HOLDDATA FOR IMS 10.1 RSU Level 0905

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

****

 22 PTFs were applied - Please review below for possible actions

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

 SYSMOD   ++HOLD DATA
 ------- --
 UK45982 ++ HOLD(UK45982) SYS FMID(HMK1010) REASON(ACTION) DATE(09113)
          COMMENT
            (**
             PK80037
             ****
               IMS Connect changes the default value for the mixed-case
             password support to base on the specification for mixed case
             password support in the RACF configuration. You may need to
             take appropriate action if you are using any user security
             exit.
             **).

 UK46385 ++ HOLD(UK46385) SYS FMID(HMK1010) REASON(ACTION) DATE(09128)
          COMMENT
            (==
             *   This HOLDCARD is for IMS Fast Path V10 DEDB DBCTL users   *
             *   with CICS Distributed Program Link (DPL) 2 phase   *
             *   transaction only.   *
             ----
             *   This service serves as a preconditioning code.   *
             *   If you are impacted by this problem, please contact   *
             *   IMS support to enable the code.   *
             ==).

 UK46409 ++ HOLD(UK46409) SYS FMID(HMK1010) REASON(ACTION) DATE(09128)
          COMMENT
            (**
             HOLD FOR APAR PK81484
             ****
             If OTMA C/I (Callable Interface) is being used, then after
             applying this maintenance, stand-alone program DFSYSVI0 must *
             be run to re-initialize 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.
             **).

 UK46896 ++ HOLD(UK46896) SYS FMID(HMK1010) REASON(ACTION) DATE(09146)
          COMMENT
            (**

```
          HOLD FOR APAR PK77185
          ****************************************************************
          If OTMA C/I (Callable Interface) is being used, then after
          applying this maintenance, stand*alone program DFSYSVI0 must
          be run to re*initialize 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.
          ****************************************************************).

UK46953  ++ HOLD(UK46266) SYS FMID(HMK1010) REASON(ACTION) DATE(09147)
          COMMENT
          (****************************************************************
          PK74078
          ****************************************************************
          This APAR changes the value of the IMS system PST in the
          SMF79 long lock record.
          -
          Control Block name:  DFSSMF79
          Field value changed: R79FPSTN
          Old IMS system PST value: x'0000'
          New IMS system PST value: c'SY'
          -
          Any user modifications or non-IBM vendor software which
          references this field must be changed to account for the
          the new IMS system PST value.
          ****************************************************************).

UK45982  ++ HOLD(UK45982) SYS FMID(HMK1010) REASON(AO) DATE(09113)
          COMMENT
          (****************************************************************
          PK80037
          ****************************************************************
          The output of both the IMS Connect command VIEWHWS and
          the IMS Connect z/OS command QUERY MEMBER TYPE(IMSCON)
          has been updated to display PSWDMC=R when the RACF option
          is specified.
          -
          Any user exits or non-IBM vendor software which is
          sensitive to this message may need to be changed.
          -
          See APAR closing text or PTF cover letter for
          complete details.
          ****************************************************************).

UK45982  ++ HOLD(UK45982) SYS FMID(HMK1010) REASON(DOC) DATE(09113)
          COMMENT
          (DOCUMENTATION CHANGE FOR APAR PK80037
          THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
          AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
          -
          THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
```

-
  SC18970200
  SC18970300
  GC18996600
  GC18971701

****
IMS V10 Release Planning Guide
****

Chapter 18

  The existing information about IMS Connect support for mixed-
case passwords needs to be updated to include the new default RA
option. The following topics need to be updated:

-Overview of the security enhancements to the integrated IMS
Connect function

Users can enable IMS Connect support for mixed-case passwords.
If you use RACF, IMS Connect determines the need for mixed-case
password support based on the specification for mixed case
password support in the RACF configuration.

-Impact to installing and defining IMS

Use the PSWDMC keyword to specify whether or not IMS Connect
supports mixed-case passwords. Before you enable support for
mixed-case passwords, you must configure your security product
to support mixed-case passwords. If you use RACF, by default
IMS Connect determines the need for mixed-case password support
based on the specification for mixed case password support in
the RACF configuration.

-Impact to IMS reference information

The new IMS Connect command is SETPWMC. Use the SETPWMC command
to specify IMS Connect options for mixed-case password support.
When IMS Connect support for mixed-case passwords is disabled,
IMS Connect converts all lowercase characters in a password to
uppercase characters.

-The IMS Connect commands and their output are changed as follow

VIEWHWS
    The output of the VIEWHWS command has two new output display
fields; OTMA ACEE AGING VALUE and PSWDMC. The OTMA ACEE aging
value determines how frequently OTMA refreshes the security
definitions that are cached in an ACEE for IMS Connect.
PSWDMC= Y | N | R indicates whether mixed-case password support
is currently enabled, disabled, or determined by the RACF
configuration for the instance of IMS Connect that is identified
in the HWS ID field.

UPDATE MEMBER
    THE IMS CONNECT Z/OS UPDATE MEMBER TYPE(IMSCON) SET() COMMAN
includes a new parameter PSWDMC(ON | OFF | RCF), which enables o
disables IMS Connect support for mixed-case passwords or determi
the RACF configuration for the instance of IMS Connect.

QUERY MEMBER
     The output of the IMS Connect z/OS QUERY MEMBER command is
changed to contain a line for the OTMA ACEE aging value.
PSWDMC= Y | N | R indicates whether mixed-case password support
is currently enabled, disabled, or determined by the RACF
configuration for the instance of IMS Connect that is identified
in the HWS ID field.

****
IMS V10 Command Reference, volume 3
****

Chapter 22

SETPWMC command
If the security product that you use, such as RACF, supports
mixed-case passwords, the SETPWMC command enables IMS Connect
support for mixed-case passwords. By default, the dependency
on the mixed-case password specification in RACF is in effect
in IMS Connect.

The SETPWMC command disables IMS Connect support for mixed-
case passwords. When IMS Connect support for mixed-case
passwords is disabled, IMS Connect converts all lowercase
characters in a password to uppercase characters.

Keywords ON | OFF | RCF
   Identifies if IMS Connect support for mixed-case passwords
is turned on, or off, or depending upon the mixed-case password
specified in RACF. If mixed-case password support is turned
off, IMS Connect converts any lowercase characters in passwords
to uppercase characters. If mixed-case password support is
depending upon the mixed-case password specification in RACF
and if the mixed-case password specification in RACF is not
set, IMS Connect converts any lowercase characters in passwords
to uppercase characters.

Example To enable support for mixed-case passwords, type the
following command:
nnSETPWMC ON

Where nn is the 2-digit number of MVS console outstanding reply.

VIEWHWS command
The output of the VIEWHWS command has two new output
display fields; OTMA ACEE AGING VALUE and PSWDMC. The OTMA
ACEE aging value determines how frequently OTMA refreshes the
security definitions that are cached in an ACEE for IMS Connect.
PSWDMC= Y | N | R indicates whether or not mixed-case password
support is currently enabled for the instance of IMS Connect
that is identified in the HWS ID field.

Chapter 23

IMS Connect UPDATE MEMBER command

Syntax
 UPDATE MEMBER TYPE(IMSCON) SET(PSWDMC(ON|OFF|RCF))

PSWDMC ( )
    If you have configured RACF to support mixed-case passwords:
       ON Enables IMS Connect support for mixed-case passwords.

       OFF Disables IMS Connect support for mixed-case passwords.
           IMS Connect converts any lowercase characters in
           passwords to uppercase characters.

       RCF Depending upon the mixed-case password specification in
           RACF and it is off, IMS Connect converts any lowercase
           characters in passwords to uppercase characters.

IMS Connect QUERY MEMBER command

The output of the QUERY MEMBER command has two new output
display fields; OTMA ACEE AGING VALUE and PSWDMC. The OTMA
ACEE aging value determines how frequently OTMA refreshes the
security definitions that are cached in an ACEE for IMS Connect.
PSWDMC= Y | N | R indicates whether or not mixed-case password
support is currently enabled for the instance of IMS Connect
that is identified in the HWS ID field.

****
IMS V10 Communications and Connections Guide
****

Chapter 17

Enabling mixed-case password support
IMS Connect supports mixed-case passwords. However, by default,
IMS Connect depends upon the mixed-case password specification
in RACF. If the mixed-case password specification is not set in
RACF, IMS Connect converts all lowercase characters in a
password to uppercase characters.

To use mixed-case passwords, RACF, or your similar security
product, must also support mixed-case passwords. You can specify
mixed-case password support by specifying the parameter PSWDMC=Y
in the HWS configuration statement during system definition. In
the online system, you can enable or disable IMS Connect mixed-
case password support by using either of the following commands:
 o The IMS Connect command SETPWMC
 o The IMS Connect z/OS command UPDATE MEMBER TYPE(IMSCON)

****
IMS V10 System Definition Reference
****

Chapter 82

PSWDMC=
Specifies whether or not IMS Connect supports mixed-case
passwords. Before you enable support for mixed-case passwords,
you must configure RACF to support mixed-case passwords.

N Disables IMS Connect support for mixed-case passwords. IMS
  Connect converts any lowercase characters in passwords to

uppercase characters.

               Y Enables IMS Connect support for mixed-case passwords.

               R Determines the need for mixed-case password support based
                 on the specification for mixed case password support in the
                 RACF configuration. This is the default.).

UK46481 ++ HOLD(UK46481) SYS FMID(HMK1010) REASON(DOC) DATE(09132)
            COMMENT
             (DOCUMENTATION CHANGE FOR APAR PK84540
             THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
             AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
             GC18971201
             -
             THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
             -

             The IMS Messages and Codes Reference manual (GC18971201) will be
             modified under DFS1939W to add the following for yyyyyyyy:

             ALLOTMA
             Interest was being registered for all active Supermember TPIPEs
             following a CQS failure.).

UK46666 ++ HOLD(UK46666) SYS FMID(HMK1010) REASON(DOC) DATE(09135)
            COMMENT
             (DOCUMENTATION CHANGE FOR APAR PK75943
             THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
             AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
             GC18971201 Messages and Codes Reference, Volume 1: DFS Messages
             -
             THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
             -
             New message DFS0005A is added:

             DFS0005A REPLY "Y" IF THIS IS A REMOTE DRRS SITE

             Explanation
             This message is generated because during a shared VSO area
             open processing, IMS-managed dual structure support detects
             the DEALLOCATE PENDING CONNECTIVITY LOST status for the
             structure. This status should be tolerate for users that
             employed DASD mirroring solution for disaster recovery
             whose CFRM policies are identical at both production and
             DR sites (include both the production site and DR site
             CF's in the preference list for the SVSO structures) .
             This message enables user ability to identify an IMS at
             DR site to bypass the error status.

             System action
             If the user indicates this is a remote DR site, IMS will
             proceed the area open processing by create and connect to
             a new structure.
             If the user indicates this is not a remote DR site, the
             area open processing will be terminated with message DFS3702I.
             DFS3702I AREA OPEN FAILED REASON CODE=41
                     AREA=areaname COUPLING FACILITY CONNECT FAILED

```
          Programmer response
          Reply 'Y' or 'y' if this IMS is at the remote disaster
          recovery site.  Any other reply indicates this IMS is
          not at DR site.

          Module
          DBFVXAS0).

UK46896   ++ HOLD(UK46896) SYS FMID(HMK1010) REASON(DOC) DATE(09146)
          COMMENT
           (DOCUMENTATION CHANGE FOR APAR PK77185
           THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
           AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
           SC18970300
           -
           THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
           -
           IMS V10 Communications and Connections Guide - SC189703

           Chapter 51 OTMA Callable Interface
           Getting Started with OTMA C/I
           OTMA C/I Restrictions

           Session time out for otma_send_receive API calls for CM1
           transactions.

           The OTMA C/I does not include a timeout function for
           send-then-commit (CM1) transactions submitted by using an
           otma_send_receive API call. Any time out function for CM1
           transactions must be managed by the OTMA C/I client.

           Note: Although it is unlikely, a z/OS X'0C4' abend can occur
           if the OTMA C/I client releases the session storage after
           OTMA has received a response from IMS, but before OTMA posts
           the wait ECB. To reduce the possibility of a z/OS X'0C4' abend,
           when you code your OTMA C/I client, include a brief delay in
           processing after the OTMA C/I client issues the otma_free call
           and before it frees the session storage.).

UK46949   ++ HOLD(UK46949) SYS FMID(HMK1010) REASON(DOC) DATE(09147)
          COMMENT
           (DOCUMENTATION CHANGE FOR APAR PK64584
           THIS MAINTENANCE IS BEING HELD SO YOU WILL BE
           AWARE OF DOCUMENTATION CHANGE TO MANUAL(S):
           GC18971401
           -
           THE FOLLOWING TEXT DESCRIBES THE DOC CHANGE:
           -
           The IMS V10 Messages and Codes manual (GC18971401) will be
           updated to document the new x'28' return code for
           ABENDU0791 issued by module DFSAERN0, as follows:

            Code      Meaning
            ----      -------
            X'28'     Call to abnormally terminate an ODBA thread failed.).

UK45982   ++ HOLD(UK45982) SYS FMID(HMK1010) REASON(ENH) DATE(09113)
          COMMENT
           (*************************************************************
```

```
PK80037
*************************************************************
Function name: Support for mixed case passwords in IMS Connect.
-
See APAR closing text or PTF cover letter for
complete details.
*************************************************************
```