type (in hex): 47</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macro changed: DFSLOG47</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Old size: x'0DA'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New size: x'0DA'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fields added: CAPSYNC at hex offset x'0D4'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any user modifications or non-IBM vendor software which references this block must be changed and/or re-assembled to include the new size.</td>
<td></td>
<td></td>
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</tbody>
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<table>
<thead>
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<th>Apply Date</th>
<th>HLD</th>
<th>PTF</th>
<th>FMID</th>
<th>APAR</th>
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<td>Feb 10, 2010 09:01</td>
<td></td>
<td>UK30312</td>
<td>HMK1010</td>
<td></td>
</tr>
<tr>
<td>++ HOLD(UK30312) SYS FMID(HMK1010) REASON(ACTION) DATE(07299)</td>
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<td>COMMENT</td>
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<tr>
<td>(+--------------------------------------------------------------+)</td>
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<tr>
<td>Hold for APAR PK50685 +</td>
<td></td>
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<tr>
<td>This APAR has a requirement for special handling +</td>
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<tr>
<td>activity prior to or during installation. Message DFS310A +</td>
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<td>may now issued for DDNAME DFSMFIMS control statements. +</td>
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<tr>
<td>--------------------------------------------------------------+)</td>
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<th>HLD</th>
<th>PTF</th>
<th>FMID</th>
<th>APAR</th>
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<tbody>
<tr>
<td>UK29504</td>
<td>Feb 10, 2010 08:49</td>
<td>Feb 10, 2010 09:01</td>
<td></td>
<td>UK29504</td>
<td>HMK1010</td>
<td></td>
</tr>
<tr>
<td>++ HOLD(UK29504) SYS FMID(HMK1010) REASON(ACTION) DATE(07267)</td>
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<tr>
<td>Hold for APAR PK50368 +</td>
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<tr>
<td>This maintenance is changing the sample +</td>
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<td></td>
</tr>
</tbody>
</table>
+ user exit HWSYDRU0 provided by IMS. Depending +
+ on how your target zone is configured, +
+ it may overlay your customized version +
+ in the target library. Users that have +
+ their own HWSYDRU0 exit should take the +
+ appropriate actions to ensure that this +
+ maintenance will not affect their exit. +
+-------------------------------------------------+).

SMP/E HOLDDATA Report
JES Node:  SVSCJES2       PTF Detail Report         Date:  Feb 10, 2010
System:    S0W1                                     Time:  09:39:01

*****************************************************************
*           The following PTFs have HOLD Reason: DEP            *
*****************************************************************

<table>
<thead>
<tr>
<th>PTF</th>
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<th>Apply Date</th>
<th>HLD PTF FMID</th>
<th>APAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK53639</td>
<td>Feb 09, 2010</td>
<td>10:02</td>
<td>Dec 01</td>
<td>HMK1010</td>
</tr>
</tbody>
</table>
++ HOLD(UK53639) SYS FMID(HMK1010) REASON(DEP) DATE(10033)

COMMENT
PK95217

This apar enables the Distributed UOW Option setting for an IMS DRA thread.
CICS and IMS Fastpath exploit this option to resolve an issue with CICS DPL and IMS Fastpath syncpoint.

CICS users that require this support must install
PK86407 / UK50605 -- CICS TS z/OS V3
PK93457 / UK50551 -- CICS TS z/OS V4).

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
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<th>HLD PTF FMID</th>
<th>APAR</th>
</tr>
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<tr>
<td>UK30694</td>
<td>Feb 10, 2010</td>
<td>08:49</td>
<td>Dec 01</td>
<td>HMK1010</td>
</tr>
</tbody>
</table>
++ HOLD(UK30694) SYS FMID(HMK1010) REASON(DEP) DATE(07299)

COMMENT
PK95217

This apar enables the Distributed UOW Option setting for an IMS DRA thread.
CICS and IMS Fastpath exploit this option to resolve an issue with CICS DPL and IMS Fastpath syncpoint.

CICS users that require this support must install
PK86407 / UK50605 -- CICS TS z/OS V3
PK93457 / UK50551 -- CICS TS z/OS V4).

SMP/E HOLDDATA Report
JES Node:  SVSCJES2       PTF Detail Report         Date:  Feb 10, 2010
System:    S0W1                                     Time:  09:39:01

*****************************************************************
*           The following PTFs have HOLD Reason: DOC            *
*****************************************************************

* The following PTFs have HOLD Reason: DOC *
++ HOLD(UK54092) SYS FMID(HMK1010) REASON(DOC) DATE(10033)
COMMENT

(DOCUMENTATION CHANGE FOR APAR PK94328
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
SC18996801

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

SC18996801 - IMS V10 System Utilities Reference
2.6 - Statistical Analysis utility (DFSISTS0)

At section 2.6 Statistical Analysis utility (DFSISTS0), please insert the following text after 'Log Record 36'

'48 - This is a variable-length padding log record.'

And, insert the following text after 'Log Type 36'

'Log Type 48

This type 48 record is a variable-length padding log record. It contains the time zone offset from GMT time.').

++ HOLD(UK53639) SYS FMID(HMK1010) REASON(DOC) DATE(10033)
COMMENT

(Publication change: SC18-9967
Book Name: System Programming API Reference
Topic: The Database Resource Adapter (DRA)
Subtopic: Thread Function Requests

PREP request

This is a phase 1 sync-point request that asks IMS DB if it is ready to commit this UOR.

You must fill in the following input fields of the PAPL:

Field     Contents
***Add the following information***

PAPLSDPL Set this bit on to indicate to IMS that this thread is part of a distributed unit of work.

---

PTF Receive Date Apply Date HLD PTF FMID APAR
------- ------------------ ------------------ ------- ------- -------
UK53639 Feb 09, 2010 10:02 Feb 10, 2010 09:01 UK44411 HMK1010

++ HOLD(UK44411) SYS FMID(HMK1010) REASON(DOC) DATE(10033)

COMMENT

(DOCUMENTATION CHANGE FOR APAR PK78232
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC18971201
GC18971401
-

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
-

The following IMS V10 manuals need to be updated:

GC18-9712-01 Messages and Codes, Vol 1: DFS Messages
GC18-9714-01 Messages and Codes, Vol 3: IMS Abend Codes

GC18-9714-01 Messages and Codes, Vol 3: IMS Abend Codes
IMS User Abend Codes

1040

Explanation: an IMS Fast Path related control block could not be obtained by using DFSBCB macro.

System Action: For SYNC POINT LOG processing, PSEUDO ABEND code 1040 will be stored in PSTABTRM and error message DFS3022W is issued, processing continues.
In other cases, the IMS control region terminates.

Programmer Response: Determine the cause of failure as indicated by error messages and dump analysis. If the abend occurred because of insufficient storage, increase CSA storage allocations and emergency restart IMS to resume processing.

New error message of DFS3022W

GC18-9712-01 Messages and Codes, Vol 1: DFS Messages

DFS3022W SYNCPOINT PHASE 1 FAILED DUE TO FAILURE IN OBTAINING SPACE FOR 5612 LOG RECORD.

Explanation: Program DBFSYN10 receives RC=16 from DBFSLOG0 which could not obtain control block for 5612 log record by using DFSBCB macro.

System Action: Processing continue.
Programmer response: increase CSA storage allocation.

++ HOLD(UK47192) SYS FMID(HMK1010) REASON(DOC) DATE(10018)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK87013
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC18971501

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

Messages and Codes Reference, Volume 4: IMS Component Code

Chapter 14. OTMA Codes

Codes Used by OTMA C/I

Table 112. OTMA C/I Return Codes and Reason Codes by Function

Add the following table entry for SEND ASYNC

Return Code = 08
Reason 1 = 76
Reason 2 = 0
Reason 3 = 0
Reason 4 = 10
Description: Duplicate send call has been issued. Send already
in progress.

++ HOLD(UK31961) SYS FMID(HMK1010) REASON(DOC) DATE(07339)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK55346
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
SC18996700

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

The following publication updates are made by this APAR:

IMS Version 10: System Programming API Reference,
SC18-9967

In the CSL SCI Requests section of the 'Writing a CSL SCI
Client' chapter, make the following modification:
Change the description of the JOBSTEP value of the TCB parameter for the CSLSCECREG request to the following (the second sentence is added):

JOBSTEP
Associate the SCI connection with the address space jobstep TCB (the TCB pointed to by ASCBXTCB). This is also known as the cross memory resource owning TCB.

PTF Receive Date Apply Date HLD PTF FMID APAR
-------- ------------------ ------------------ ------- ------- -------
UK30694 Feb 10, 2010 08:49 Feb 10, 2010 09:01 UK30312 HMK1010

++ HOLD(UK30312) SYS FMID(HMK1010) REASON(DOC) DATE(07299)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK50685
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

IMS V10 Database Utilities Reference: Document Number SC18-9705-00 will be updated as follows:

At section 3.2.8.2 DD Statements, add the DFSMFIMS DD card:

DFSMFIMS DD

Defines the input control statement data set. The data set can reside on a tape, direct-access volume, or be routed through the input stream {DD * or DD DATA}. Use this DD statement when you need to associate the time spent executing DSS on behalf of an IMS IC2 jobname or account identifier. The DFSMFIMS DD is optional.

DFSMFIMS DD includes the utility control statement starting in column one:
TYPE30=jobname|'alphanumeric'

1. Jobname is a keyword followed by a blank. Comments allowed after the blank.

2. 'Alphanumeric' is a 1-8 byte alphanumeric string enclosed in single quotes. The first character is alphabetic A-Z. The ending quote is followed by a blank. Comments allowed after the blank.

3. Within the single quotes no leading, embedded, or trailing blanks are allowed. The jobname or alphanumeric string appears in the SMF Type 30 accounting record.

DFSMFIMS DD passes the jobname|alphanumeric to DFSMFDS as the server name. Parameters input in lowercase are translated to uppercase. The jobname or alphanumeric string appears in the SMF accounting Type 30 record produced by DFSMSDSS. For detailed information about these records, refer to z/OS V1R6.0 MVS System Management Facilities (SMF) Document Number: SA22-7630-12.
Note:
APAR OA20831 from DFSMSdss is required for this feature to work. There is no impact to accounting records that affect usage metrics for ULC pricing.

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
<th>Apply Date</th>
<th>HLD PTF FMID</th>
<th>APAR</th>
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<tbody>
<tr>
<td>UK29747</td>
<td>Feb 10, 2010 08:49</td>
<td>Feb 10, 2010 09:01</td>
<td>UK29747 HMK1010</td>
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++ HOLD(UK29747) SYS FMID(HMK1010) REASON(DOC) DATE(07271)

COMMENT

(DOCUMENTATION CHANGE FOR APAR PK50328
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S): ZES1291500

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

In the section 'Option 4: IMS Knowledge-Based Analysis' within the section: 'Using KBLA to Run a Job Against IMS Log Records' within the chapter 'ISPF Interface for KBLA', a bullet should be added for:

4.9 PSB Database Update Analysis

This selection produces a statistical summary of database updates performed by PSB. Database update log records (x'50' and x'59) are counted and summed for each PSB occurrence which has issued such calls. For Full Function databases, counts are additionally broken down by call types: ISRT, DLET, REPL, ROLX. No comparable counts can be made for Fast Path databases.

The records extracted for processing can be optionally filtered by database name or PSB name, or all database update records can be processed.

The output data can be sorted by database name, PSB name or by the number of analyzed records.

The 16 character recovery token is used to determine the affinity of the records. The records can be grouped by the first 12 characters of the recovery token, which will result in a PSB being represented in the output by a single record, or by the full 16 characters, which will result in each checkpoint being individually represented in the output.

The log records can be further filtered by specified time ranges, or the number of records to skip prior to processing and the number of records to process can be specified.

Processing consists of the following steps:

- Optional extraction of database update records from the
log by specific time ranges or skip/process values

- Optional extraction of database update records by specified PSB name(s) or database name(s)

- Sorting and grouping of database update records by the following criteria:
  - PSB name
  - Recovery Token
  - PST number
  - Database name

- Counting of the database records by recovery token affinity

- Optional sorting of the output by specified criteria

- Optional creation of a data set containing the sorted filtered log records

- END of DOC change

KBLA Option 4.9 has been added to analyze PSB usage by database.

The process to perform this analysis is the following:

1. Concatenating the logs in chronological order
   Existing KBLA Options 5.2 and 5.3 are used to do this

2. KBLA Option 4.9 is used do perform the following:
   a. Extract the database update log records for the subject database(s)
   b. Sort the records and group them by PSB/Recovery Token/PST/Database name
   c. Run utility DFSKPSB0 to sum the updates for the subject database(s)
   d. Sort by the output from DFSKPSB0 to create the usage report. In this case, the data was sorted in descending order by the 'count' column to get a list where the occurrences of PSBs with the most updates to the subject database appear first.

End of Doc Change
KBLA Option 4.9 has been added to analyze PSB usage by database.

The process to perform this analysis is the following:

1. Concatenating the logs in chronological order
   Existing KBLA Options 5.2 and 5.3 are used to do this

2. KBLA Option 4.9 is used do perform the following:
   a. Extract the database update log records for the subject database(s)
   b. Sort the records and group them by PSB/Recovery Token/PST/Database name
   c. Run utility DFSKPSB0 to sum the updates for the subject database(s)
   d. Sort by the output from DFSKPSB0 to create the usage report. In this case, the data was sorted in descending order by the 'count' column to get a list where the occurrences of PSBs with the most updates to the subject database appear first.
Program DFSKSPT0 was changed to pull records related to database update (x'50', x'59' and the BMP checkpoint record x'37') and to append a sort handle of PSB/Recovery Token/PST/database name/time stamp. A control statement was added to indicate that DFSKSPT0 is to perform the processing described above.

Program DFSKSPT0 was changed to include a summary report to count the number of records which have been processed by DFSKSPT0.

Copy member DFSKSPT0 was changed to store a bit switch indicating that the control statement has been passed.

Program DSKPSB0 was created to summarize the modified and sorted log records produced by DFSKSPT0.

Program DFSKRT1 was changed to append report heading information to the report generated from the dataset containing the sorted output from DSKPSB0.

Panel DFSKBPM4 and associated Rexx part DSKRPM4 were changed to make Option 4.9 accessible. Help Panel DSK4004 was changed to introduce Option 4.9.

Rexx part DSKRPSB was created to drive the processing for Option 4.9.

Panel DSKPSB was created to accept input for Option 4.9 processing. Help panels DSK4900, DSK4901, DSK4902, DSK6018, DSK6019, DSK6020, DSK6021 and DSK6022 were created to assist panel users with invoking Option 4.9.

ISPF Skeletons DSKSRNG, DSKFFSB and DSKSPSB are used to generate the JCL created by Option 4.9.

Part HMK1010J was changed to perform the link edit of part DSKPSB0.

---

PTF Receive Date Apply Date HLD PTF FMID APAR
------- ------------------ ------------------ ------- ------- -------
UK31599 Feb 10, 2010 08:49 Feb 10, 2010 09:01 UK31599 HMK1010
++ HOLD(UK31599) SYS FMID(HMK1010) REASON(DOC) DATE(07330)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PK44796
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
GC18999800
-
THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
-
**************************************************************
* Changes under title                                       *
* "Setting up the IMS abend search and notification function" *
**************************************************************
The following is the new text that describes the skeleton data set.
- A skeleton data set that contains the following members:
  - DFSSPRCI, which specifies the name of the IMS abend search and notification procedure
  - DFSSPCLI, which specifies a JCLLIB statement that points to where the procedure resides
  - DFSIAFRM, which contains keywords and their corresponding values to be parsed into the e-mail and text message body

The DCB for the skeleton data set is RECFM=FB,LRECL=80.

The skeleton data set must be concatenated to the ISPSLIB. Some system environment configurations might prevent the concatenation. In that case, name the skeleton data set hlq.IASNSLIB, where hlq is the high-level qualifier used to install IMS. After it is named, the data set is automatically concatenated to ISPSLIB for all users of the IMS abend search and notification panel.

Therefore, the installer of IMS abend search and notification must have RACF ALTER authorization for the hlq that is used to install IMS. ALTER allows the installer to read, write, create, or delete the data set.

The following changes is applied for "an example of the IMS abend search and notification system setup panel"

"External Writer ID for Local SMTP" 8-character field is added between "Specify additional SMS rcpts?" and "FROM e-mail"

Under "Provide the name of the skeleton data set to the users of the IMS abend search and notification on demand interface by one of the following methods", an additional method is provided:

- Name the skeleton data set in the format hlq.IASNSLIB, where hlq is the high-level qualifier that is used to install IMS. After it is named, the data set is automatically concatenated to ISPSLIB for all users of the IMS abend search and notification panel. If you perform setup a second time and use a data set name other than hlq.ISANSLIB for the skeleton data set, and hlq.IASNSLIB still exists, ISPF looks for the skeleton library members in hlq.IASNSLIB before looking in the other data set.

* Changes under title "DFSIASN0 procedure" *

Under"The JCL and SMTP control statements to invoke IMS abend and search and notification follow."

```
//******************************************
//* DFSIASN0
//* NOTE: THIS MEMBER MUST BE COPIED TO
//* A CONCATENATED Z/OS PROCEDURE LIBRARY
//* FOR THE EVENT-DRIVEN ACTIVATION
```
//******************************************
//DFSIASNO   PROC PARM1=, PARM2=
//*
//******************************************
//* REMOVE THE EMAIL DATA SET IF IT EXISTS
//******************************************
//IASN1  EXEC PGM=IEFBR14
//LSTEMAIL DD DSN=USERID.IASN.SDFSSWAN.LSTEMAIL,
//          DCB=(LRECL=255, BLKSIZE=2550, RECFM=FB),
//          DISP=(MOD, DELETE),
//          UNIT=SYSDA,
//          SPACE=(TRK,(1,1))
//*
//******************************************
//* REMOVE THE SMS DATA SET IF IT EXISTS
//******************************************
//IASN1B EXEC PGM=IEFBR14
//LSTSMS   DD DSN=USERID.IASN.SDFSSWAN.LSTSMS,
//          DCB=(LRECL=255, BLKSIZE=2550, RECFM=FB),
//          DISP=(MOD, DELETE),
//          UNIT=SYSDA,
//          SPACE=(TRK,(1,1))
//*
//*********************************************
//* WRITE THE FORMATTED EMAIL OUT TO EMAIL DATA SET
//*********************************************
//IASN2 EXEC PGM=DFSIASNP, PARM='&PARM1,&PARM2'
//STEPLIB DD DISP=SHR, DSN=STLSERV.QPPTEST.IMS.SDFSRESL
//SYSUT1  DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIAEML)
//URLS    DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIURL)
//CONTROL DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIACST)
//INPARMS DD DISP=SHR,
//       DSN=SKELETON.DS(DFSIAPRM)
//SYSPRINT DD SYSOUT=* 
//SYSUT2  DD DSN=*.IASN1.LSTEMAIL,
//       DISP=(NEW, CATLG),
//       DCB=(LRECL=255, BLKSIZE=2550, RECFM=FB),
//       UNIT=SYSDA,
//       SPACE=(TRK,(1,1))
//*
//*********************************************
//* WRITE THE FORMATTED SMS OUT TO SMS DATA SET
//*********************************************
//IASN2B EXEC PGM=DFSIASNP, PARM='&PARM1,&PARM2'
//STEPLIB DD DISP=SHR, DSN=STLSERV.QPPTEST.IMS.SDFSRESL
//SYSUT1  DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIASMS)
//URLS    DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIURL)
//CONTROL DD DISP=SHR,
//       DSN=RUNTIME.DS(DFSIACST)
//INPARMS DD DISP=SHR,
//       DSN=SKELETON.DS(DFSIAPRM)
//SYSPRINT DD SYSOUT=* 
//SYSUT2  DD DSN=*.IASN1B.LSTSMS,
//       DISP=(NEW, CATLG),
DFC=(LRECL=255,BLKSZ=2550,RECFM=FB),
UNIT=SYSDA,
SPACE=(TRK,(1,1))

/*
** SENDS FORMATTED EMAIL OUT THROUGH THE Z/OS SMTP
*******************************************************************************/
IASN3 EXEC PGM=IEBGENER
SYSTUT DD DISP=SHR,DSN=*.IASN1.LSTEMAIL
SYSTUT DD SYSOUT=(B,SMTP),
DCB=(LRECL=255,BLKSZ=2550,RECFM=FB)
SYSPRINT DD SYSOUT=* 
SYSTIN DD DUMMY

/*
** SENDS FORMATTED SMS OUT THROUGH THE Z/OS SMTP
*******************************************************************************/
IASN3B EXEC PGM=IEBGENER
SYSTUT DD DISP=SHR,DSN=*.IASN1B.LSTSMS
SYSTUT DD SYSOUT=(B,SMTP),
DCB=(LRECL=255,BLKSZ=2550,RECFM=FB)
SYSPRINT DD SYSOUT=* 
SYSTIN DD DUMMY

/*
** Steps IASN3 and IASN3B if external SMTP server is specified on "System Setup" panel:
** SENDS FORMATTED EMAIL OUT THROUGH EXTERNAL SMTP
*******************************************************************************/
IASN3 EXEC PGM=IRXJCL,PARM='DFSRASNT SMTPHST.COMPANY.COM 25'
SYSEXEC DD DISP=SHR,DSN=STLSERV.QPPTEST.IMS.SDFSEXEC
SYSTSTDE DD DUMMY
SYSTSPRT DD SYSOUT=*,DCB=LRECL=256
SYSTIN DD DUMMY
/TELOUT DD SYSOUT=*,DCB=LRECL=256
/TELIN DD DISP=SHR,DSN=*.IASN1.LSTEMAIL

/*
** SENDS FORMATTED SMS OUT THROUGH EXTERNAL SMTP
*******************************************************************************/
IASN3B EXEC PGM=IRXJCL,PARM='DFSRASNT SMTPHST.COMPANY.COM 25'
SYSEXEC DD DISP=SHR,DSN=STLSERV.QPPTEST.IMS.SDFSEXEC
SYSTSTDE DD DUMMY
SYSTSPRT DD SYSOUT=*,DCB=LRECL=256
SYSTIN DD DUMMY
/TELOUT DD SYSOUT=*,DCB=LRECL=256
/TELIN DD DISP=SHR,DSN=*.IASN1B.LSTSMS

Under "DD Statements" inside Table 2:

"INPARMS DD" is added to the list of DD statements for the DFSIASNO procedure.

INPARMS is a DD statement used by the abend search and notification parser program, DFSIASNP. It points to a data set member created by the setup panel that contains keywords and
their corresponding values. The keywords are used in e-mail and text messages, where the parser substitutes corresponding values in place of the keywords inside the e-mail and text messages.

SMP/E HOLDDATA Report
JES Node: SVSCJES2 PTF Detail Report Date: Feb 10, 2010
System: S0W1 Time: 09:39:01

*****************************************************************
*           The following PTFs have HOLD Reason: ENH            *
*****************************************************************

PTF Receive Date Apply Date HLD PTF FMID APAR
------- ------------------ ------- ------- -------
UK53639 Feb 09, 2010 10:02 Feb 10, 2010 09:01 UK53639 HMK1010
++ HOLD(UK53639) SYS FMID(HMK1010) REASON(ENH) DATE(10033)
COMMENT
(*---------------------------------------------------------------------
 PK95217
---------------------------------------------------------------------
This apar adds a new option to the following:
Database Resource Adapter (DRA)
Thread Function
PREP request

  ** Add new optional flag **
PAPLSDPL Set this bit on to indicate to IMS that this thread is part of a distributed unit of work.

  See APAR closing text or PTF cover letter for complete details.
---------------------------------------------------------------------)

PK95217 02/10/2010 09:14

PTF Receive Date Apply Date HLD PTF FMID APAR
------- ------------------ ------- ------- -------
UK30694 Feb 10, 2010 08:49 Feb 10, 2010 09:01 UK30312 HMK1010
++ HOLD(UK30312) SYS FMID(HMK1010) REASON(ENH) DATE(07299)
COMMENT
(*---------------------------------------------------------------------
 APAR PK50685 adds new IMS function.

  Function name: Enhance DFSUDMT0 to pass ADRXMAIA Type 30 record information for user accounting purposes.

  See APAR closing text or PTF cover letter for complete details.
---------------------------------------------------------------------)

PK50685 02/10/2010 09:20

SMP/E HOLDDATA Report
JES Node: SVSCJES2 PTF Detail Report Date: Feb 10, 2010
System: S0W1 Time: 09:39:01
The following PTFs have HOLD Reason: EXRF

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
<th>Apply Date</th>
<th>HLD PTF FMID</th>
<th>APAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK53444</td>
<td>Feb 09, 2010 10:02</td>
<td>Feb 10, 2010 09:01</td>
<td>UK53444</td>
<td>HMK1010</td>
</tr>
</tbody>
</table>

++ HOLD(UK53444) SYS FMID(HMK1010) REASON(EXRF) DATE(10008)

COMMENT

PK97721

WARNING: IF THIS IS AN 'XRF' ENVIRONMENT, THIS MAINTENANCE MUST BE APPLIED TO ALL SYSTEMS IN THIS ENVIRONMENT AT THE SAME TIME.

The following PTFs have HOLD Reason: MULTSYS

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
<th>Apply Date</th>
<th>HLD PTF FMID</th>
<th>APAR</th>
</tr>
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<tbody>
<tr>
<td>UK53444</td>
<td>Feb 09, 2010 10:02</td>
<td>Feb 10, 2010 09:01</td>
<td>UK53444</td>
<td>HMK1010</td>
</tr>
</tbody>
</table>

++ HOLD(UK53444) SYS FMID(HMK1010) REASON(MULTSYS) DATE(10008)

COMMENT

PK97721

WARNING: IF THIS IS AN IMS 'FDBR' OR 'RSR' ENVIRONMENT, THIS MAINTENANCE MUST BE APPLIED TO ALL IMS SYSTEMS IN THIS ENVIRONMENT AT THE SAME TIME.

The following PTFs have HOLD Reason: RESTART

<table>
<thead>
<tr>
<th>PTF</th>
<th>Receive Date</th>
<th>Apply Date</th>
<th>HLD PTF FMID</th>
<th>APAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK53444</td>
<td>Feb 09, 2010 10:02</td>
<td>Feb 10, 2010 09:01</td>
<td>UK53444</td>
<td>HMK1010</td>
</tr>
</tbody>
</table>

++ HOLD(UK53444) SYS FMID(HMK1010) REASON(RESTART) DATE(10008)
This service affects the way TYPE47 log records for IMS dependent region activity are created during IMS online system checkpoint processing and the way they are processed during IMS emergency restart.

For these reasons, this service requires one of the following IMS restart types after it has been installed:

1. a WARM start of the IMS system following a normal shutdown of the IMS system.

   or

2. a COLD START (/NRE CHKPT 0) or (/ERE COLDSYS) type restart of the IMS system.

To alleviate any potential data or message integrity risk, except for the case of an ERE COLDSYS type emergency restart mentioned above, it is imperative that all other forms of an IMS emergency restart NOT BE ISSUED after this service has been installed.

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