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

Please pay close attention to the holddata for the following PTFs with action items:

UQ92553
UQ92553
UQ92859
UQ93482
UQ93519

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

UQ92472   TYPE            = PTF
STATUS          = REC
DATE/TIME REC   = 04.299 13:32:56
SOURCEID        = PUT0409
SREL   VER(001) = P115
FMID   VER(001) = JMK7705
PRE    VER(001) = UQ69611
REQ    VER(001) = UQ71766 UQ76089 UQ79843
SUPING VER(001) = DQ67155 DQ71725 DQ72353 GQ71725 UQ71767 UQ76090 UQ77866 UQ79844
XQ67155 XQ71725 XQ72353 XQ74425 XQ92155
MOD             = DFSLROPR DFSLRORM

HOLDSYSTEM(INT) = DOC ++ HOLD(UQ71767) SYS FMID(JMK7705) REASON(DOC) DATE(04245)

COMMENT

(DOCUMENTATION CHANGE FOR APAR PQ67155
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
LY37372800
GC27112002

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:

In the IMS Version 7 Diagnosis Guide and Reference manual (LY37-3728-00), in Chapter 15. Remote Site Recovery Service Aids under Trace Entry: Log Router Online Forward Recovery (375X) add the following:

Table xxx. Trace Record 3758 - Start Points List Error detected
Module: DFSLROPR - Log Router Online Forward Recovery Processor
Explanation: During OFR, the record ID (first LSN in buffer) of the next buffer to process is after the start LSN in the startpoints list (ofrsp_start_lsn) and the process has not yet reached this start LSN. (level - low)
Trace Subcode: iropr_startpoint_missed

<table>
<thead>
<tr>
<th>Offset</th>
<th>Type</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Fixed</td>
<td>4</td>
<td>pos_ptoken</td>
</tr>
<tr>
<td>8</td>
<td>Character</td>
<td>8</td>
<td>pos_LSN</td>
</tr>
<tr>
<td>16</td>
<td>Fixed</td>
<td>4</td>
<td>index to OFRL_entity</td>
</tr>
<tr>
<td>20</td>
<td>Character</td>
<td>4</td>
<td>ofrsp_start_lsn(5:8)</td>
</tr>
<tr>
<td>24</td>
<td>Character</td>
<td>4</td>
<td>lrб_record_ID(5:8)</td>
</tr>
</tbody>
</table>

Table xxx. Trace Record 3759 - DBRC Startpoint Processing Error
Module: DFSLRORM - Online Forward Recovery Read Next Data Set
Explanation: During OFR, DBRC returned a startpoint for a stream that was after the previous startpoint and the process had yet to route up to the previous startpoint. (level - low)
Trace Subcode: lrorm_DBRC_startpoint_processing_error

<table>
<thead>
<tr>
<th>Offset</th>
<th>Type</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Character</td>
<td>8</td>
<td>DB/Area name</td>
</tr>
<tr>
<td>12</td>
<td>Character</td>
<td>8</td>
<td>OFRSP_SSID</td>
</tr>
<tr>
<td>20</td>
<td>Fixed</td>
<td>2</td>
<td>index to OFRL_entity</td>
</tr>
<tr>
<td>22</td>
<td>Fixed</td>
<td>2</td>
<td>index to OFRSP_stream</td>
</tr>
<tr>
<td>24</td>
<td>Fixed</td>
<td>4</td>
<td>ofb_flags</td>
</tr>
</tbody>
</table>

In the IMS V7 Messages and Codes Vol. 2 (GC27-1120-02), add the following message:

DFS2959I Terminating OFR due to startpoint processing error

Explanation: The Remote Site Recovery Online Forward Recovery (OFR) process has detected an inconsistency with a stream's startpoint list such that the information in the current list does not agree with the position that the process has reached so far. If the process was allowed to continue the data base(s) would be corrupted.

System action: The OFR Startpoint list is logged, either a 3757, 3758, or 3759 trace record is created, and the OFR process is terminated.

Operator Response: Collect the tracking subsystem's RECON listing and log data and call IBM Support to report the problem. In most cases starting the databases again to restart the OFR will result in successful OFR completion.

Module: DFSLRORM, DFSLROPR)

UQ92553  TYPE     = PTF
        STATUS  = REC
        DATE/TIME REC = 04.299  13:32:56
        SOURCEID = PUT0409
        SREL    VER(001) = P115
        FMID    VER(001) = HMK7700
        PRE     VER(001) = UQ35970 UQ35972 UQ40353 UQ41492 UQ42419 UQ47676 UQ48825 UQ52219
        SUPING VER(001) = DQ70096 DQ93253 UQ74580
        MACUPD = DFSFRB
        MOD     = DBFINI20 DBFPVTS0 DFSFDR60 DFSZINT0
        SRCUPD = DBFINI20 DBFPVTS0

HOLDSYSTEM(INT) = DOC  ++ HOLD(UQ74580) SYS FMID(HMK7700) REASON(DOC) DATE(04246)

COMMENT
  (DOCUMENTATION CHANGE FOR APAR PQ70096
  THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):

GC26-9430-02 : Installation Volume 2:
        System Definition and Tailoring

THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
7.2.4.1 Specifying the FDBR Options:

Add optional parameter SVSOOPEN=SERIAL to the ACTIVEIMSID control statement diagram.

SVSOOPEN=SERIAL
Specifies that all areas requiring redo processing in an FDBR system will be serially processed. This option is ignored for /ERE and XRF TKO processing. It is used to reduce the number of structures being allocated by FDBR for redo processing.

HOLDSYSTEM(INT) = DOC       ++ HOLD(UQ92553) SYS FMID(HMK7700) REASON(DOC) DATE(04246)
COMMENT
(DOCUMENTATION CHANGE FOR APAR PQ93253
THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
- THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
- IMS V7 Installation Volume 2: System Definition and Tailoring (GC27-1120-05)

Member DFSFDRxx doc change:

Specifying the FDBR options:

Add optional parameter FPBUFF=LOCAL to the ACTIVEIMSID control statement diagram.

FPBUFF=LOCAL
Specifies that the control blocks for Fastpath DEDB processing are to be obtained from the FDBR private region instead of from ECSA. This includes the DEDB common buffer pool as well as the SVSO buffer pools.

An example of the output of the FDBR status with the following specified in the DFSFDRxx member:

ACTIVEIMSID=SYS3,
GROUPNAME=FDRSYS3,
AREA01=NORECOV,
FPBUFF=LOCAL,
TIMEOUT=60,
SVSOOPEN=SERIAL

F FDR1,STATUS

DFS000I PHASE: TRACKING  LOG-TIME: 09:32:23  FDR1
DFS000I ACT-ID:  SYS3   GROUPNAME: FDRSYS3  FDR1
DFS000I TIMEOUT: 060 SEC  AREA01:  NORECOV  FDR1
DFS000I SVSOOPEN: SERIAL  FPBUFF:  LOCAL  FDR1.

HOLDSYSTEM(INT) = ENH       ++ HOLD(UQ74580) SYS FMID(HMK7700) REASON(ENH) DATE(04246)
COMMENT
*********************************************************
APAR PQ70096 ADDS NEW IMS FUNCTION.
- FUNCTION NAME: FDBR SERIALIZED PROCESSING FOR SHARED VSO AREAS.
- SEE APAR CLOSING TEXT OR PTF COVER LETTER FOR COMPLETE DETAILS.
*********************************************************.

HOLDSYSTEM(INT) = ENH       ++ HOLD(UQ92553) SYS FMID(HMK7700) REASON(ENH) DATE(04246)
COMMENT
*********************************************************
APAR PQ93253 adds new IMS function.
- Function name: ENHANCEMENT TO THE FDBR INITIALIZATION
PROCESSING TO OBTAIN THE DEDB BUFFER POOLS IN THE IMS PRIVATE REGION RATHER THAN ECSA.

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

*********************************************************
UQ92851  TYPE            = PTF
STATUS          = REC
DATE/TIME REC   = 04.299 13:33:01
SOURCEID        = PUT0409
SREL   VER(001) = P115
FMID   VER(001) = HMK7700
PRE   VER(001) = UQ36071 UQ36072 UQ38702 UQ40581 UQ42075 UQ47717 UQ47722 UQ58257
UQ61540
     UQ61560 UQ68252 UQ70130 UQ81642 UQ87233
SUPING VER(001) = DQ56574 DQ81358 UQ85241
MACUPD          = DFSRPST
MOD             = DFSRBLB0 DFSRDBP0
SRCUPD          = DFSRBLB0 DFSRDBP0

HOLDSYSTEM(INT) = DOC ++ HOLD(UQ92851) SYS FMID(HMK7700) REASON(DOC) DATE(04272)
COMMENT
  (DOCUMENTATION CHANGE FOR APAR PQ56574
  THIS MAINTENANCE IS BEING HELD SO YOU WILL BE AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
  LY37373904
  
  THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
  
  This service adds a new return code to the ABENDU0593 issued from module DFSRBLB0. Hence, the IMS Failure Analysis Structure Tables (FAST) manual will be changed to add the following new return code under the Analysis section for the ABENDU0593 condition issued by module DFSRBLB0:

  ************************************************************
  Code Meaning
  X'06'
  Transaction not found and no Type 07 log record exists
  ************************************************************)

UQ92859  TYPE            = PTF
STATUS          = REC
DATE/TIME REC   = 04.299 13:33:01
SOURCEID        = PUT0409
SREL   VER(001) = P115
FMID   VER(001) = HMK7700
PRE   VER(001) = UQ72455
SUPING VER(001) = DQ56574 DQ81358 UQ85241
MACUPD          = DFSMDA

HOLDSYSTEM(INT) = ACTION ++ HOLD(UQ92859) SYS FMID(HMK7700) REASON(ACTION) DATE(04262)
COMMENT
  (+--------------------------------------------------------------+
<table>
<thead>
<tr>
<th>Hold for APAR PQ92504</th>
</tr>
</thead>
</table>
  
Users who have created a TYPE=SLDS,DDNAME=IMSLOGR dynamic allocation member along with a DASD Monitor dynamic allocation member (TYPE=DFSDCMON,DDNAME=IMSMON,UNIT=DASD), in the same assembly of DFSMDA macros, need to rebuild the IMSLOGR dynamic allocation member after installation of this maintenance.).

HOLDSYSTEM(INT) = DOC ++ HOLD(UQ83624) SYS FMID(HMK7700) REASON(DOC) DATE(04262)
COMMENT
In the Utilities Reference: System manual in Chapter 4, Dynamic Allocation Macro (DFSMDA) under the Macro Statements section for TYPE=DFSDCMON statement, add the following parameter description:

DISP=
  Specifies the disposition for the Monitor data set for a
  UNIT=DASD data set definition. Valid values are OLD and
  SHR with OLD being the default if this parameter is not
  supplied. A warning message is issued if any other value
  is supplied, and a DISP=OLD value will override the value
  specified.).

The following changes need to be made to the IMS Command Reference Manual SC26-9436-03.

The documentation on the /DISPLAY QCNT command should be changed as follows:

/DISPLAY QCNT

/DISPLAY QCNT displays global queue information for the specified resource type. The resource type can be APPC, BALGRP, LTERM, OTMA, REMOTE, or TRANSACTION. This command displays all the queues for the resource type that have at least one message whose message age is greater than the message age value specified.

Following is a description of the resource types allowed:

APPC
  Specifies that global information for all APPC outbound queues is to be displayed.

For messages that are placed on the shared queues using a side information entry name, the side information entry name is returned in the LUNAME field and the
character string DFSSIDE is returned in the TPNAME field.

BALGRP
Specifications that global information for Fast Path PSBs is to be displayed.

LTERM
Specifies that global information for LTERMs and MSNAMEs is to be displayed.

MSGAGE
Specifies the message age in number of days (0-365). Only those queues with messages older than or equal to this value are displayed. The resource name and the time when the message was placed on the shared queues are displayed.

If you specify MSGAGE 0, all resources (queues) are displayed.

OTMA
Specifications that global information for all OTMA outbound queues is to be displayed.

REMOTE
Specifications that global information for remote transactions and remote LTERMs is to be displayed.

TRANSACTION
Specifications that global information for transactions is to be displayed, not including transactions that are suspended.

Recommendation: When you issue this command, IMS reads every message for the resource type. In order to minimize the performance impact, issue this command only when necessary.

This command is valid only in a shared-queues environment.

The output from the /DISPLAY QCNT command contains the following:

QUEUENAME
1-8 byte queue name.

If the output is the result of a /DISPLAY QCNT APPC MSGAGE or a /DISPLAY QCNT OTMA MSGAGE command, the value displayed for the queue name is the character string 'TMSTMP' followed by the IMSID (or the first seven bytes of the RSENAME if XRF capable) of the IMS to which the output messages have affinity.

QCNT-TOTAL
Total count of messages on the queue.

QCNT-AGED
Count of messages with a message age greater than or equal to the message age specified. This count does not include messages whose age is less than the message age specified.

TSTMP-OLD
The time stamp of the oldest message on the queue.
TSTMP-NEW
The time stamp of the newest message on the queue.

UQ93482 TYPE = PTF
STATUS = REC
DATE/TIME REC = 04.299 13:33:15
SOURCEID = PUT0409
SREL VER(001) = P115
FMID VER(001) = HMK7700
PRE VER(001) = UQ70062 UQ76626 UQ86684 UQ86929
SUPING VER(001) = DQ94113
MOD = DFSYQAB0
HOLDSYSTEM(INT) = DEP ++ HOLD(UQ93482) SYS FMID(HMK7700) REASON(DEP) DATE(04274)
COMMENT
(+-------------------------------------------------------------+
   + Hold for APAR PQ94113                                    +
   + This APAR has a software dependency.                      +
   + In order to fix the reported problem, an IMS Connect APAR +
   + must also be installed. However, this APAR can be installed +
   + independently.                                            +
   + +
   + IMS Connect 1.2 APAR PQ94678                               +
   + IMS Connect 2.1 APAR PQ94682                               +
   + IMS Connect 2.2 APAR PQ94683                               +
   + IMS Version 9.0 APAR PQ94684                              +
   +
   + +
   +-------------------------------------------------------------+).

UQ93519 TYPE = PTF
STATUS = REC
DATE/TIME REC = 04.299 13:33:16
SOURCEID = PUT0409
SREL VER(001) = P115
FMID VER(001) = HMK7700
PRE VER(001) = UQ36078 UQ39013 UQ40584 UQ48100 UQ50248 UQ56558 UQ60701 UQ61666
UQ6071
UQ63891 UQ63910 UQ76626 UQ85887 UQ87493
SUPING VER(001) = DQ83151 DQ88698 DQ92839 UQ85664 UQ89287
MACUPD = DFSMRAEQ DFSYDST DFSYDSTC
MOD = DFSYFD0
HOLDSYSTEM(INT) = DEP ++ HOLD(UQ93519) SYS FMID(HMK7700) REASON(DEP) DATE(04275)
COMMENT
(+-------------------------------------------------------------+
   + Hold for APAR PQ92839                                    +
   + This APAR has a software dependency.                      +
   + Users of IMS Connect must install the following apar with +
   + corresponding IMS apar.                                   +
   + However, this APAR can be installed independently.         +
   + +
   + IMS Connect 1.2 APAR PQ94678 IMS V7 APAR PQ94113          +
   + IMS Connect 2.1 APAR PQ94682 IMS V8 APAR PQ94114          +
   + IMS Connect 2.2 APAR PQ94683 IMS V9 APAR PQ92631          +
   + IMS Version 9.0 APAR PQ94684                              +
   +
   + +
   +-------------------------------------------------------------+).

HOLDSYSTEM(INT) = ENH ++ HOLD(UQ93519) SYS FMID(HMK7700) REASON(ENH) DATE(04275)
COMMENT
******************************************************************************
APAR PQ92839 adds new IMS function.
- This APAR is to support a QCF V2R1 enhancement to the
  CHNGDEST control card support, to convert a message
destination to OTMA.

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

********************************************************************).