SDF Model: Process

Author(s): Edward Ghiazza Jr; Hector Tello1

Title*:	**Perform CB Electronic Order Final Processing (CBELPFP)**
Last Modified:	10-06-2022 01:04 PM by: Hector Tello1/Mexico/IBM
Business Area*:	Custom Build
Work Items:	No Specified Work Item Numbers
Association:	No Association (process, application or other association)

Process Description:

Change History:

- Changes for WI# 11202 are hilited in **dark blue.** (EJG 06/15/06)
- Changes for WI# 12395 are hilited in **dark cyan** (EJG 04/12/2012)
- Changes for WI# 12447 are hilited in **dark red** (EJG 04/23/2014)
- Changes for WI# 12435 z/FS in Mfg line item are hilited in **dark yellow** (EJG 03/29/2015)
- Changes for WI# 12435 CBPDO Electronic Order Support in ESP line item and WI# 12460 are hilited in **dark brown** (EJG 03/29/2015)
- Changes/clarifications for WI# 11076 and PR#10425 are hilited in light grey (AMS 02/11/2016 and EJG 03/18/2016)
- Changes for WI# 12474 (SPS in ServerPac), RRC 159981 , Portfolio Epic 1185003, and User Story 1504874 are hilited in **light magenta** (EJG 06/14 - 06/21/2017)
- Changes for WI# 12474 (SPS in ServerPac), RRC 159981 , Portfolio Epic 1185003, and User Story 1504874 AND WI# 12474 (V2R3 GA Changes), **Portfolio Epic 1239513**, and User Story 1520262 are hilited in **dark magenta** (EJG 07/16/2017)
- Updates/clarifications/Enhancements for WI# 11076 and **RTC Defect 1631283** are hilited in **red** (EJG 01/22/2018)
- Changes for WI# 12486 , Requirement 1649349 , Portfolio Epic 1701651 and User Story 1741727 are hilited in **dark green** (EJG 07/02/2018)
- Changes for WI# 12483 (Phase 2A) and User Story 1800908 are hilited in **blue green** (EJG 01/01/2019)
- Changes for WI# 12483 (Phase 2B) and User Story 1811418 are also hilited in **blue green** (EJG 01/01/2019)
- Changes for WI# 12483 (Phase 2C) and User Story 1833527 are also hilited in **blue green** (EJG 01/08/2019)
- Changes for WI# 12483 (Phase 2D) and User Story 1837425 are also hilited in **blue green** (EJG 01/08/2019)
- Changes for WI# 12490 , Portfolio Epic 1658426 , and User Story 1862868 are hilited in red coral , medium green , lilac gray and medium blue (JICG 02/11/2019 and EJG 02/14/2019, EJG 04/30/2019, HETLLO 05/31/2019, EJG 09/01/2019)
- Changes for WI# 12490 (V2R4 ESP Changes) , Portfolio Epic 1780153 and User Story 1904502 are hilited **light green** and are also hilited in medium green (EJG 04/30/2019)
- Changes for WI# 12494 (Provide support for COD 4Q 2019 Updates) , Portfolio Epic 1853812 and User Story 1914418 are hilited in

Cornflower
and are also hilited in lilac gray and medium blue (HTELLO 05/24/2019, EJG 05/30/2019, EJG 09/01/2019)
- Additional updates for WI# 12494 (Provide support for COD 4Q 2019 Updates), Portfolio Epic 1853812 and User Story 1914418 are hilited in light purple (EJG 06/14/2019)
- Changes for WI# 12490 (V2R4 GA Changes) , Portfolio Epic 1780153 , and User Story 1933918 are also hilited in light green and medium blue (EJG 09/02/2019)
- Changes for WI# 12501 , Epic CB-2178, and User Story CB-10338 are hilited in blue (EJG 05/25/2020)
- Changes for WI# 12505 , Epic CB-9698 and User Story CB-11938 are hilited in light brown (EJG 09/28/2020)
- Changes for WI# 11076 , Jira Bug CB-12378 hilited in Yellow Green (HTELLO 10/26/2020)
- Changes for WI# 12505 and User Story CB-13657 are also hilited in light brown (EJG 02/26/2021)
- Changes for WI# 12502 Epic CB-9496 , Epic CB-10815 , and User Story CB-14086 are hilited in dark grey , very dark grey , dark orange , and medium red (EJG 04/21/2021, 04/28/2021)
- Changes for WI# 12502 , Epic CB-9496 , Epic CB-13842 , and User Story CB-14086 are hilited in light blue , medium purple and are also hilited in dark orange and very dark grey (EJG 04/21/2021, 04/28/2021)
- Changes for WI# 12505 , Epic CB-13843 , and User Story CB-13896 are hilited in light blue green and are also hilited in and medium purple , dark orange, and medium red (EJG 04/28/2021)
- Changes for WI# 12517 , Epic CB-19008, Epic CB-18299, and User Story CB-19500 are hilited in Fuchsia (HTELLO 06/10/2022)

Overview:

- This process will do the following:
  - For each CB Electronic Order Request row (most of the time there should only be 1 row to select) selected from the CB Electronic Order Request Details Table (VCBELORD) where the CB Electronic Order Request Status (ISTATUS) column/field value equals the **eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)** value in the Perform CB Electronic Order Final Processing Configuration File (CTL):
    - Determine if a **CBPDO**, **ServerPac**, ~~or~~ **CustomPac**; or COD electronic order is being processed by checking the ISOWID column value from the CB Electronic Order Request Details Table (VCBELORD).
  - **Obtain further order details for the order from the** CB Mfg. Order Table (VCBMORDER) **which will be used to derive file names and fill in field values in output files.**
  - If a ServerPac electronic order is being processed, then determine if it is a ServerPac z/OS Product electronic order and additionally if it is a ServerPac z/OS Product Dialog Installable or ServerPac z/OS Product z/OSMF Installable electronic order or if it is a ServerPac non-z/OS Product electronic order by checking the Order Type (CORDTYP) column value from the CB Mfg. Order Table (VCBMORDER).
    - If a CustomPac electronic order is being processed, then determine if it is a CustomPac Full Volume Dump (aka. FVD) or non-Full Volume Dump (aka. non-FVD) electronic order by checking the **Custom Build Mfg. Order Product Table (CBMPROD)**.
- NOTE:The following 3 processes listed below were moved to be performed at the end of processing:
  - ~~An order status record will be created in the CB Mfg. Order Status Table Insert Records File (STAT).~~

~~The record will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process to insert a new row to the CB Mfg. Order Status Table (VCBMSTAT) and update the existing row for the CB electronic order in the CB Mfg. Order Table (VCBMORDER).~~

~~- A CB electronic order item record will be created in the CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM).~~

~~The record will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process to insert a new row to the CB Mfg Electronic Order Item Detail Table (VCBMEITD).~~

~~- The CB Electronic Order Request Status column/field (ISTATUS) of the selected CB Electronic Order Request row in the CB Electronic Order Request Details Table (VCBELORD) will be updated with the value of the CB Electronic Order Request Complete Status parm (CBCM_STATUS) in the Perform CB Electronic Order Final Processing Configuration File.~~

- The CB Electronic Order 'lines to add to email' File will be deleted.

- If a CBPDO electronic order is being processed then the following files will be deleted:
  - CB Electronic Order RFNJOBS JCL File ~~will be deleted if a CBPDO electronic order is being processed .~~
  - CB Electronic Order RFNJOBH JCL File

- If a ServerPac z/OS Product z/OSMF Installable electronic order is being processed, then the following file will be deleted:
  - The CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File will be deleted.

- If a COD electronic order is being processed then the following file will be deleted:
  - CB Electronic Order Hardware Management Console Download Server Information Customized File

- If a ServerPac z/OS Product Dialog Installable electronic order or CustomPac non-Full Volume Dump (aka. non-FVD) is being processed then the following files will be deleted:
  - The CB Electronic Order LOADRIMH JCL File ~~will be deleted if a CustomPac non-Full Volume Dump (aka. non-FVD) electronic order is being processed .~~
  - The CB Electronic Order LOADRIMS JCL File ~~will be deleted if a ServerPac electronic order is being processed .~~
  - The CB Electronic Order Install Dialog Download Variable Values File ~~will be deleted if a ServerPac or CustomPac non-FVD electronic order is being processed .~~
  - The CB Electronic Order EUPDATEH JCL File ~~will be deleted if a CustomPac non-FVD electronic order is being processed .~~
  - The CB Electronic Order EUPDATES JCL File ~~will be deleted if a ServerPac electronic order is being processed .~~

- If a CustomPac Full Volume Dump (aka. FVD) is being processed then the following files will be deleted:
  - CB Electronic Order GETORDRH JCL File :
  - CB Electronic Order GETORDRS JCL File ~~will be deleted if a CustomPac Full Volume Dump (aka. FVD) electronic order is being processed .~~
  - CB Electronic Order Allocate ~~HFS~~ File System JCL File ~~will be deleted if a CustomPac Full Volume~~

~~Dump (aka. FVD) electronic order is being processed .~~

- If the **Execute unmount HFS file** and **remove directories UNIX commands parm (EX_UNMOUNT_RM_CMDS)** value from the Perform CB Electronic Order Final Processing Configuration File (CTL) = **'Y'** and a CBPDO or CustomPac or ServerPac z/OS Product or COD electronic order is being processed then:
  - **If the value of the Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC) in the** Perform CB Electronic Order Final Processing Configuration File (CTL) **= 'Y' (aka. The removing of the path to the main directory and unmounting of the** CB Mfg. File System ROOT File for an Electronic Order **and removing the path to the main directory for the CB Electronic order being processed needs to happen on the other System eFactory is running on which IS NOT the system this process is running on) then:**
    - A Process CB Mfg. HFS Root File Request message **will be created and PUT on the queue specified by the value of the CB Queue Manager name parm (CBQMGR) and Remote Process CB Mfg. HFS Root File Cleanup Request Queue Name parm (REM_CBHFSPR_CL_REQ_QNAME) in the** Perform CB Electronic Order Final Processing Configuration File (CTL) .
    - A corresponding Process CB Mfg. HFS Root File Reply message **will be processed against the queue specified by the CB Queue Manager name parm (CBQMGR) and Perform CB Electronic Order Final Processing Reply Queue Reply Queue parm (CBELPFP_REP_QNAME) in the** Perform CB Electronic Order Final Processing Configuration File (CTL) **to determine if the** Process CB Mfg. HFS Root File Request message **was successfully processed by the** Process CB Mfg HFS Root File (CBHFSPR) process .
  - **If the value of the Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC) in the** Perform CB Electronic Order Final Processing Configuration File (CTL) **= 'N' (aka. The removing of the path to the main directory and unmounting of the** CB Mfg. File System ROOT File for an Electronic Order **and removing the path to the main directory for the CB Electronic order being processed needs to happen on the system eFactory is running on which IS the system this process is running on) then:**
    - The **Unmount HFS File routine** (**unmountHFSfile** which is part of the **EF$UNIX include**) will be called to unmount the derived file name of the CB Mfg. File System ROOT File for an Electronic Order .
    - The **Delete Unix Directories and Files routine** (**deleteAllLocUnixDir** which is part of the **EF$UNIX include**) will be called to remove the files and directories associated with the CB Mfg. File System ROOT File for an Electronic Order .
  - NOTE: The following process was moved to be performed at the end of processing:
  - ~~If the CB Mfg Order Status Update program (CPPSTAT) should be called then:~~
    - ~~The Set Status to Next in CB Mfg (CB$SNXT) process will be called which will call the CB Mfg Order Status Update program (CPPSTAT) to set the status of the order to NEXT in the CB Mfg. process which will result in the Phase Y job being run to clean up thew order.~~

- A CB electronic order item record will be created in the
  CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM).
  The record will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process
  to insert a new row to the CB Mfg Electronic Order Item Detail Table (VCBMEITD).
- An order status record will be created in the CB Mfg. Order Status Table Insert Records File (STAT).
  The record will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process
  to insert a new row to the CB Mfg. Order Status Table (VCBMSTAT) and update the existing row
  for the CB electronic order in the CB Mfg. Order Table (VCBMORDER).
- The CB Electronic Order Request Status column/field (ISTATUS) of the
  selected CB Electronic Order Request row in the
  CB Electronic Order Request Details Table (VCBELORD) will be updated
  with the value of the CB Electronic Order Request Complete Status parm (CBCM_STATUS)
  in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- If the CB Mfg Order Status Update program (CPPSTAT) should be called then:
  - If CBPDO or CustomPac or ServerPac z/OS Product or COD electronic order is being processed then:
  - The Set Status to Next in CB Mfg (CB$SNXT) process will be called which will call the
    CB Mfg Order Status Update program (CPPSTAT) to set the
    status of the order to NEXT in the CB Mfg. process which will result in the Phase Y job being run
    to clean up thew order.
- An **OMS Admin Notification MQ Series message** will be created (OMSBM - Build OMS Mesage, REXX include)
  and put on the queue manager name specified by the **Queue Manager name parm (QMGR)**
  and the queue name specified by the **OMS Admin Queue Name parm (OMSADMINQNAME)**
  in the Perform CB Electronic Order Final Processing Configuration File (CTL).
  The message will be used by the **OMS Process Admin Notification Msgs process**
  to send out a CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification if
  one needs needs to be sent.
- An **OMS Admin Notification message** will be created (OMSBM - Build OMS Mesage, REXX include)
  and put on the queue manager name specified by the **Queue Manager name parm (QMGR)**
  and the queue name specified by the **OMS Admin Queue Name parm (OMSADMINQNAME)**
  in the Perform CB Electronic Order Final Processing Configuration File (CTL) if any errors
  are encountered. The message will be used by the **OMS Process Admin Notification Msgs process**
  to send out a **Perform CB Electronic Order Final Processing (CBELPFP) process error e-mail notification**.

Processing:

- Perform MQSeries and DB2 initialization tasks using the following common routines:
  - $MQI (MQ Series Rexx Functions)
  - **$DBICB (RXSQL Interface Functions)**
- If the Initialization processing **is successful** then:
  - For each CB Electronic Order Request row (most of the time there should only be 1 row to select)
    selected from the CB Electronic Order Request Details Table (VCBELORD) where

the CB Electronic Order Request Status (ISTATUS) column/field value equals the
eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS) value in the
Perform CB Electronic Order Final Processing Configuration File (CTL)
{SELECT IESWORDLI, CITEMREF, ISWOID
FROM VCBELORD,
WHERE
ISTATUS = **eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)**
value in the Perform CB Electronic Order Final Processing Configuration File (CTL) }:
- If a CB Electronic Order Request row **is selected** (sqlcode = 0) then:
  - If the ISWOID field value = '5751CS9' then:
    - A ServerPac electronic order is being processed.
  - If the ISWOID field value = '5751CS3' then:
    - A CBPDO electronic order is being processed.
  - If the ISWOID field value = '5751CS4' then:
    - A CustomPac electronic order is being processed.
    - Determine if CustomPac non-FVD or FVD order is being processed by checking
      the **Custom Build Mfg. Order Product Table (CBMPROD)**
      {SELECT IFEATURE
      FROM VCBMPROD,
      WHERE
      IESWORDER = first 10 chars of the IESWORDLI field value obtained from the previous select
      of the CB Electronic Order Request Details Table (VCBELORD) **AND**
      IESWLITEM = 12th - 17th chars of the IESWORDLI field value obtained from the previous select
      of the CB Electronic Order Request Details Table (VCBELORD) AND
      IFEATURE = **CustomPac Full Volume Dump Order Feature parm (CPAC_FVD_ORD_FEAT)**
      value in the Perform CB Electronic Order Final Processing Configuration File (CTL) }:
      - If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
        - See **Common OMS Admin Notification message and Error processing** section below.
        - The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT**:
          CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO SELECT FROM VCBMPROD FOR
          ORDER#/LINE ITEM# xxxxxxxxxx
          where xxxxxxxxxx = the IESWORDLI field value obtained from the select
          of the CB Electronic Order Request Details Table (VCBELORD)
        - The process will end with an error code of 12.
      - If the CustomPac electronic order **CONTAINS** the Full Volume Dump feature (sqlcode = 0) then:
        - A CustomPac FVD electronic order is being processed.
      - If the CustomPac electronic order **DOES NOT CONTAIN** the Full Volume Dump feature (sqlcode = 100) then:
        - A CustomPac non-FVD electronic order is being processed.
- If the ISWOID field value = '5751CS5' or '5751CS6' then:
  - A CustomPac electronic order is being processed.
  - A CustomPac non-FVD electronic order is being processed.

- If the ISWOID field value = '5751COD' then:
  - A COD electronic order is being processed.
- If the ISWOID field value ^= '5751CS3' or and '5751CS9' or and'5751CS4' or and'5751CS5 or and'5751CS6' and '5751COD' then:
  - See **Common OMS Admin Notification message and Error processing** section below.
  - The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT:**

    CBELPFPXXE: UNEXPECTED ISWOID FIELD VALUE yyyy ENCOUNTERED IN VCBELORD FOR
    ORDER#/LINE ITEM# xxxxxxxxxx
    where xxxxxxxxxx = the IESWORDLI field value obtained from the select
    of the CB Electronic Order Request Details Table (VCBELORD)
    yyyy = the ISOWID field value obtained from the select
    of the CB Electronic Order Request Details Table (VCBELORD)
  - The process will end with a return code of 12.
- Obtain the Order# (IESWORDER), Line Item# (IESWLITEM) , CB Offering Type (ICBTYPE) , Order Type (CORDTYP), CB Mfg. Order# (IMFGORD#) , CB Mfg. Run# (IMFGRUN#), and Media Type (IMEDTYPE) field values the from the corresponding CB electronic order row in the CB Mfg. Order Table (VCBMORDER)

  {SELECT IESWORDER, IESWLITEM, ICBTYPE, CORDTYP, IMFGORD#, IMFGRUN#, IMEDTYPE
  FROM CBMORDER
  WHERE
  IESWORDER = first 10 chars of the IESWORDLI field value obtained from the previous select
  of the CB Electronic Order Request Details Table (VCBELORD) **AND**
  IESWLITEM = 12th - 17th chars of the IESWORDLI field value obtained from the previous select
  of the CB Electronic Order Request Details Table (VCBELORD) }:
  - If the CB electronic order row **exists** (sqlcode = 0) then:
    - NOTE:The following 3 processes listed below were moved to be performed at the end of processing:
    - An order status record will be created in the CB Mfg. Order Status Table Insert Records File (STAT) .
    The following lists the fields and how their corresponding values are derived:
    - ESW Sales Order# (IESWORDER):
      - IESWORDER field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER).
    - ESW Line Item# (IESWLITEM):
      - IESWLITEM field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER).
    - CB Mfg. Order# (IMFGORD#):
      - The IMFGORD# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER).
    - CB Mfg. Run# (IMFGRUN#):
      - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER).
    - Order Status (ISTATUS):

- eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Status Remark (TREMARK):
- Electronic Order Status Remark parm (ELEC_ORD_REMARK):
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Timestamp for date/time status record created (TSSTAT):
- Current Date and time in the DB2 timestamp format of yyyy-mm-dd-hh-mm-ss.uuuuuu.
- Note: REXX include CBMDYT will be used to obtain a DB2 timestamp value).
- Name of Program reporting status (NPRGREP):
- The name of this program, 'CBELPFP'
- A CB electronic order item record will be created in the
CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM).
The following lists the fields and how their corresponding values are derived:
- ESW Sales Order# (IESWORDER):
- IESWORDER field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- ESW Line Item# (IESWLITEM):
- IESWLITEM field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- CB Mfg. Order# (IMFGORD#):
- The IMFGORD# field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- CB Mfg. Run# (IMFGRUN#):
- The IMFGRUN# field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- Item Number Reference (CITEMREF):
- The CITEMREF field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD).
- Electronic Item Descrption (NITMNAME):
- Electronic Order Item Description parm (ELEC_ORD_ITEM_DESC)
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Media Type (IMEDTYPE):
- The IMEDTYPE field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- Maximum Megabytes Threshold (QMAXMBTHLD):
- '99999'
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO SELECT FROM VCBMSTAT FOR

ORDER#: xxxxxxxxxx, LINE ITEM# yyyyyy
where xxxxxxxxxx = the IESWORDER field value obtained from the previous select
of the **CB Mfg. Order Table (VCBMORDER)**
yyyyyy = IESWLITEM field value obtained from
the previous select of the **CB Mfg. Order Table (VCBMORDER)**
- **Total Megabyte Count Before GIMZIP (QUNZIPMB):**
- Allocate the **CB Mfg ZIPDATA File** using the following concatenated data for the dataset name:
- If a CBPDO electronic order is being processed then:
- The value of the **CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ_PDO)** from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- If a ServerPac electronic order is being processed then:
- The value of the **CB Mfg Dataset high level qualifier for ServerPac orders parm (CBMFG_DS_HLQ_SPAC)** from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- If a CustomPac electronic order is being processed then:
- The value of the **CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC)** from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
'.'
- The IMFGRUN# field value obtained from the previous select
of the **CB Mfg. Order Table (VCBMORDER)**
'.'
- The value of the **CB Mfg ZIPDATA Dataset low level qualifier parm (CBMFG_ZIPDAT_DS_LLQ)**
from the **Perform CB Electronic Order Final Processing Configuration File (CTL)**
- **examples:** 'CSP.OSP12345.ZIPDATA' or 'SRVPACP.OS161234.ZIPDATA' or CUSPACP.CA180099.ZIPDATA'
- If the **CB Mfg ZIPDATA File** **can not be allocated** successfully then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPFPXXE: CB MFG ZIPDATA FILE, xxxxxxxx, COULD NOT BE ALLOCATED
FOR ORDER#/LINE ITEM# yyyyyyyyyy
where xxxxxxxxxx = the **CB Mfg ZIPDATA File** name and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select
of the **CB Electronic Order Request Details Table (VCBELORD)**
- The Electronic Order Request row will be bypassed.
- If the **CB Mfg ZIPDATA File** **can be allocated** successfully then:
- If a CBPDO electronic order is being processed then:
- The value of the first **'originalsize='** line after the **'<PKGDEF'** line,
not including the beginning and ending double ticks (") divided by 1,048,576 rounded
up or down depending on the value.
(ex: if line is 'originalsize="829285920" ', then the QUNZIPMB field value would be '00791')
If the megabyte count comes out to less than 1, then the QUNZIPMB value should be set to '00001'.
- If a ServerPac or CustomPac electronic order is being processed then:
- Allocate the **CB Mfg. ZIPDCONT File** using the following concatenated data for the dataset name:

- If a ServerPac electronic order is being processed then:
- The value of the **CB Mfg Dataset high level qualifier for ServerPac orders parm (CBMFG_DS_HLQ_SPAC)** from the **Perform CB Electronic Order Final Processing Configuration File (CTL)**.
- If a CustomPac electronic order is being processed then:
- The value of the **CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC)** from the **Perform CB Electronic Order Final Processing Configuration File (CTL)**.
- The IMFGRUN# field value obtained from the previous select of the **CB Mfg. Order Table (VCBMORDER)**.
- The value of the **CB Mfg ZIPDCONT Dataset low level qualifier parm (CBMFG_ZIPDCNT_DS_LLQ)** from the **Perform CB Electronic Order Final Processing Configuration File (CTL)**.
- **examples:** 'SRVPACP.OS161234.ZIPDCONT' or CUSPACP.CA180099.ZIPDCONT'
- If the **CB Mfg. ZIPDCONT File can not be allocated successfully** then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPFPXXE: CB MFG ZIPDCONT FILE, xxxxxxxx, COULD NOT BE ALLOCATED FOR ORDER#/LINE ITEM# yyyyyyyyyy
where xxxxxxxxxx = the CB Mfg. ZIPDCONT File name and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the **CB Electronic Order Request Details Table (VCBELORD)**
- The Electronic Order Request row will be bypassed.
- If the **CB Mfg. ZIPDCONT File** can be allocated successfully then:
- The sum of the following divided by 1,048,576 and rounded up or down depending on the total value:
- The value of the first **'originalsize='** line after the **'<PKGDEF'** line,
not including the beginning and ending double ticks (") from the **CB Mfg ZIPDATA File**
- The value of the first **'originalsize='** line after the **'<PKGDEF'** line,
not including the beginning and ending double ticks (") from the **CB Mfg. ZIPDCONT File**.
- **Total Megabyte Count After GIMZIP (QZIPMB):**
- If a CBPDO electronic order is being processed then:
- The value of the first **'size='** line after the **'<PKGDEF'** line
not including the beginning and ending double ticks (") divided by 1,048,576 rounded up or down depending on the value from the **CB Mfg ZIPDATA File**.
(ex: if line is 'size="150165984" ', then the QZIPMB field value would be '00142').
If the megabyte count comes out to less than 1, then the QZIPMB value should be set to '00001'.
- If a ServerPac or CustomPac electronic order is being processed then:
- The sum of the following divided by 1,048,576 and rounded up or down depending on the total value:
- The value of the first **'size='** 'line after the '**<PKGDEF'** line
not including the beginning and ending double ticks (") from the **CB Mfg ZIPDATA File**.
- The value of the first **'size='** 'line after the '**<PKGDEF'** line
not including the beginning and ending double ticks (") from the **CB Mfg. ZIPDCONT File**.

- NOTES:
- If the '<PKGDEF' line, 'originalsize=' line, or, 'size=' lines are missing from the CB Mfg ZIPDATA File then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPPFPXXE: CB MFG ZIPDATA FILE MISSING REQUIRED nnnnnnnn line
FOR ORDER#/LINE ITEM# yyyyyyyyyy
where nnnnnnnn = the missing keyword line ('<PKGDEF', 'originalsize=', or 'size=') and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)
- The CB Electronic Order Request row will be bypassed.
- If the '<PKGDEF' line, 'originalsize=' line, or, 'size=' lines are missing from the CB Mfg. ZIPDCONT File then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
and it should also be written to SYSPRINT:
CBELPPFPXXE: CB MFG ZIPDCONT FILE MISSING REQUIRED nnnnnnnn line
FOR ORDER#/LINE ITEM# yyyyyyyyyy
where nnnnnnnn = the missing keyword line ('<PKGDEF', 'originalsize=', or 'size=') and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)
- The CB Electronic Order Request row will be bypassed.
- The ISTATUS column/field of the
CB Electronic Order Request Details Table (VCBELORD) row selected
will be updated with the latest status
{UPDATE VCBELORD
SET ISTATUS = the value of the CB Electronic Order Request Complete Status parm (CBCM_STATUS)
in the Perform CB Electronic Order Final Processing Configuration File (CTL)
TSCHG = CURRENT TIMESTAMP,
NCHGBY = 'CBELPFP'
WHERE
IESWORDLI = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)}:
- If the row is not found for update (sqlcode = 100) then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: DB2 ROW NOT FOUND IN VCBELORD FOR UPDATE FOR
ORDER#/LINE ITEM# xxxxxxxxxx
where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)
- The process will end with an error code of 12.
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
- See Common OMS Admin Notification message and Error processing section below.

~~- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:~~
~~CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO UPDATE VCBELORD FOR~~
~~ORDER#/LINE ITEM# xxxxxxxxxx~~
~~where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select~~
~~of the CB Electronic Order Request Details Table (VCBELORD)~~
~~- The process will end with an error code of 12.~~
~~- If the row is updated successfully (sqlcode = 0) then:~~
~~- NOTE:The processing to create and send the~~
~~CBELPFP eFactory and CB EOS processing completed for CB Electronic Order ' email notification~~
~~has been moved to Create and Send CB EOS Processing Completed Email routine and will~~
~~now be performed at the end of processing.~~
- Derive the file name of the CB Electronic Order 'lines to add to email' File to be allocated
by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ)
value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- CB Electronic Order 'lines to add to email' dataset LLQ parm (CBELC_ADDEMAIL_DS_LLQ)
value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Example: 'CBSOMAP.ELCZ.ORDER.OSP12345.EMAIL'
- Delete any existing CB Electronic Order 'lines to add to email' File
using the derived file name above.
- If the CB Electronic Order 'lines to add to email' File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order 'lines to add to email' File name that was not deleted.
- If the CB Electronic Order 'lines to add to email' File was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order 'lines to add to email' File that was deleted.
- If a CBPDO electronic order is being processed then:
- Derive the file name of the CB Electronic Order RFNJOBH JCL File
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- CB Electronic Order RFNJOBH dataset LLQ parm (CBELC_RFNJOBH_DS_LLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- Example: 'CBSOMAP.ELCZ.ORDER.OSP12345.RFNJOBH.TXT'

- Delete any existing CB Electronic Order RFNJOBH JCL File
using the derived file name above.
- If the CB Electronic Order RFNJOBH JCL File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order RFNJOBH JCL File name that was not deleted.
- If the CB Electronic Order RFNJOBH JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order RFNJOBH JCL File name that was deleted.
- Derive the file name of the CB Electronic Order RFNJOBS JCL File
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- CB Electronic Order RFNJOBS dataset LLQ parm (CBELC_RFNJOBS_DS_LLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- Example: 'CBSOMAP.ELCZ.ORDER.OSP12345.RFNJOBS.TXT'
- Delete any existing CB Electronic Order RFNJOBS JCL File
using the derived file name above.
- If the CB Electronic Order RFNJOBS JCL File
was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order RFNJOBS JCL File name that was not deleted.
- If the CB Electronic Order RFNJOBS JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order RFNJOBS JCL File name that was deleted.
- If a ServerPac electronic order is being processed then:
- If the value of the Order Type Field (CORDTYP) from the previous select of the
CB Mfg. Order Table (VCBMORDER) ^= one of the values of the
ServerPac Order Type Column Values in CBMORDER Table for a non-z/OS Product Order parm
(SPAC_NON_ZOS_PROD_ORD_TYPE) from the
Perform CB Electronic Order Final Processing Configuration File (CTL) then :
- A ServerPac z/OS Product electronic order is being processed
- If the value of the Order Type Field (CORDTYP) from the previous select of the
CB Mfg. Order Table (VCBMORDER) = one of the values of the
ServerPac Order Type Column Values in CBMORDER Table for a Z/OSMF Installable Order parm
(SPAC_ZOSMF_INSTALL_ORD_TYPE) from the
Perform CB Electronic Order Final Processing Configuration File (CTL) then :
- A ServerPac z/OS Product z/OSMF Installable Order is being processed
- If the value of the Order Type Field (CORDTYP) from the previous select of the

CB Mfg. Order Table (VCBMORDER) ^= one of the values of the
ServerPac Order Type Column Values in CBMORDER Table for a Z/OSMF Installable Order parm
(SPAC_ZOSMF_INSTALL_ORD_TYPE) from the
Perform CB Electronic Order Final Processing Configuration File (CTL) then :
- A ServerPac z/OS Product Dialog Installable electronic order is being processed
- If the value of the Order Type Field (CORDTYP) from the previous select of the
CB Mfg. Order Table (VCBMORDER) = one of the values of the
ServerPac Order Type Column Values in CBMORDER Table for a non-z/OS Product Order parm
(SPAC_NON_ZOS_PROD_ORD_TYPE) from the
Perform CB Electronic Order Final Processing Configuration File (CTL) then :
- A ServerPac non-z/OS Product electronic order is being processed
-If a ServerPac z/OSMF Installable electronic order is being processed then:
- Derive the file name of the
CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- CB Electronic Order z/OSMF Software Management Add Potable Software Instance Server XML Tag Info Customized File
low level qualifier parm (CBELC_ZOSMFPSX_DS_LLQ) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- example: 'CBSOMAP.ELCZ.ORDER.OS231234.SERVER.TXT'
- Delete any existing
CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
using the derived file name above.
- If the CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
name that was not deleted.
- If the CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File
name that was deleted.
- If a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed then:
- Derive the file name of the CB Electronic Order Install Dialog Download Variable Values File
to be allocated by using the following concatenated data:

- **CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ)** value from the
Perform CB Electronic Order Final Processing Configuration File (CTL) .
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- '.'
- **CB Electronic Order Install Dialog Download Variable Values File low level qualifier parm (CBELC_INDVVALS_DS_LLQ)** value from the
Perform CB Electronic Order Final Processing Configuration File (CTL) .
- **example:** 'CBSOMAP.ELCZ.ORDER.OS161234.INDVVALS.TXT'
- Delete any existing CB Electronic Order Install Dialog Download Variable Values File using the derived file name above.
- If the CB Electronic Order Install Dialog Download Variable Values File was not deleted successfully then:
- A warning message will be written to **SYSPRINT** which will list the
CB Electronic Order Install Dialog Download Variable Values File name that was not deleted.
- If the CB Electronic Order Install Dialog Download Variable Values File was deleted successfully then:
- A message will be written to **SYSPRINT** which will list the
CB Electronic Order Install Dialog Download Variable Values File name that was deleted.
~~- If a ServerPac production electronic order or CustomPac non-FVD electronic order is being processed~~
- Derive the file name of the CB Electronic Order LOADRIMH JCL File
to be allocated by using the following concatenated data:
- **CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ)** value from the
Perform CB Electronic Order Final Processing Configuration File (CTL) .
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- '.'
- **CB Electronic Order LOADRIMH JCL File l ow level qualifier parm (CBELC_LOADRIMH_DS_LLQ)**
value from the Perform CB Electronic Order Final Processing Configuration File (CTL) .
- **example:** 'CBSOMAP.ELCZ.ORDER.OS161234.LOADRIM**H**.TXT'
- Delete any existing CB Electronic Order LOADRIMH JCL File using the derived file name above.
- If the CB Electronic Order LOADRIMH JCL File was not deleted successfully then:
- A warning message will be written to **SYSPRINT** which will list the
CB Electronic Order LOADRIMH JCL File name that was not deleted.
- If the CB Electronic Order LOADRIMH JCL File was deleted successfully then:
- A message will be written to **SYSPRINT** which will list the
CB Electronic Order LOADRIMH JCL File name that was deleted.
- **Derive the file name of the** CB Electronic Order LOADRIMS JCL File
to be allocated by using the following concatenated data:
- **CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the**
Perform CB Electronic Order Final Processing Configuration File (CTL) .
- '.'
- **IMFGRUN# field value from the previous select of the** CB Mfg. Order Table (VCBMORDER) .

- '.'
- CB Electronic Order LOADRIMS JCL File low level qualifier parm (CBELC_LOADRIMS_DS_LLQ) value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- example: 'CBSOMAP.ELCZ.ORDER.OS161234.LOADRIMS.TXT'
- Delete any existing CB Electronic Order LOADRIMS JCL File using the derived file name above.
- If the CB Electronic Order LOADRIMS JCL File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the CB Electronic Order LOADRIMS JCL File name that was not deleted.
- If the CB Electronic Order LOADRIMS JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the CB Electronic Order LOADRIMS JCL File name that was deleted.

~~- If a ServerPac or CustomPac non-FVD electronic order is being processed then :~~

- Derive the file name of the CB Electronic Order EUPDATEH JCL File to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- The CB Electronic EUPDATEH JCL File low level qualifier parm (CBELC_UPDTIDH_DS_LLQ) value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- example: 'CBSOMAP.ELCZ.ORDER.OS161234.EUPDATEH.TXT'
- Delete any existing CB Electronic Order EUPDATEH JCL File using the derived file name above.
- If the CB Electronic Order EUPDATEH JCL File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the CB Electronic Order EUPDATEH JCL File name that was not deleted.
- If the CB Electronic Order EUPDATEH JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the CB Electronic Order EUPDATEH JCL File name that was deleted.
- Derive the file name of the CB Electronic Order EUPDATES JCL File to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- The CB Electronic Order EUPDATES JCL File low level qualifier parm (CBELC_UPDTIDS_DS_LLQ) value from the Perform CB Electronic Order Final Processing Configuration File (CTL).

- example: 'CBSOMAP.ELCZ.ORDER.OS161234.EUPDATES.TXT'
- Delete any existing CB Electronic Order EUPDATES JCL File using the derived file name above.
- If the CB Electronic Order EUPDATES JCL File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order EUPDATES JCL File name that was not deleted.
- If the CB Electronic Order EUPDATES JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order EUPDATES JCL File name that was deleted.
- If a CustomPac FVD electronic order is being processed then:
- Derive the file name of the CB Electronic Order GETORDRH JCL File
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- The CB Electronic Order GETORDRH JCL File low level qualifier parm
(CBELC_GETORDRH_DS_LLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- example: 'CBSOMAP.ELCZ.ORDER.CA180099.GETORDRH.TXT'
- Delete any existing CB Electronic Order GETORDRH JCL File
using the derived file name above.
- If the CB Electronic Order GETORDRH JCL File was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the
CB Electronic Order GETORDRH JCL File name that was not deleted.
- If the CB Electronic Order GETORDRH JCL File was deleted successfully then:
- A message will be written to SYSPRINT which will list the
CB Electronic Order GETORDRH JCL File name that was deleted.
- Derive the file name of the CB Electronic Order GETORDRS JCL File
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- The CB Electronic Order Get Order JCL File low level qualifier parm (CBELC_GETORDRS_DS_LLQ)
value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- example: 'CBSOMAP.ELCZ.ORDER.CA180099.GETORDRS.TXT'
- Delete any existing CB Electronic Order GETORDRS JCL File
using the derived file name above.

- If the CB Electronic Order GETORDRS JCL File was not deleted successfully then:
- A warning message will be written to **SYSPRINT** which will list the
CB Electronic Order GETORDRS JCL File name that was not deleted.
- If the CB Electronic Order GETORDRS JCL File was deleted successfully then:
- A message will be written to **SYSPRINT** which will list the
CB Electronic Order GETORDRS JCL File name that was deleted.
- Derive the file name of the **CB Electronic Order Allocate File System JCL File**
to be allocated by using the following concatenated data:
- **CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ)** value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- The **CB Electronic Order Allocate File System JCL File low level qualifier parm (CBELC_ALLOCFS_DS_LLQ)**
value from the Perform CB Electronic Order Final Processing Configuration File (CTL).
- **example:** 'CBSOMAP.ELCZ.ORDER.CA180099.ALLOCHFS.TXT'
- Delete any existing **CB Electronic Order Allocate File System JCL File** using the derived file name above.
- If the **CB Electronic Order Allocate File System JCL File** was not deleted successfully then:
- A warning message will be written to **SYSPRINT** which will list the
CB Electronic Order Allocate File System JCL File name that was not deleted.
- If the **CB Electronic Order Allocate File System JCL File** was deleted successfully then:
- A message will be written to **SYSPRINT** which will list the
CB Electronic Order Allocate File System JCL File name that was deleted.
- If a COD electronic order is being processed then:
- Derive the file name of the **CB Electronic Order Hardware Management Console Download Server Information Customized File**
to be allocated by using the following concatenated data:
- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL).
- '.'
- IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- '.'
- CB Electronic Order CB Electronic Order Hardware Management Console Download Server Information Customized File
low level qualifier parm (CBELC_HMCDSIN_DS_LLC) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- Example: 'CBSOMAP.ELCZ.ORDER.OS241234.CODHMC.TXT'
- Delete any existing **CB Electronic Order Hardware Management Console Download Server Information Customized File**
using the derived file name above.
- If the **CB Electronic Order Hardware Management Console Download Server Information Customized File**
was not deleted successfully then:
- A warning message will be written to SYSPRINT which will list the

CB Electronic Order Hardware Management Console Download Server Information Customized File name that was not deleted.

- If the CB Electronic Order Hardware Management Console Download Server Information Customized File was deleted successfully then:
  - A message will be written to SYSPRINT which will list the CB Electronic Order Hardware Management Console Download Server Information Customized File name that was deleted.

- If a **CBPDO** electronic order is being processed then:
  - Derive the file name of the CB Mfg. File System ROOT File for an Electronic Order by using the following concatenated data:
    - The value of the **CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ_PDO)** from the Perform CB Electronic Order Final Processing Configuration File (CTL).
    - '.'
    - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    - '.'
    - ~~If the value of the Check Root File Name for a CBPDO Electronic Order parm (CHECK_ROOT_FILE_NAME_FOR_PDO_ORDER) from the Perform CB Electronic Order Final Processing Configuration File (CTL) indicates the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO Electronic Order does not need to be checked (= 'N') then:~~
      - The value of the **CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_PDO)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - ~~If the value of the Check Root File Name for a CBPDO Electronic Order parm (CHECK_ROOT_FILE_NAME_FOR_PDO_ORDER) from the Perform CB Electronic Order Final Processing Configuration File (CTL) indicates the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO Electronic Order does need to be checked (= 'Y') then:~~
      - ~~Perform the Determine CB Mfg. File System Root File Name for a CBPDO Electronic Order routine (see below).~~
      - ~~Use the value of the Determined CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier variable.~~
    - **example:** ~~'CSP.OSP12345.HFS.ROOT' or~~ **'CSP.OSP67895.ZFS.ROOT'**
  - **Derive the name of the File System directory path by using the following concatenated data:**
    - **The value of the CB Mfg File System Main Directory Name for CBPDO orders parm (CBMFG_FS_DIRM_PDO) from the Perform CB Electronic Order Final Processing Configuration File (CTL)**
    - **IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER)**
    - **example: '/CBELECP/OS161234'**
- If a **ServerPac** z/OS Product electronic order is being processed then:

- Derive the file name of the CB Mfg. File System ROOT File for an Electronic Order by using the following concatenated data:
  - The value of the **CB Mfg Dataset high level qualifier for ServerPac and COD orders parm (CBMFG_DS_HLQ_SPAC_COD)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
  - '.'
  - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
  - '.'
  - The value of the **CB Mfg. File System ROOT Dataset for ServerPac and COD orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_SPAC_COD)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
  - **example:** 'SRVPACP.OSP12345.EDELIV'
- **Derive the name of the File System directory path derived by using the following concatenated data:**
  - **The value of the CB Mfg File System Main Directory Name for ServerPac orders parm (CBMFG_FS_DIRM_SPAC) from the** Perform CB Electronic Order Final Processing Configuration File (CTL)
  - **The value of the ~~new~~ CB Mfg ~~HFS~~ File System 2nd level Directory Path Name for ServerPac orders parm (CBMFG_FS_DIR2_SPAC) from the** Perform CB Electronic Order Final Processing Configuration File (CTL)
  - **The IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).**
  - **The value of the ~~new~~ CB Mfg File System 4th level Directory Path Name for ServerPac orders parm (CBMFG_FS_DIR4_SPAC) from the** Perform CB Electronic Order Final Processing Configuration File (CTL)
  - **example: '/CBELECP/tmp/OS161234/GIMZIP'**
- If a **CustomPac** electronic order is being processed then:
  - Derive the file name of the CB Mfg. File System ROOT File for an Electronic Order by using the following concatenated data:
    - The value of the **CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - '.'
    - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    - '.'
    - The value of the **CB Mfg. File System ROOT Dataset for CustomPac orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_CPAC)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - **example:** 'CUSPACP.CA180099.EDELIV'
- Derive the name of the File System directory path derived by using the following concatenated data:

- The value of the **CB Mfg File System Main Directory Name for CustomPac orders parm (CBMFG_FS_DIRM_CPAC)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- The value of the **CB Mfg File System 2nd level Directory Path Name for CustomPac orders parm (CBMFG_FS_DIR2_CPAC)** from the Perform CB Electronic Order Final Processing Configuration File (CTL) .
- The IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
- The value of the **CB Mfg File System 4th level Directory Path Name for CustomPac orders parm (CBMFG_FS_DIR4_CPAC)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- **example:** '/CBELECP/tmp/CA180099/GIMZIP'

- If a COD electronic order being processed then:
  - Derive the file name of the CB Mfg. File System ROOT File for an Electronic Order by using the following concatenated data:
    - The value of the CB Mfg Dataset high level qualifier for ServerPac and COD orders parm (CBMFG_DS_HLQ_SPAC_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - '.'
    - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    - '.'
    - The value of the CB Mfg. File System ROOT Dataset for ServerPac and COD orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_SPAC_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - example: 'SRVPACP.OS242345.EDELIV'
  - Derive the name of the File System directory path derived by using the following concatenated data:
    - The value of the CB Mfg File System Main Directory Name for COD electronic orders parm (CBMFG_FS_DIRM_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - The value of the CB Mfg File System 2nd level Directory Path Name for COD electronic orders parm (CBMFG_FS_DIR2_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - The IMFGRUN# field value from the previous select of the CB Mfg. Order Table (VCBMORDER).
    - The value of the CB Mfg File System 4th level Directory Path Name for COD electronic orders parm (CBMFG_FS_DIR4_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - example: '/CPACP/tmp/OS241234/ELEC'

- **If the value of the Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC) in the** Perform CB Electronic Order Final Processing Configuration File (CTL) **= 'Y'**

(aka. The removing of the path to the main directory and unmounting of the
CB Mfg. File System ROOT File for an Electronic Order and removing
the path to the main directory for the CB Electronic order being processed
needs to happen on the other System eFactory is running on which IS NOT the system this process is
running on) and (a CBPDO or CustomPac or ServerPac z/OS Product
or COD electronic order is being processed
(aka. a ServerPac non-z/OS Product electronic order is not being processed)) then:
- A Process CB Mfg. HFS Root File Request message will be created and
PUT on the queue specified
by the value of the Queue Manager name parm (QMGR) and
Remote Process CB Mfg. HFS Root File Cleanup Request Queue Name parm
(REM_CBHFSPR_CL_REQ_QNAME) in the
Perform CB Electronic Order Final Processing Configuration File (CTL)
The Message Application data portion of the message
will consist of XML tags and keywords and will be created using the XML Message Builder,
$XMLBM - XML Build Metadata Message, which is a REXX include.
The following lists how the XML message elements and their corresponding attributes along with Saved Correlation ID
variable value are derived:
- deliverOrderRequest root element:
- OrderLineitemNum: The IESWORDLI field value from the previous select of the
CB Electronic Order Request Details Table (VCBELORD) .
- SuperUserAuth: The value of the Execute SUPERUSER UNIX Command parm (EXEC_SU_CMD) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- CBMfgHFSRootFile element:
- DirPathName attribute:
- The derived File System Directory Path name obtained from previous processing (see above).
- UnmountDeleteHFSDir attribute:
- The value of the
Execute unmount HFS file and remove directories UNIX commands parm (EX_UNMOUNT_RM_CMDS)
from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- MakeHFSDir attribute: 'N'
- MountHFSFile attribute: 'N'
- FileName element:
- The ~~CB Mfg HFS Root File Name~~ derived
file name of the CB Mfg. File System ROOT File for an Electronic Order
obtained from previous processing (see above).
- The key fields in the Message Description Control Data portion of the message will be:
- Message Type: Request
- Correlation ID (CID):
- Set the field value along with the value of the Saved Correlation ID to the following concatenated data:
-The ~~IESWORDLI~~ IMFGORD# field value from the previous select of the

CB Electronic Order Request Details Table (VCBELORD) CB Mfg. Order Table (VCBMORDER) .table
- Current Date and Time in the format YYYYMMDDHHMMSSUU
where YYYY = the current year, MM = the current month, DD = the current day and
HHMMSSUU = current time (HH = current hour, MM = current minute, SS = current second and
UU = current millisecond)
- Example: '-3H5542020103019562226'
so a filtered GET can be done for the reply message
which will also be used for the Saved Correlation ID variable .
- Reply to Queue (ReplyToQ): The Perform CB Electronic Order Final Processing Reply Queue
parm (CBELPFP_REP_QNAME) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- Reply to Queue Mgr (ReplyToQMgr): The Queue Manager name parm (CBQMGR) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- If the PUT is successful then:
- A waited filtered GET will be issued against the queue manager name specified by the
Queue Manager name parm (QMGR) and the Perform CB Electronic Order Final Processing Reply Queue
parm (CBELPFP_REP_QNAME) value from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
for the Process CB Mfg. HFS Root File Reply message using the
the Saved Correlation ID variable and the Reply Message Wait Time parm (MSGWAITINT) value
from the Perform CB Electronic Order Final Processing Configuration File (CTL)
(The message will consist of XML tags and keywords and will be parsed using the XML Message
Parser, $XMLPM - XML Parse Metadata Message, which is a REXX include):
- If the waited filtered GET IS successful based on the Reply Message Wait Time parm (MSGWAITINT) value
in the Perform CB Electronic Order Final Processing Configuration File (CTL) then:
- If the value of the compCode attribute from the message indicates the
Process CB Mfg. HFS Root File Request message WAS processed successfully by the
Process CB Mfg HFS Root File (CBHFSPR) process (= 0) then:
- The value of the Msg attribute from the message should be written to SYSPRINT
(should be just an informational message about the process completing successfully).
- The following informational message will be written to SYSPRINT:
- 'CBELPFPXXI: CB Mfg Remote HFS Root File Request successfully completed for
Order#/Line Item# xxxxxxxxxxxxxx and Correlation ID mmmmmmmmmmmmmmmmmmmmm
. Message received was: rrrrrrrrr'
where xxxxxxxxxxxxxx = the value of the OrderLineitemNum element from the
Process CB Mfg. HFS Root File Request message, and
mmmmmmmmmmmmmmmmmmmmm = Saved Correlation ID variable and
rrrrrrrrrrrr= the value of the Msg attribute (Msg) from the message.
- If the value of the compCode attribute from the message indicates the
Process CB Mfg. HFS Root File Request message WAS NOT processed successfully by the
Process CB Mfg HFS Root File (CBHFSPR) process (^= 0) then:

- See Common OMS Admin Notification message processing section below.
- The DynamicText and MemoBody line should be set to the following error messages and they should also be written to SYSPRINT:
~~- The value of the Msg attribute (Msg) from the message.~~
~~(should be a CBHFSPRXXE error message about the process not completing successfully).~~
- 'CBELPFPXXE: CBHFSPR processing did not complete successfully for the Process CB Mfg. HFS Root File Request message containing ~~ESW~~ Order/Line Item# xxxxxxxxxxxxxx and Correlation ID mmmmmm mmmmmmmmmmmmmmmm.
Message received was: rrrrrr'
where xxxxxxxxxxxxxx = the value of the OrderLineitemNum element from the Process CB Mfg. HFS Root File Request message and
mmmmmmmmmmmmmmmmmmmmmm = Saved Correlation ID variable and
rrrrrr = the value of the Msg attribute (Msg) from the message.
- The Electronic Order Request row will be bypassed.
- If the waited filtered GET is NOT successful based on the Reply Message Wait Time parm (MSGWAITINT) value in the Perform CB Electronic Order Final Processing Configuration File (CTL) (rc = 2033) then:
- See Common OMS Admin Notification message processing section below.
- The DynamicText and MemoBody line should be set to the following error message and it should also be written to SYSPRINT:
'CBELPFPXXE: No Process CB Mfg. HFS Root File Reply message received from CBHFSPR for ~~ESW~~ Order/Line Item# xxxxxxxxxxxxxx and Correlation ID mmmmmm mmmmmmmmmmmmmmmm'

where xxxxxxxxxxxxxx = the value of the OrderLineitemNum element from the Process CB Mfg. HFS Root File Request message and
mmmmmmmmmmmmmmmmmmmmmm = Saved Correlation ID variable
- The Electronic Order Request row will be bypassed.
- If the waited filtered GET is unsuccessful then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and MemoBody should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: Error trying to get message from xxxxxxxxxx for Order#/Line Item# yyyyyyyyyyyyyyyy and Correlation ID mmmmmmmmmmmmmmmmmmmmmm
where xxxxxxxxxx = value of the Perform CB Electronic Order Final Processing Reply Queue parm (CBELPFP_REP_QNAME) specified in the Perform CB Electronic Order Final Processing Configuration File (CTL) and
yyyyyyyyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD) and
mmmmmmmmmmmmmmmmmmmmmm = Saved Correlation ID variable
- The process will end with an error code of 12.
- If the PUT is unsuccessful then:
- See Common OMS Admin Notification message and Error processing section below.

- The DynamicText and MemoBody should be set to the following error message and
it should also be written to SYSPRINT:
CBELPFPXXE: Error trying to put message to xxxxxxxxxx for Order#/Line Item# yyyyyyyyyyyyyyyy
where xxxxxxxxxx = value of the Remote Process CB Mfg. HFS Root File Cleanup Request Queue
Name parm (REM_CBHFSPR_CL_REQ_QNAME) specified in the
Perform CB Electronic Order Final Processing Configuration File (CTL) and
yyyyyyyyyyyyyyyy = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)
- The process will end with an error code of 12.

- If the value of the ~~new~~ Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
in the CB Mfg. File System ROOT File for an Electronic Order = 'N' then
(aka. The removing of the path to the main directory and unmounting of the
CB Mfg. File System ROOT File for an Electronic Order and removing
the path to the main directory for the CB Electronic order being processed
needs to happen on the system eFactory is running on which IS the system this process is running on)
and (a CBPDO or CustomPac or ServerPac z/OS Product or COD electronic order
is being processed
(aka. a ServerPac non-z/OS Product electronic order is not being processed)) then:
- If the Execute unmount HFS file and remove directories UNIX commands parm
(EX_UNMOUNT_RM_CMDS) value
from the Perform CB Electronic Order Final Processing Configuration File (CTL) = 'Y' then:
- The Unmount HFS File routine (unmountHFSfile which is part of the EF$UNIX include)
will be called to unmount the derived File System name of the
CB Mfg. File System ROOT File for an Electronic Order.
The following parms will be passed:
- Derived File System name of the CB Mfg. File System ROOT File for an Electronic Order
(see above for details)
- The value of the Execute SUPERUSER UNIX Command parm (EXEC_SU_CMD) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- No need to check the return code since there is a possibility that the
CB Mfg. File System ROOT File for an Electronic Order may not be mounted due to a
System IPL which could
have unmounted CB Mfg. File System ROOT File for an Electronic Order.
- The Delete Unix Directories and Files routine
(deleteAllLocUnixDir which is part of the EF$UNIX include)
will be called to remove the files and directories associated with the
CB Mfg. File System ROOT File for an Electronic Order. The following parms will be passed:
- Derived File System name of the directory path (see above for details)
- The value of the Execute SUPERUSER UNIX Command parm (EXEC_SU_CMD) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- If the return code from the call to the Delete Unix Directories and Files routine

(deleteAllLocUnixDir which is part of the EF$UNIX include) ^= 0 then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The **DynamicText and Memo Body** should be set to the following error message and it should also be written to **SYSPRINT:**

CBELPFPXXE: deleteAllLocUnixDir ROUTINE DID NOT COMPLETE SUCCESSFULLY FOR ORDER#/LINE ITEM# xxxxxxxxxx and DIRECTORY PATH yyyyyy

where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD) and

yyyyyy = the name of the directory path (see above for details)

- **NOTE:** The **SYSPRINT** log messages from the **Delete Unix Directories and Files routine (deleteAllLocUnixDir which is part of the EF$UNIX include)** will contain further error details.
- The Electronic Order Request row will be bypassed.

- NOTE:The following process was moved to be performed at the end of processing:
- If ((a CBPDO OR ServerPac electronic order is being processed) AND (the value of the Call CPPSTAT for CBPDO and ServerPac Electronic Orders parm (CALL_CPPSTAT_CBPDO_SPAC_ORDS) in the Perform CB Electronic Order Final Processing Configuration File (CTL) indicates the CPPSTAT program should be called (= 'Y')) OR ((a CustomPac order is being processed) AND (the value of the Call CPPSTAT for CustomPac Electronic Orders parm (CALL_CPPSTAT_CPAC_ORDS) in the Perform CB Electronic Order Final Processing Configuration File (CTL) indicates the CPPSTAT program should be called (= 'Y')) then:
  - Perform the Call the Set Status to Next in CB Mfg. routine.
- If the Electronic Order Request row being processed was NOT bypassed then:
- A CB electronic order item record will be created in the CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM) .

The following lists the fields and how their corresponding values are derived:

- **ESW Sales Order# (IESWORDER)**:
  - IESWORDER field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- **ESW Line Item# (IESWLITEM):**
  - IESWLITEM field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- **CB Mfg. Order# (IMFGORD#):**
  - The IMFGORD# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- **CB Mfg. Run# (IMFGRUN#):**
  - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER) .
- **Item Number Reference (CITEMREF):**
  - The CITEMREF field value obtained from the previous select

of the CB Electronic Order Request Details Table (VCBELORD).
- Electronic Item Descrption (NITMNAME):
- Electronic Order Item Description parm (ELEC_ORD_ITEM_DESC)
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Media Type (IMEDTYPE):
- The IMEDTYPE field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- Maximum Megabytes Threshold (QMAXMBTHLD):
- '99999'
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO SELECT FROM VCBMSTAT FOR
ORDER#: xxxxxxxxxx, LINE ITEM# yyyyyy
where xxxxxxxxxx = the IESWORDER field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER)
yyyyyy = IESWLITEM field value obtained from
the previous select of the CB Mfg. Order Table (VCBMORDER)
- Total Megabyte Count Before GIMZIP (QUNZIPMB):
- If a CBPDO or CustomPac or ServerPac z/OS Product Dialog Installable electronic order
is being processed (aka. a ServerPac non-z/OS Product electronic order is not being processed)
then:
- Allocate the CB Mfg ZIPDATA File using the following concatenated data for the dataset name:
- If a CBPDO electronic order is being processed then:
- The value of the CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ_PDO) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- If a ServerPac electronic order is being processed then:
- The value of the CB Mfg Dataset high level qualifier for ServerPac and COD orders parm (CBMFG_DS_HLQ_SPAC_COD)
from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- If a CustomPac electronic order is being processed then:
- The value of the CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC) from the
Perform CB Electronic Order Final Processing Configuration File (CTL)
- '.'
- The IMFGRUN# field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER)
- '.'
- The value of the CB Mfg ZIPDATA Dataset low level qualifier parm (CBMFG_ZIPDAT_DS_LLQ)
from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- examples: 'CSP.OSP12345.ZIPDATA' or 'SRVPACP.OS161234.ZIPDATA' or
CUSPACP.CA180099.ZIPDATA'

- If the CB Mfg ZIPDATA File can not be allocated successfully then:
  - See **Common OMS Admin Notification message and Error processing** section below.
  - The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:
    CBELPFPXXE: CB MFG ZIPDATA FILE, xxxxxxxx, COULD NOT BE ALLOCATED
    FOR ORDER#/LINE ITEM# yyyyyyyyyy
    where xxxxxxxxxx = the CB Mfg ZIPDATA File name and
    yyyyyyyyyy = the IESWORDLI field value obtained from the previous select
    of the CB Electronic Order Request Details Table (VCBELORD)
  - The Electronic Order Request row will be bypassed.
- If the CB Mfg ZIPDATA File **can be allocated** successfully then:
  - If a CBPDO electronic order is being processed then:
    - The value of the first **'originalsize='** line after the **'<PKGDEF'** line **and before the 1st '<ARCHDEF' line**,
      not including the beginning and ending double ticks (") divided by 1,048,576 rounded
      up or down depending on the value.
    (ex: if line is 'originalsize="829285920" ', then the QUNZIPMB field value would be '00791')
      If the megabyte count comes out to less than 1, then the QUNZIPMB value should be set to '00001'.
- If a ServerPac **z/OS Product** or CustomPac electronic order is being processed then:
- Allocate the CB Mfg. ZIPDCONT File using the following concatenated data for the dataset name:
  - If a ServerPac electronic order is being processed then:
    - The value of the **CB Mfg Dataset high level qualifier for ServerPac** and COD **orders parm (CBMFG_DS_HLQ_SPAC** _COD**)**
      from the Perform CB Electronic Order Final Processing Configuration File (CTL).
  - If a CustomPac electronic order is being processed then:
    - The value of the **CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC)** from the
      Perform CB Electronic Order Final Processing Configuration File (CTL)
  - '.'
  - The IMFGRUN# field value obtained from the previous select of the
    CB Mfg. Order Table (VCBMORDER) .
  - '.'
  - The value of the **CB Mfg ZIPDCONT Dataset low level qualifier parm (CBMFG_ZIPDCNT_DS_LLQ)**
    from the Perform CB Electronic Order Final Processing Configuration File (CTL) .
  - **examples:** 'SRVPACP.OS161234.ZIPDCONT' or CUSPACP.CA180099.ZIPDCONT'
  - If the CB Mfg. ZIPDCONT File **can not be allocated successfully** then:
- See **Common OMS Admin Notification message and Error processing** section below.
  - The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT**:
    CBELPFPXXE: CB MFG ZIPDCONT FILE, xxxxxxxx, COULD NOT BE ALLOCATED
    FOR ORDER#/LINE ITEM# yyyyyyyyyy
    where xxxxxxxxxx = the CB Mfg. ZIPDCONT File name and
    yyyyyyyyyy = the IESWORDLI field value obtained from the previous select
    of the CB Electronic Order Request Details Table (VCBELORD)
  - The Electronic Order Request row will be bypassed.
  - If the CB Mfg. ZIPDCONT File can be allocated successfully then:

- If a ServerPac z/OS Product Dialog Installable or CustomPac electronic order is being processed then:
- The sum of the following divided by 1,048,576 and rounded up or down depending on the total value:
- The value of the first **'originalsize='** line after the **'<PKGDEF'** line **and before the 1st '<ARCHDEF' line**, not including the beginning and ending double ticks (") from the CB Mfg ZIPDATA File
- The value of the first **'originalsize='** line after the **'<PKGDEF'** line, not including the beginning and ending double ticks (") from the CB Mfg. ZIPDCONT File .
- If a ServerPac z/OS Product z/OSMF Installable electronic order is being processed then:
- The value of the first 'originalsize=' line after the '<PKGDEF' line, divided by 1,048,576 and rounded up or down depending on the total value, not including the beginning and ending double ticks (") from the CB Mfg. ZIPDCONT File .
- If a COD electronic order is being processed then:
- The value of the Total Megabyte Count variable will be obtained after performing the Calculate the Megabyte Count for a COD Electronic Order routine
- If a ServerPac non-z/OS Product electronic order is being processed then:
- '00001'

- **Total Megabyte Count After GIMZIP (QZIPMB):**
- If a CBPDO electronic order is being processed then:
- The value of the first **'size='** line after the **'<PKGDEF'** line **and before the 1st '<ARCHDEF' line** not including the beginning and ending double ticks (") divided by 1,048,576 rounded up or down depending on the value from the CB Mfg ZIPDATA File .
(ex: if line is 'size="150165984" ', then the QZIPMB field value would be '00142').
If the megabyte count comes out to less than 1, then the QZIPMB value should be set to '00001'.
- If a ServerPac z/OS Product Dialog Installable or CustomPac electronic order is being processed then:
- The sum of the following divided by 1,048,576 and rounded up or down depending on the total value:
- The value of the first **'size='** 'line after the **'<PKGDEF'** line **and before the 1st '<ARCHDEF' line** not including the beginning and ending double ticks (") from the CB Mfg ZIPDATA File .
- The value of the first **'size='** 'line after the **'<PKGDEF'** line **and before the 1st '<ARCHDEF' line** not including the beginning and ending double ticks (") from the CB Mfg. ZIPDCONT File .
- If a ServerPac z/OS Product z/OSMF Installable electronic order is being processed then:
- The value of the first 'size=' 'line after the '<PKGDEF' line and before the 1st '<ARCHDEF' line, divided by 1,048,576 and rounded up or down depending on the total value, not including the beginning and ending double ticks (") from the CB Mfg. ZIPDCONT File .
- If a COD electronic order is being processed then:
- The value of the Total Megabyte Count variable
- If a ServerPac non-z/OS Product electronic order is being processed then:
- '00001'

- **NOTES:**
- If the ~~'<PKGDEF' line,~~ only **'originalsize='** line and/or 1st **'size='** line are missing from the CB Mfg ZIPDATA File then:
- See **Common OMS Admin Notification message and Error processing** section below.

- The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPPFPXXE: CB MFG ZIPDATA FILE MISSING REQUIRED nnnnnnnn linex
FOR ORDER#/LINE ITEM# yyyyyyyyyy
where nnnnnnnn = ALL the missing keyword line words (~~'<PKGDEF',~~ **'originalsize='**, or **'size='** separated by a ', ' if more than 1) and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD) and
x = blank if nnnnnnnn is only 1 keyword OR 's' if nnnnnnnn is more than 1 keyword
- The CB Electronic Order Request row will be bypassed.
- Examples:
- If the only 'originalsize=' line is missing from the CB Mfg ZIPDATA File then the error message would be:
CBELPPFPXXE: CB MFG ZIPDATA FILE MISSING REQUIRED originalsize line
FOR ORDER#/LINE ITEM# yyyyyyyyyy
- If the only 'originalsize=' line, and 1st 'size=' lines are missing from the CB Mfg ZIPDATA File then the error message would be:
CBELPPFPXXE: CB MFG ZIPDATA FILE MISSING REQUIRED size, originalsize lines
FOR ORDER#/LINE ITEM# yyyyyyyyyy
- If the ~~'<PKGDEF' line,~~ only **'originalsize=' line** and/or 1st **'size='** lines are missing from the CB Mfg. ZIPDCONT File then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The **DynamicText** and **Memo Body** should be set to the following error message and it should also be written to **SYSPRINT**:
and it should also be written to **SYSPRINT:**
CBELPPFPXXE: CB MFG ZIPDCONT FILE MISSING REQUIRED nnnnnnnn linex
FOR ORDER#/LINE ITEM# yyyyyyyyyy
where nnnnnnnn = ALL the missing keyword line words (~~'<PKGDEF',~~ **'originalsize='**, or **'size='**) separated by a ', ' if more than 1) and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD) and
x = blank if nnnnnnnn is only 1 keyword OR 's' if nnnnnnnn is more than 1 keyword
- The CB Electronic Order Request row will be bypassed.
- Examples:
- If the only 'originalsize=' line is missing from the CB Mfg. ZIPDCONT File then the error message would be:
CBELPPFPXXE: CB MFG ZIPDCONT FILE MISSING REQUIRED originalsize line
FOR ORDER#/LINE ITEM# yyyyyyyyyy
- If the only 'originalsize=' line, and 1st 'size=' lines are missing from the CB Mfg ZIPDATA File then the error message would be:
CBELPPFPXXE: CB MFG ZIPDCONT FILE MISSING REQUIRED size, originalsize lines
FOR ORDER#/LINE ITEM# yyyyyyyyyy
- An order status record will be created in the CB Mfg. Order Status Table Insert Records File (STAT) .
The following lists the fields and how their corresponding values are derived:
- ESW Sales Order# (IESWORDER):
- IESWORDER field value obtained from the previous select

of the CB Mfg. Order Table (VCBMORDER).
- ESW Line Item# (IESWLITEM):
- IESWLITEM field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- CB Mfg. Order# (IMFGORD#):
- The IMFGORD# field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- CB Mfg. Run# (IMFGRUN#):
- The IMFGRUN# field value obtained from the previous select
of the CB Mfg. Order Table (VCBMORDER).
- Order Status (ISTATUS):
- eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Status Remark (TREMARK):
- Electronic Order Status Remark parm (ELEC_ORD_REMARK):
value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- Timestamp for date/time status record created (TSSTAT):
- Current Date and time in the DB2 timestamp format of yyyy-mm-dd-hh-mm-ss.uuuuuu.
- Note: REXX include CBMDYT will be used to obtain a DB2 timestamp value).
- Name of Program reporting status (NPRGREP):
- The name of this program, 'CBELPFP'
- The ISTATUS column/field of the
CB Electronic Order Request Details Table (VCBELORD) row selected
will be updated with the latest status
{UPDATE VCBELORD
SET ISTATUS = the value of the CB Electronic Order Request Complete Status parm (CBCM_STATUS)
in the Perform CB Electronic Order Final Processing Configuration File (CTL)
TSCHG = CURRENT TIMESTAMP,
NCHGBY = 'CBELPFP'
WHERE
IESWORDLI = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)}:
- If the row is not found for update (sqlcode = 100) then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: DB2 ROW NOT FOUND IN VCBELORD FOR UPDATE FOR
ORDER#/LINE ITEM# xxxxxxxxxx
where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
of the CB Electronic Order Request Details Table (VCBELORD)
- The process will end with an error code of 12.
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:

- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO UPDATE VCBELORD FOR
ORDER#/LINE ITEM# xxxxxxxxxx
where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
of the **CB Electronic Order Request Details Table (VCBELORD)**
- The process will end with an error code of 12.
- If the row **is updated successfully** (sqlcode = 0) then:
- If ((a CBPDO OR ServerPac electronic order is being processed) AND
(the value of the Call CPPSTAT for CBPDO and ServerPac and COD Electronic Orders
parm (CALL_CPPSTAT_CBPDO_SPAC_COD_ORDS) in the
Perform **Perform CB Electronic Order Final Processing Configuration File (CTL)** indicates the CPPSTAT
program should be called (= 'Y')) OR
((a CustomPac order is being processed) AND (the value of the
Call CPPSTAT for CustomPac Electronic Orders parm (CALL_CPPSTAT_CPAC_ORDS)
in the **Perform CB Electronic Order Final Processing Configuration File (CTL)** indicates the
CPPSTAT program should be called (= 'Y')) then:
- Perform the Call the Set Status to Next in CB Mfg. routine.
- If the value of the
Send CB EOS Processing Completed Email parm (SEND_CBEOS_COMPL_EMAIL) in the
Perform CB Electronic Order Final Processing Configuration File (CTL)
= 'Y' (A CB EOS Completed email message should be sent) then:
- **Perform the Create and Send CB EOS Processing Completed Email routine**
- If the Electronic Order Request row **does not exist** (sqlcode = 100) then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPFPXXE: DB2 ROW NOT FOUND IN VCBMORDER FOR ORDER#/LINE ITEM# xxxxxxxxxx
where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
of the **CB Electronic Order Request Details Table (VCBELORD)**
- The CB Electronic Order Request row will be bypassed.
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:
CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO SELECT FROM VCBMORDER FOR
ORDER#/LINE ITEM# xxxxxxxxxx
where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
of the **CB Electronic Order Request Details Table (VCBELORD)**
- The process will end with an error code of 12.
- If a DB2 error occurs (sqlcode ^=0 or sqlcode ^=100) then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to **SYSPRINT**:

CBELPFPXXE: DB2 ERROR OCCURRED TRYING TO SELECT FROM VCBELORD
- The process will end with an error code of 12.
- If no CB Electronic Order Request rows are selected (sqlcode = 100) then:
- The following warning message should be be written to **SYSPRINT**:
CBELPFPXXW: NO DB2 ROWS FOUND IN VCBELORD WITH AN ISTATUS FIELD VALUE OF sssss
where sssss = **eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)**
value from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- The process will end with a return code of 4.

- If the Initialization processing **is not successful** then:
- See **Common OMS Admin Notification message and Error processing** section below.
- The DynamicText and Memo Body line should also bet set to 'CBELPFPXXE: Initialization error occurred' and it should also be written to **SYSPRINT**.
- The process will end with an error code of 12.

- **Perform CB Electronic Order Final Processing Summary Report :**
totals will be kept for the following:
- NUMBER OF ROWS SELECTED FROM THE CBELORD TABLE
- NUMBER OF ROWS SELECTED FROM THE CBMORDER TABLE
- NUMBER OF CB MFG ELEC ORDER ITEM DETAILS TABLE INSERT RECORDS CREATED
- NUMBER OF CB MFG ORDER STATUS TABLE INSERT RECORDS CREATED
- NUMBER OF ROWS UPDATED IN THE CBELORD TABLE

- If no CB Electronic Order Request rows (most of the time there should only be 1 row to select) selected from the CB Electronic Order Request Details Table (VCBELORD) were processed successfully due to errors then:
- The process will end with an error code of 12.
- If all CB Electronic Order Request rows (most of the time there should only be 1 row to select) selected from the CB Electronic Order Request Details Table (VCBELORD) were processed successfully then:
- The process will end with a return code of 0.
- If 1 CB Electronic Order Request row (most of the time there should only be 1 row to select) selected from the CB Electronic Order Request Details Table (VCBELORD) was bypassed due to non-severe processing errors and at least 1 CB Electronic Order Request row was processed successfully then:
- The process will end with a return code of 4.
- A list of the orders **(1 line/message per order)** that are bypassed will be written to **SYSPRINT**.
- If the Set Status to Next in CB Mfg (CB$SNXT) process was previously called **AND** processing was not successful (return code from call to routine ^= 0) then:
- The process will end with a return code of 4.

- **Create and Send CB EOS Processing Completed Email routine:**
  - **NOTE:** The processing below was moved here from above and now needs to be done after all other processing has completed. Also some changes were also made.
  - See **Common E-mail Notification File Processing** section which will deal with the processing of the **Perform CB Electronic Order Final Processing 'eFactory Complete' Notification File (EFCNTFY)**.
  - An **OMS Admin Notification MQ Series message** will be created (OMSBM - Build OMS Mesage, REXX include) and put on the queue manager name specified by the **Queue Manager name parm (QMGR)** and the queue name specified by the **OMS Admin Queue Name parm (OMSADMINQNAME)** in the Perform CB Electronic Order Final Processing Configuration File (CTL) using the **OMS Codepage (OMS_CODEPAGE) parm** from the Perform CB Electronic Order Final Processing Configuration File (CTL) to populate the MQ Coded Character Set Identifier (CCSI) parameter.
    The message will be used by the **OMS Process Admin Notification Msgs process** to send out a **CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification**.
    The Message Application Data portion for the **OMS Admin Notification message** (document contains format and syntax of the message which will not be detailed below) will be:
    Application: 'CB'
    AdminMsgNo: '4106'
    ProgramName: 'CBELPFP'
    DynamicText: 'eFactory processing complete for Order#: ooooooooo, Line Item#: llllll, CB Mfg. Order#: cccccc'
    MemoTargets: **Internal E-mail Notification List**
    MemoSubject: eFactory and CB EOS processing complete for CB electronic order
    MemoBody:
    eFactory and CB EOS processing have completed for Order#: ooooooooo, Line Item#: llllll, CB Mfg. Order#: cccccc, CB Mfg. Run#: rrrrrrrr. ssssssssss to complete the CB Mfg. processing for the CB electronic order.
    where ooooooooo = the IESWORDER field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    llllll = IESWLITEM field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    cccccc = IMFGORD# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    rrrrrrrr = IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    ssssssssss = 'Please run the remaining CB Mfg. jobs' if (the Set Status to Next in CB Mfg (CB$SNXT) process was previously called **AND** processing was not successful) OR (the Set Status to Next in CB Mfg (CB$SNXT) process was not previously called)) **OR** 'The remaining CB Mfg. jobs will be run' if

(the Set Status to Next in CB Mfg (CB$SNXT) process was previously called **AND** the processing was successful)

Monospaced: 'Y'

- Common OMS Admin Notification message and Error processing:

- See **Common E-mail Notification File Processing** section which will deal with the processing of the **CB Electronic Order Support Error Notification File (ERRNTFY)**.
- An **OMS Admin Notification message** will be created (OMSBM - Build OMS Mesage, REXX include) and put on the queue manager name specified by the **Queue Manager name parm (QMGR)** and the queue name specified by the **OMS Admin Queue Name parm (OMSADMINQNAME)** in the Perform CB Electronic Order Final Processing Configuration File (CTL) using the **OMS Codepage (OMS_CODEPAGE) parm** from the Perform CB Electronic Order Final Processing Configuration File (CTL) to populate the MQ Coded Character Set Identifier (CCSI) parameter. The message will be used by the **OMS Process Admin Notification Msgs process** to send out a **Perform CB Electronic Order Final Processing (CBELPFP) process error e-mail notification**. The Message Application Data portion for the **OMS Admin Notification message** (document contains format and syntax of the message which will not be detailed below) will be:

Application: 'CB'
AdminMsgNo: '4105'
ProgramName: 'CBELPFP'
DynamicText: See processing above for DynamicText wording which will be different depending on the error that occurred.
MemoTargets: **Internal E-mail Notification List**
MemoSubject: 'Perform CB Electronic Order Final Processing (CBELPFP) process error occurred'
MemoBody: See processing above for MemoBody wording which will be different depending on the error that occurred.
Monospaced: 'Y'

- All DB2 SQL error messages should be written to **SYSPRINT** if a DB2 error is encountered.

- Common E-mail Notification File processing :

- Call the **Process E-Mail Notification File (CB$PREF) process** passing the following parms:
  - **E-Mail Notification File to Process** :
    - The name of the E-mail Notification File to be processed
      (**Perform CB Electronic Order Final Processing 'eFactory Complete' Notification File (EFCNTFY)**
      OR
      CB Electronic Order Support Error Notification File (ERRNTFY))
  - **E-Mail Id Character to Replace with @ Sign** :

- The value of the **Email Id Character to Find parm (EMAIL_ID_CHAR)** from the Perform CB Electronic Order Final Processing Configuration File (CTL)
- If the **Process E-Mail Notification File (CB$PREF) process** DOES NOT complete successfully (Return Code Parm returned back is not 0) then:
  - An error message will be written to **SYSPRINT**.
  - The process will end with a return code of 12.
- If the **Process E-Mail Notification File (CB$PREF) process** DOES complete successfully (Return Code Parm returned back is 0) then:
  - The **Internal E-mail Notification List parm** returned will be used for further OMS Message processing listed above.

- Set Status to Next in CB Mfg routine:
  - Call the Set Status to Next in CB Mfg (CB$SNXT) process
    (CB$SNXT REXX Include with routine name of Set_CBMfg_Status_to_Next)
    passing the following parms:
    - **CB Offering Type for Order to set Status to Next:**
      - The value of the CB Offering Type (ICBTYPE) field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    - **CB Mfg Run# for Order to set Status to Next:**
      - The value of the CB Mfg Run# (IMFGRUN#) field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
  - If the return code from the Set Status to Next in CB Mfg (CB$SNXT) process is NON-ZERO then:
    - The following warning message will be written to **SYSPRINT**:
      CBELPFPXXW: ERROR OCCURRED DURING CB$SNXT PROCESSING

- Calculate the Megabyte Count for a COD Electronic Order routine:
  - Allocate the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order using the following concatenated data for the dataset name:
    - The value of the CB Mfg Dataset high level qualifier for ServerPac and COD orders parm (CBMFG_DS_HLQ_SPAC_COD) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - '.'
    - The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)
    - '.'
    - The value of the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order Dataset low level qualifier parm (CBMFG_CODELCFL_DS_LLQ) from the Perform CB Electronic Order Final Processing Configuration File (CTL)
    - example: 'SRVPACP.OS243456.CODELCFL'
  - If the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order can not be allocated successfully then:
    - See Common OMS Admin Notification message and Error processing section below.
    - The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:

CBELPFPXXE: CB MFG CODELCFL FILE xxxxxxxx COULD NOT BE ALLOCATED FOR ORDER#/LINE ITEM# yyyyyyyyyy
where xxxxxxxxxx = CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order name
and yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD)

- The Electronic Order Request row will be bypassed.

- If the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order can be allocated successfully then:
- If the records in CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order can not be read then:
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: ERROR READING FROM xxxxxxxx FOR ORDER#/LINE ITEM# yyyyyyyyyy
where xxxxxxxxxx = CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order name
and yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD)
- The Electronic Order Request row will be bypassed.
- If the records in CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order can be read then:
- The XML records in the CB Mfg. List of Files Contained in DVD Directory of CB Mfg. File System ROOT File for a COD DVD Order will be parsed using the XML Message Parser,
(The file will consist of XML tags and keywords and will be parsed using the XML Message Parser,
$XMLPM - XML Parse Metadata Message, which is a REXX include):
- For each FILE element, the corresponding size attribute value will be added to the Total Byte Count variable
- The Total Megabyte Count variable will be set to the Total Byte Count variable divided by 1,048,576 and rounded up or down depending on the total value
- If no FILE element records were found in the file then:
~~- The Total Megabyte Count variable will be assigned the value of 6000~~
- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: NO FILE ELEMENT RECORDS WERE FOUND IN CB MFG CODELCFL FILE xxxxxxxx FOR ORDER#/LINE ITEM# yyyyyyyyyy ~~, DEFAULT VALUE (6000) WILL BE USED.~~
where xxxxxxxx = CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order name and yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD)
- The Electronic Order Request row will be bypassed.
- If no FILE element size attribute records were found in the file then:

- See Common OMS Admin Notification message and Error processing section below.
- The DynamicText and Memo Body should be set to the following error message and it should also be written to SYSPRINT:
CBELPFPXXE: NO FILE ELEMENT size ATTRIBUTE RECORDS FOUND IN xxxxxxxx FOR ORDER#/LINE ITEM# yyyyyyyyyy
where xxxxxxxx = CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order name and
yyyyyyyyyy = the IESWORDLI field value obtained from the previous select of the CB Electronic Order Request Details Table (VCBELORD)
- The Electronic Order Request row will be bypassed.

~~Determine CB Mfg. File System Root File Name for a CBPDO Electronic Order routine :~~
~~- Use the LISTC TSO command with the following concatenated data for the CB Mfg. File System ROOT File for an Electronic Order derived file name (see the Create CB Mfg. Order Tracking Table Insert Records from CB Order Action Server Control File (CBTRKIN) process for an example of how the LISTC command is used) to see if it exists (same hlq and mlq values as derived above and repeated here):~~
~~- The value of the CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ_PDO) from the Perform CB Electronic Order Final Processing Configuration File (CTL)~~
~~- '.'~~
~~- The IMFGRUN# field value obtained from the previous select of the CB Mfg. Order Table (VCBMORDER)~~
~~- '.'~~
~~- The first value/string contained in CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_PDO) from the Perform CB Electronic Order Final Processing Configuration File (CTL)~~
~~- If the file name exists in the Catalog (rc = 0 from LISTC command) then:~~
~~- The following informational message will be written to SYSPRINT :~~
~~'CBELPFPXXI: File name ffffff exists and will be used for the FileName element value in the Process CB Mfg. HFS Root File Request message~~
~~where ffffff = the value of the CB Mfg. File System ROOT File for an Electronic Order derived file name (see above)~~
~~- Set the value of the Determined CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier variable to the value of the first value/string contained in CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier parm (CBMFG_FSROOT_DS_LLQ_PDO) from the Perform CB Electronic Order Final Processing Configuration File (CTL) .~~
~~- If the file name does not exist in the Catalog (rc ^= 0 from LISTC command) then:~~
~~- The following warning message will be written to SYSPRINT :~~
~~'CBELPFPXXW: File name ffffff does not exist~~
~~where ffffff = the value of the CB Mfg. File System ROOT File for an Electronic Order derived file name (see above)~~

~~- The following informational message will be written to SYSPRINT :~~
~~'CBELPFPXXI: File name ffffff will be used for the FileName element value in the~~
~~Process CB Mfg. HFS Root File Request message~~
~~where ffffff = the following concatenated data for the~~
~~CB Mfg. File System ROOT File for an Electronic Order derived file name:~~
~~- The value of the~~
~~CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ_PDO) from the~~
~~Perform CB Electronic Order Final Processing Configuration File (CTL)~~
~~- '.'~~
~~- The IMFGRUN# field value obtained from the previous select of the CB Mfg . Order Table (VCBMORDER)~~
~~- '.'~~
~~- The value of the 2nd value/string contained in~~
~~CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier parm~~
~~(CBMFG_FSROOT_DS_LLQ_PDO) from the~~
~~Perform CB Electronic Order Final Processing Configuration File (CTL) .~~
~~- Set the value of the Determined CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier~~
~~variable to the value of the 2nd value/string contained in~~
~~CB Mfg. File System ROOT Dataset for CBPDO orders low level qualifier parm~~
~~(CBMFG_FSROOT_DS_LLQ_PDO) from the~~
~~Perform CB Electronic Order Final Processing Configuration File (CTL) .~~

See DFD Element Definitions section for inputs and output definitions.

CBELPFP Internal Design Doclink:

NOTES:

- If any unexpected or severe errors occur:
  - See **Common OMS Admin Notification message and Error processing** above.
  - The following wording will also be included in the DynamicText and MemoBody
    and **SYSPRINT**:
    FOR ORDER#/LINE ITEM# xxxxxxxxxx
    where xxxxxxxxxx = the IESWORDLI field value obtained from the previous select
    of the CB Electronic Order Request Details Table (VCBELORD)
  IF the select from the table has already been done.
  - The process will write an an error message to **SYSPRINT** and end with a non-zero return code of 12

- This design was influenced by information contained in the following documents:
  - SIPS Poughkeepsie Electronic CBPDO FPS
  - SIPS Poughkeepsie Electronic CBPDO HLD
  - CB EOS Use Case doc for eServerPac R1

- CB Technical Solution Definition for eServerPac R1
- CB Manufacturing Functional Specification for eServerPac R1
- Proposed Solution Overview section of the CB AA CB EOS sizing for WI# 11202 (MMC 3.0-CB Project)
- WI# 11202 Updated CB Technical Solution Definition Doc for CB electronic order processing
- WI# 11202 CB Detailed Solution Document for Free Action Server
- CustomPac eDelivery Process support for FEE offerings Functional Specification
- WI# 11475 Updated CB Technical Solution Definition Doc for CB electronic order processing
- Secured Transport Phase 6 Solution doc
- Section 3.3.5, 3.3.7, and Appendix File details for V2R3 Standalone Products Support in ServerPac Solution doc to reference at Planning Poker Mtg on 06/07 doc

- 3.1 Operational View of the Component Architecture, 3.3.5 CB Electronic Order Support (CB EOS), and Appendix section details in the CB OPS, CB DOS, Action Server, and Appendix section details for the V2R4 ServerPac as a Portable Software Instance Solution doc and to reference at Sprint/User Story Review/Planning Poker Meetings doc

- Sections 3.1 Operational View of the Component Architecture,3.3.5 CB Electronic Order Support (CB EOS), and related Appendix A sections 5.4 - 5.5 and 5.11 of the CB OPS, CB EOS, Action Server, and Appendix section details for the COD Electronic Delivery and 4Q 2019 Updates Solution doc and to reference at Sprint 1 User Story Review/Planning Poker Meeting doc

- CB OPS, CB EOS, Action Server, and Appendix section details for V2R5 z/OS ServerPac as a Portable Software Instance Solution doc and High Level Solution in support of Epics CB-9496 and CB-13842 doc

- The CBELPFP Code will take advantage of the following REXX common includes/modules:
  - $CFG - Cfg file module
  - $LOG - Create SDF Log entry
  - $MQI - MQ Series Rexx Functions
  - CBMDYT - Obtain Current System Timestamp
  - **$DBICB (RXSQL Interface Functions)**
  - OMSBM - OMS Message Builder (for OMS Admin Message)
  - EF$UNIX - To perform UNIX commands
  - CB$SNXT - Set Status to Next in CB Mfg

- The UNIX command parms should only be set to 'Y' if running testing under OPC or under the CB AA userid since the OPC userid (BTOPROD for PIDA and TESTAPP under PIDB) and CB AA userids will be provided SUPERUSER authority and should have OMVS segments defined by the SDF IGS Systems Programmer.

Barbara Urling/Boulder/IBM
12/02/2005 07:07 AM

To Dennis Barron/Boulder/IBM

cc Benjamin Hamilton/Boulder/IBM@IBMUS, Diana Meyer/Boulder/IBM@IBMUS, Edward Ghiazza Jr/Boulder/IBM@IBMUS

Subject Re: Status of pr# 26016303

I got 2 success notes with the following. Did this at 07:00 Friday 12/2/05.

OWNERS NAME ---------- Urling, B.J. (Barbara)
REQUESTED BY ---------- URLING
REQUESTOR NODE ---------- BLDVMB
TARGET NODE ---------- BLDISDMA
SUBJECT USERID ---------- BTOPROD

The above MVS update has completed with the following results:

Unix System Services access has been added to BTOPROD on BLDISDMA.

OWNERS NAME ---------- Urling, B.J. (Barbara)
REQUESTED BY ---------- URLING
REQUESTOR NODE ---------- BLDVMB
TARGET NODE ---------- BLDISDMA
SUBJECT USERID ---------- TESTAPP

The above MVS update has completed with the following results:

Unix System Services access has been added to TESTAPP on BLDISDMA.

Barbara Urling
OPC Batch & Availability Management
IBM, Software Delivery & Fulfillment
Phone: (303) 924-9019, T/L 263-9019
Dennis Barron/Boulder/IBM

Dennis Barron/Boulder/IBM
11/30/2005 10:20 AM

To Barbara Urling/Boulder/IBM

cc Benjamin Hamilton/Boulder/IBM@IBMUS, Diana Meyer/Boulder/IBM@IBMUS, Edward Ghiazza Jr/Boulder/IBM@IBMUS
Subject Re: Status of pr# 26016303

Hello Barb.

Because you are the registered owner of the BTOPROD and TESTAPP userids on PIDA I would like you to request UNIX System Services for both userids on Friday. The problem is described in Manage Now record 26016303.

The CLAS options to go through, once for each userid on BLDISDMA , are:

2. User ID Options Menu (Adds, Deletes, Transfers, Accounting, ...)
Then
9. Display Additional User ID Update Options (Shared IDs, etc.)
Then
User ID . . . . . _____
System . . . . . _____ +
Then
/ Unix System Services
Then
1 1. Add Unix System Services access to BTOPROD

Thanks.

Dennis Barron
MVS Support SDF WWD NAD
8-347-2808
(303) 924-2808
Mark Svaldi

Mark Svaldi
11/30/2005 09:15 AM

To: Dennis Barron/Boulder/IBM@IBMUS
cc: Benjamin Hamilton/Boulder/IBM@IBMUS, Diana Meyer/Boulder/IBM@ibmus, Edward Ghiazza Jr/Boulder/IBM@IBMUS
From: Mark Svaldi/Seattle/IBM@IBMUS
Subject: Re: Status of pr# 26016303

Hello Dennis,

.cc et al

It would be ok for these accounts to have an OMVS segment.

The OMVS segment restriction is for accounts with non-expiring passwords. An account is considered to be "logonable" if it has an OMVS segment because it has access to Unix System Services, rlogon, telnet.....etc. Accounts that are "logonable" must have expiring passwords or be assigned the "protected" attribute.

Thanks, Mark

Mark A. Svaldi
IBM Global Services - Logical Security
Identity and Access Management - z/OS
(206) 345 - 7077
e-mail: msvaldi@us.ibm.com
Dennis Barron

Dennis Barron
11/30/2005 05:47 AM

To: Edward Ghiazza Jr/Boulder/IBM@IBMUS
cc: Benjamin Hamilton/Boulder/IBM@IBMUS, Diana Meyer/Boulder/IBM, Mark Svaldi/Seattle/IBM
From: Dennis Barron/Boulder/IBM@IBMUS
Subject: Re: Status of pr# 26016303

Hello Ed.

The production ID's TESTAPP and BTOPROD do not have OMVS segments as your TSO id has. Each userid has a 90 day password interval so maybe it would be alright to request OMVS segments (through CLAS) for them. I have included Mark Svaldi to get his recommendations.

Dennis Barron
MVS Support SDF WWD NAD
8-347-2808
(303) 924-2808
Edward Ghiazza Jr

Edward Ghiazza Jr
11/29/2005 01:04 PM

To: Dennis Barron/Boulder/IBM@IBMUS
cc: Diana Meyer/Boulder/IBM, Benjamin Hamilton/Boulder/IBM
Subject: Status of pr# 26016303

Dennis:
I have upgraded the problem to a SEV 2 and updated it to note that it also caused pr# 26170813.

Okay, I believe I have narrowed this down further to what is happening.
When I run a job TCBUNIX under my EJG userid that runs the same REXX Code as is being run under OPC (TESTAPP userid for the TCBELPFP job and BTOPROD userid for the CBELPFP job) the BPXBATCH command runs successfully and the appropriate CBELECP and CBELECT directories are deleted as shown below:

```
UNIXCMDS000I: Starting UNIXCMDS
UNIXCMDS000I: Starting OS/390 UNIX SERVICES:Unmount HFS File
UNIXCMDS000E: SUPERUSER authority has been successfuly set
UNIXCMDS000I: unmount successful for: CSPR.OTP30763.HFS.ROOT
UNIXCMDS000I: Ending OS/390 UNIX SERVICES
UNIXCMDS000I: Starting OS/390 UNIX SERVICES:DELETE ALL BELOW SPECIFIED DIR
UNIXCMDS000E: SUPERUSER authority has been successfuly set
UNIXCMDS000I: Starting OS/390 UNIX SERVICES:Determine Unix Access
UNIXCMDS000E: SUPERUSER authority has been successfuly set
UNIXCMDS099E: Error occurred during UNIX SERVICES. rc= 0 Retval=-1 ERRNO=81
UNIXCMDS099E: UNIX command error:ENOENT - No such file or directory exists.
UNIXCMDS000I: Ending OS/390 UNIX SERVICES
UNIXCMDS000I: rm - fr successful for: /CBELECT/OTP30763
UNIXCMDS000I: Ending OS/390 UNIX SERVICES
UNIXCMDS099I: UNIXCMDS terminated with rc=0
```

So there is an issue in OPC with the TESTAPP and BTOPROD userids trying to successfully run the BPXBATCH command. There has got to be some sort of difference in OMVS authorities between my EJG userid and the TESTAPP and BTOPROD OPC userids which causes the BPXBATCH command to fail.

Thanks
BCS AS Boulder z/OS CB Offerings IT Architect for SDF
INTERNET ID: GHIAZZA@US.IBM.COM, T/L 263-3037, O/L 303-939-3037

----- Forwarded by Edward Ghiazza Jr/Boulder/IBM on 11/29/2005 12:32 PM -----

Diana Meyer/Boulder/IBM
11/15/2005 10:46 AM

To Edward Ghiazza Jr/Boulder/IBM@IBMUS
cc
Subject Re: Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Ed,

CBELPFP sends the cleanup email before executing deleteAllLocUnixDir.

Therefore, CB Mfg is receiving the 'eFactory complete' email message and are executing their cleanup job.

Diana L. Meyer
BCS AS Application Architect for SDF z/OS Customized Offerings
dianeke@us.ibm.com
(303) 924-6806
Edward Ghiazza Jr/Boulder/IBM

Edward Ghiazza Jr/Boulder/IBM
11/15/2005 09:22 AM

To Diana Meyer/Boulder/IBM
cc
Subject Re: Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Diana:
So what is happening from a PIDZ CB Mfg. point of view when they see this error. Are they going ahead and cleaning up the order on PIDZ? I believe then I am going to need to run the TCBUNIX job SDTSOR.UTFT.EXECJCL(UNIXTST) job manually to clean up the directory on PIDA.

Thanks
BCS AS Boulder z/OS CB Offerings IT Architect for SDF
INTERNET ID: GHIAZZA@US.IBM.COM, T/L 263-3037, O/L 303-939-3037

Diana Meyer/Boulder/IBM

Diana Meyer/Boulder/IBM
11/14/2005 05:07 PM

To Edward Ghiazza Jr/Boulder/IBM@IBMUS
cc
Subject Re: Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Ed,

I have created Problem 26016303 and turned assigned to Dennis Barron's group.

Diana L. Meyer
BCS AS Application Architect for SDF z/OS Customized Offerings
dianeke@us.ibm.com
(303) 924-6806
Edward Ghiazza Jr/Boulder/IBM

Edward Ghiazza Jr/Boulder/IBM
11/14/2005 04:45 PM

To Diana Meyer/Boulder/IBM
cc Benjamin Hamilton/Boulder/IBM
Subject Re: Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Diana:
I see the following error messages in the RMDS SYSPRINT for the CBELPFP job:
"BPXBATCH SH rm -fr "loc_unix_Dir
"BPXBATCH SH rm -fr /CBELECP/OSP81181"
UNIXerrorMsg = "Command:'BPXBATCH SH' failed. Return Code:"RC
"Command:'BPXBATCH SH' failed. Return Code:65280"
3610 *-* UNIXerrorMsg = "Command enterpreter error. RC="EFunix_rc", Retval", Err
No="EFunix_hxErrno"."
>>> "Command enterpreter error. RC=65280, Retval= 0, ErrNo=."

It doesn't look like it is a file permissions error. I don't know why the BPXBATCH command is failing all of a sudden.

Thanks
BCS AS Boulder z/OS CB Offerings IT Architect for SDF
INTERNET ID: GHIAZZA@US.IBM.COM, T/L 263-3037, O/L 303-939-3037

Diana Meyer/Boulder/IBM

Diana Meyer/Boulder/IBM
11/14/2005 11:33 AM

To Edward Ghiazza Jr/Boulder/IBM@IBMUS
cc Benjamin Hamilton/Boulder/IBM
Subject Re: Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Ed,

I looked at this on Friday.I stepped Andreas through some diagnostics. AS Level 2 created a ManageNow problem. I told Andreas that this was not needed since it was a severity 4. No orders are impacted, only file clean up is impacted.
The SYSPRINT shows that superuser authority is okay. I suspect a problem with file permissions for the /CBELECP or /OSP* directories.
I contacted Dennis. He does not know. I did ask him about getting a UNIX service ID so that I can investigate. He gave me the CLAS options information. I am waiting for my ID so I can go in and check.

In the meantime, Jeff S. is asking me to send him an email stating it is okay to delete the data.

Diana L. Meyer
BCS AS Application Architect for SDF z/OS Customized Offerings
dianeke@us.ibm.com
(303) 924-6806
Edward Ghiazza Jr/Boulder/IBM

Edward Ghiazza Jr/Boulder/IBM
11/14/2005 08:13 AM

To Diana Meyer/Boulder/IBM
cc
Subject Fw: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

Diana:
Did we find out what caused this error and the other CBELPFP errors.

Thanks
BCS AS Boulder z/OS CB Offerings IT Architect for SDF
INTERNET ID: GHIAZZA@US.IBM.COM, T/L 263-3037, O/L 303-939-3037

----- Forwarded by Edward Ghiazza Jr/Boulder/IBM on 11/14/2005 08:12 AM -----

To: Edward Ghiazza Jr/Boulder/IBM@IBMUS; Diana Meyer/Boulder/IBM@IBMUS; Aslev2/Boulder/Contr/IBM@IBMUS; BLDCPAC/Boulder/IBM@IBMUS; Andreas Egisto Orelli/Brazil/Contr/IBM@IBMBR; Antonio Welton de Almeida/Brazil/Contr/IBM@IBMBR
From: **Oms Client01/Boulder/IBM**
Subject: Perform CB Electronic Order Final Processing (CBELPFP) process error occurred

```
CBELPFP28E: deleteAllLocUnixDir routine did not complete successfully for Order#/Line Item#
2005074736/000010 and Directory path  /CBELECP/OSP81141
```

Note:
* Message Posted Time: 11/14/2005 8:07:59 AM GMT

- The CB SA added the following functions (in support of these changes) to the **EF$UNIX include** and tested them (see REXX EXEC UNIXCMDS in SCLMPROD.STAGING.EXEC):
  - **setSUPERUSERauth**
  - **mountHFSfile**
  - **unmountHFSfile**
- The CB SA also tested existed functions provided by the **EF$UNIX include** (see REXX EXEC UNIXCMDS in SCLMPROD.STAGING.EXEC) which will be used in support of these changes.
- The UNIX commands parms have been added to provide the flexibility for Boulder to be able to run these commands since the CB Mfg. HFS files will be created on PIDA/B/Z shared DASD and the associated file directories will be created on both PIDA/B and PIDZ. Copenhagen on the other hand may not want to run the UNIX commands since their CB Mfg. HFS files and associated HFS file directories will only be created on the system their CB Mfg. process runs on and they will want the CB Mfg. process to clean up the HFS files and associated file directories.
- The common OMS Message processing was influenced by the following docs:
  - **@Specification for OMS MQSeries Messages doc**
  - Notes regarding OMS message processing listed in the **BIM/MVS Item Info Server doc**.

PIDB CBELPFP Executing JCL:

- The following is the suggested JCL (minus comments and jobcard):

```
//S1         EXEC CBELPFP
```

PIDB CBELPFP PROC:

- The following is the suggested PROC (minus comment, and parm info)

```
//S1  EXEC PGM=IKJEFT01,DYNAMNBR=20
//STEPLIB DD DSN=&CBSOMAP..CPPSTAT.LOAD,DISP=SHR  <== LOAD library containing CPPSTAT
//SYSEXEC  DD DSN=&EXECLIB,DISP=SHR   <== where EXECLIB parm is set to 'SDPLMF.IU.CLIB'
//*
//CTL      DD DSN=&CBSOMAP..CTL.CFG(CBELPFP),DISP=SHR     <== CBSOMAP set to 'CBSOMAP'
//CTLN     DD DSN=&CBSOMAP..CTL.CFG(CB$SNXT),DISP=SHR
//ERRNTFY  DD DSN=&CBSOMAP..ELC.ERROR.EMAIL.NOTIFY,DISP=SHR  <== userids to send error email
//EFCNTFY  DD DSN=&CBSOMAP..ELC.EFCOM.EMAIL.NOTIFY,DISP=SHR  <== userids to send eF complete email
//ELECITM  DD DSN=&CBSOMAP..TRK.INSERT.ELECITM.RECS,DISP=MOD
//STAT     DD DSN=&CBSOMAP..TRK.INSERT.STAT.RECS,DISP=MOD
//*
//SYSTSPRT DD SYSOUT=&OUT       <== where OUT parm is set to the desired output location,
//SYSOUT   DD SYSOUT=&OUT           'D' for RMDS and production
//SYSPRINT DD SYSOUT=&OUT
//SYSABEND DD SYSOUT=*      <== Needed by CPPSTAT
//PLIDUMP  DD SYSOUT=*      <== Needed by CPPSTAT
//SYSTSIN  DD DSN=&PROCLIB(CBELPFP1),DISP=SHR  <== where PROCLIB is 'SDP.IC.USER.PROCLIB'
```

PIDB CBELPFP1 PROC:

- The following is the suggested PROC:

```
%CBELPFP
```

EFREPLY SKEL used for PIDZ and MVSZ:

- The following is the CBELPFP section of the EFREPLY SKEL located in BLDSERV.PROD.SKELLIB on PIDZ and MVSZ.
  For the full listing of the SKEL, see the **EFREPLY SKEL** section of
  Action Server Action for Processing eFactory Reply Messages for Production Orders (EFREPLY) :

```
)CM ******************************
)CM * EXECUTE THE CBELPFP PROGRAM *
)CM ******************************
)SET STEPNAME = CBELPFP
//CBELPFP  EXEC PGM=IKJEFT01,DYNAMNBR=20,COND=(0,NE)
//STEPLIB  DD DSN=&CPACENV..PLILOAD,DISP=SHR
           DD DSN=&JOBLIB1.,DISP=SHR
//SYSEXEC  DD DSN=&BIMHLQ..CEXEC,DISP=SHR
//*
//CTL      DD DSN=&BIMHLQ..CTL.CFG(CBELPFP),DISP=SHR
//CTLN     DD DSN=&BIMHLQ..CTL.CFG(CB$SNXT),DISP=SHR
```

```
//ERRNTFY  DD DSN=&BIMHLQ..ELC.ERROR.EMAIL.NOTIFY,DISP=SHR
//EFCNTFY  DD DSN=&BIMHLQ..ELC.EFCOM.EMAIL.NOTIFY,DISP=SHR
//*
//ELECITM  DD DSN=&SRVHLQ..&SLQ..ELECITM.RECS,DISP=MOD
//STAT     DD DSN=&SRVHLQ..&SLQ..STAT.RECS,DISP=MOD
//*
//SYSTSPRT DD SYSOUT=*
//SYSOUT   DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSABEND DD SYSOUT=*
//PLIDUMP  DD SYSOUT=*
//SYSTSIN  DD *
%CBELPFP
```

ESREPLY SKEL used for PIDZ:

- The following is the CBELPFP section of the ESREPLY SKEL located in BLDSERV.PROD.SKELLIB on PIDZ.
  For the full listing of the SKEL, see the **ESREPLY SKEL** section of
  Action Server Action for Processing eFactory Reply Messages for ESP Orders (ESREPLY) :

```
)CM ******************************
)CM * EXECUTE THE CBELPFP PROGRAM *
)CM ******************************
)SET STEPNAME = CBELPFP
//CBELPFP  EXEC PGM=IKJEFT01,DYNAMNBR=20,COND=(0,NE)
//STEPLIB  DD DSN=&JOBLIB1.,DISP=SHR
//SYSEXEC  DD DSN=&BIMHLQ..CEXEC,DISP=SHR
//*
//CTL      DD DSN=&BIMHLQ..CTL.CFG(CBEEPFP),DISP=SHR
//ERRNTFY  DD DSN=&BIMHLQ..ELC.ERROR.EMAIL.NOTIFY,DISP=SHR
//EFCNTFY  DD DSN=&BIMHLQ..ELC.EFCOM.EMAIL.NOTIFY,DISP=SHR
//*
//ELECITM  DD DSN=&SRVHLQ..&SLQ..ELECITM.RECS,DISP=MOD
//STAT     DD DSN=&SRVHLQ..&SLQ..STAT.RECS,DISP=MOD
//*
//SYSTSPRT DD SYSOUT=*
//SYSOUT   DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSTSIN  DD *
%CBELPFP
```

Parent Process(s):

CB Electronic Order Support (CB EOS)
Action Server Action for Processing eFactory Reply Messages for Production Orders (EFREPLY)
Action Server Action for Processing eFactory Reply Messages for ESP Orders (ESREPLY)

Child Processes:

DFD/Context Diagram:

Level N-1 DFD:

Architectural Block Diagram:

DFD Element Definitions:

Perform CB Electronic Order Final Processing Configuration File (CTL):
- Contains the following parms:
  - **Queue Manager name parm (QMGR):**
    - Contains the value to use ('NWDB' for test, 'MDAQ' for production)
      for the MQSeries Queue Manager name.
  - **OMS Admin Queue Name parm (OMSADMINQNAME):**
    - Contains the name of the OMS Admin Queue to use
      for sending the **OMS Admin Queue MQSeries message**.
  - **OMS Codepage parm (OMS_CODEPAGE):**
    - Contains the codepage value for populating the MQ Coded Character Set Identifier (CCSI) parameter
      so that the MQSeries Queue Managers do not try to translate the OMS message
      when sending from one system to another.
      (ie. when sending from a codepage 277 system like the system in Copenhagen to a codepage 37 system
      like the system OMS runs on in Boulder).
  - **E-Mail Id Character to Find parm (EMAIL_ID_CHAR)**
    - Will contain a value of 'N' if no @ sign replacement needs to be done for the email id records listed in the
      CB Electronic Order Support Error Notification File (ERRNTFY)
    - Will contain a value of comma (',') if @ sign replacement needs to be done for the email id records listed in the
      CB Electronic Order Support Error Notification File (ERRNTFY).
      This will be the case when the process is running in Copenhagen.
  - **DB2 SYSTEM parm (DB2SYS):**
    - Indicates DB2 Subsystem to use (DEV for Boulder Test PIDB system or DB2 for Bouder Production PIDA system).
  - **DB2 Failure Attempts parm (DBATTEMPTS):**

- Indicates the number of DB2 attempts before failure (5)

- DB2 Wait Interval parm (DBWAIT):

- Indicates the wait time interval before timeout (60).

- Remote DB2 System Connect parm (REM_DB2_CONN):

- Will contain a value of 'N' if a connect to a remote DB2 system is not needed (case for PIDA and PIDZ production).
- Will contain a value of 'Y' if a connect to a remote DB2 system is needed (case for PIDZ test).
- Used by **$DBICB function** .

- RXSQL Plan Name parm (PLAN_NAME_RXSQL):

- Will contain a value of RXSQL DB2 plan name.
- Used by **$DBICB function**.

- Remote DB2 System Name parm (REM_DB2_NAME):

- Will contain the name of the remote DB2 system to connect to.
- Used by **$DBICB function** only if Remote DB2 System Connect parm (REM_DB2_CONN) = 'Y'.

- eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS):

- 5 character parm which contains the value to use for the CB Electronic Order Request Status field (ISTATUS) in the select of the CB Electronic Order Request row(s) from the CB Electronic Order Request Details Table (VCBELORD) .

- CB Electronic Order Request Complete Status parm (CBCM_STATUS):

- 5 character parm which contains the value to use in the CB Electronic Order Request Status field (ISTATUS) of the updated CB Electronic Order Request row(s) in the CB Electronic Order Request Details Table (VCBELORD) .

- Electronic Order Status Remark parm (ELEC_ORD_REMARK):

- 30 character or less parm enclosed by a starting and ending quote which contains the electronic order status remark value to use in the Status Remark field (TREMARK) in the order status record created in the **CB Mfg. Order Status Table Insert Records File**.

- Electronic Order Item Description parm (ELEC_ORD_ITEM_DESC):

- 17 character or less parm enclosed by a starting and ending quote which contains the electronic order item description value to use in the Electronic Item Descrption field (NITMNAME) in the order status record created in the **CB Mfg. Order Status Table Insert Records File**.

- CB Electronic Order dataset HLQ parm (CBELC_ORDER_DS_HLQ):

- Will contain the value of the CB Electronic Order dataset high level qualifier to use for allocating and deleting the CB Electronic Order 'lines to add to email' File ,
  CB Electronic Order RFNJOBH JCL File ,
  CB Electronic Order RFNJOBS JCL File ,
  CB Electronic Order Install Dialog Download Variable Values File ,
  CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File .
  CB Electronic Order Hardware Management Console Download Server Information Customized File
  CB Electronic Order EUPDATEH JCL File ,
  CB Electronic Order EUPDATES JCL File
  CB Electronic Order LOADRIMH JCL File ,

CB Electronic Order LOADRIMS JCL File ,
CB Electronic Order GETORDRH JCL File ,
CB Electronic Order GETORDRS JCL File , and
CB Electronic Order Allocate File System JCL File

- CB Mfg Dataset high level qualifier for CBPDO orders parm (CBMFG_DS_HLQ _PDO):
  - Will contain the value of the CB Mfg Dataset highlevel qualifier to use for allocating the CB Mfg ZIPDATA File for a CBPDO order.
- CB Mfg Dataset high level qualifier for ServerPac and COD orders parm (CBMFG_DS_HLQ_SPAC _COD):
  - Will contain the value of the CB Mfg Dataset highlevel qualifier for ServerPac z/OS Product and COD electronic orders to use when allocating the CB Mfg. File System ROOT File for an Electronic Order
  - Will contain the value of the CB Mfg Dataset highlevel qualifier for a ServerPac or COD electronic Order
  - Will contain the value of the CB Mfg Dataset highlevel qualifier for ServerPac z/OS Product Dialog Installable orders to use when allocating the CB Mfg ZIPDATA File .
  - Will contain the value of the CB Mfg Dataset highlevel qualifier for ServerPac z/OS Product z/OSMF Installable orders to use when allocating the CB Mfg. ZIPDCONT File .
  - Will contain the value of the CB Mfg Dataset high-level qualifier for a COD electronic order to be use when allocating the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order File
- CB Mfg Dataset high level qualifier for CustomPac orders parm (CBMFG_DS_HLQ_CPAC):
  - Will contain the value of the CB Mfg Dataset highlevel qualifier for CustomPac orders to use when allocating the CB Mfg ZIPDATA File and CB Mfg. ZIPDCONT File .
- CB Mfg ZIPDATA Dataset low level qualifier parm (CBMFG_ZIPDAT_DS_LLQ):
  - Will contain the value of the CB Mfg Dataset low-level qualifier to use when allocating the CB Mfg ZIPDATA File
- CB Mfg ZIPDCONT Dataset low level qualifier parm (CBMFG_ZIPDCNT_DS_LLQ) :
  - Will contain the value of the CB Mfg Dataset low level qualifier to use when allocating and deleting the CB Mfg. ZIPDCONT File .
- CB Mfg ~~HFS~~ File System ROOT Dataset low level qualifier for CBPDO Orders parm (CBMFG_ ~~H~~FSROOT_DS_LLQ):
  - Will contain ~~the~~ a single value of the CB Mfg Dataset low level qualifier to use when deriving the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO order ~~and when the Check Root File Name for a CBPDO Electronic Order parm (CHECK_ROOT_FILE_NAME_FOR_PDO_ORDER) indicates that the name of the CB Mfg. File System ROOT File for an Electronic Order does not need to be checked (= 'N').~~
  - ~~Will contain 2 values separated by a ' ' for the possible CB Mfg Dataset low level qualifiers to use when deriving the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO order and when the Check Root File Name for a CBPDO Electronic Order parm (CHECK_ROOT_FILE_NAME_FOR_PDO_ORDER) indicates that the name of the CB Mfg. File System ROOT File for an Electronic Order does need to be checked (= 'Y').~~
  - CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order Dataset low level qualifier parm (CBMFG_CODELCFL_DS_LLQ):
  - Will contain the value of the CB Mfg Dataset low level qualifier to derive the name of the CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order File

- CB Mfg File System ROOT Dataset low level qualifier for ServerPac and COD Orders parm (CBMFG_HFSROOT_DS_LLQ_SPAC_COD):
  - Will contain the value of the CB Mfg Dataset low level qualifier to use when deriving the name of the CB Mfg. File System ROOT File for an Electronic Order for a ServerPac z/OS Product order or COD electronic order.
- CB Mfg File System ROOT Dataset low level qualifier for CustomPac Orders parm (CBMFG_ HFSROOT_DS_LLQ_CPAC):
  - Will contain the value of the CB Mfg Dataset low level qualifier to use when deriving the name of the CB Mfg. File System ROOT File for an Electronic Order for a CustomPac order.
- CB Mfg File System Main Directory Path Name for CBPDO orders parm (CBMFG_ HFS_DIRM_PDO):
  - Contains the main directory path name in the file system that CB Mfg. used to create the GIMZIP package contains the files for the CBPDO Electronic order.

  NOTE: This corresponds to the value that CB Mfg. uses for the HFSDIRE center inventory variable in the HFSDATA group and CFSZDIRE center inventory variable in the ZFSDATA group.
- CB Mfg File System Main Directory Path Name for ServerPac orders parm (CBMFG_FS_DIRM_SPAC):
  - Contains the main directory path name in the file system that CB Mfg. used to create the GIMZIP files for the ServerPac z/OS Product electronic order.
- CB Mfg File System 2nd level Directory Path Name for ServerPac orders parm (CBMFG_FS_DIR2_SPAC):
  - Contains the 2nd level directory path name in the file system that CB Mfg. used to create the GIMZIP files for the ServerPac z/OS Product electronic order.
- CB Mfg File System 4th level Directory Path Name for ServerPac orders parm (CBMFG_FS_DIR4_SPAC):
  - Contains the 4th level directory path name in the file system that CB Mfg. used to create the GIMZIP files for the ServerPac z/OS Product electronic order.
- CB Mfg File System Main Directory Path Name for CustomPac orders parm (CBMFG_FS_DIRM_CPAC):
  - Contains the main directory path name in the file system that CB Mfg. used to create the GIMZIP files for the CustomPac electronic order.
- CB Mfg File System 2nd level Directory Path Name for CustomPac orders parm (CBMFG_FS_DIR2_CPAC):
  - Contains the 2nd level directory path name in the file system that CB Mfg. used to create the GIMZIP files for the CustomPac electronic order.
- CB Mfg File System 4th level Directory Path Name for CustomPac orders parm (CBMFG_FS_DIR4_CPAC):
  - Contains the 4th level directory path name in the file system that CB Mfg. used to create the GIMZIP files for the CustomPac electronic order.
- CB Mfg File System Main Directory Path Name for COD orders parm (CBMFG_FS_DIRM_COD):
  -Will contain the main directory path name in the file system that CB Mfg. used to create the files for a COD electronic order and will be used to derive the Directory Path name to use in the Process CB Mfg. HFS Root File Request message

- CB Mfg File System 2nd level Directory Path Name for COD orders parm (CBMFG_FS_DIR2_COD):
  - Will contain the 2nd level directory path name in the file system that CB Mfg. used to create the files for a COD electronic order and will be used to derive the Directory Path name to use in the Process CB Mfg. HFS Root File Request message

- CB Mfg File System 4th level Directory Path Name for COD orders parm (CBMFG_FS_DIR4_COD):
  - Will contain the 4th level directory path name in the file system that CB Mfg. used to create the files for a COD electronic order and will be used to derive the Directory Path name to use in the Process CB Mfg. HFS Root File Request message

- CB Electronic Order 'lines to add to email' dataset LLQ parm (CBELC_ADDEMAIL_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset highlevel qualifier to use for deleting the CB Electronic Order 'lines to add to email' File.
- CB Electronic Order RFNJOBH dataset LLQ parm (CBELC_RFNJOBH_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order RFNJOBH JCL File.
- CB Electronic Order RFNJOBS dataset LLQ parm (CBELC_RFNJOBS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order RFNJOBS JCL File
- CB Electronic EUPDATEH JCL File low level qualifier parm (CBELC_UPDTIDH_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order EUPDATEH JCL File
- CB Electronic Order EUPDATES JCL File low level qualifier parm (CBELC_UPDTIDS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order EUPDATES JCL File
- CB Electronic Order Install Dialog Download Variable Values File low level qualifier parm (CBELC_INDVVALS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order Install Dialog Download Variable Values File.
- CB Electronic Order LOADRIMH JCL File low level qualifier parm (CBELC_LOADRIMH_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order LOADRIMH JCL File.
- CB Electronic Order LOADRIMS File low level qualifier parm (CBELC_LOADRIMS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order LOADRIMS JCL File
- CB Electronic Order GETORDRH JCL File low level qualifier parm (CBELC_GETORDRH_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order GETORDRH JCL File.
- CB Electronic Order GETORDRS JCL File low level qualifier parm (CBELC_GETORDRS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the CB Electronic Order GETORDRS JCL File.

- CB Electronic Order Allocate File System JCL File low level qualifier parm (CBELC_ALLOCFS_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the
    CB Electronic Order Allocate File System JCL File ..
- CB Electronic Order z/OSMF Software Management Add Potable Software Instance Server XML Tag Info Customized File
  low level qualifier parm (CBELC_ZOSMFPSX_DS_LLQ):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the
    CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File .
- CB Electronic Order CB Electronic Order Hardware Management Console Download Server Information Customized File
  low level qualifier parm (CBELC_HMCDSIN_DS_LLC):
  - Will contain the value of the CB Electronic Order Dataset low level qualifier to use for allocating and deleting the
    CB Electronic Order Hardware Management Console Download Server Information Customized File
- CustomPac Full Volume Dump Order Feature parm (CPAC_FVD_ORD_FEAT):
  - Feature Code value that will indicate whether a CustomPac electronic order
    is also a CustomPac Full Volume Dump (aka. FVD) electronic order,
- Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC):
  - Will contain a value of 'Y' if the deleting of the path to the main directory and unmounting of the
    CB Mfg. File System ROOT File for an Electronic Order
    for the ~~CB~~ CBPDO, CustomPac, or ServerPac z/OS Product or COD electronic order being processed
    needs to happen on the other system
    eFactory is running on which IS NOT the system this process is running on.
  - WIll contain a value of 'N' if the deleting of the path to the main directory and unmounting of the
    CB Mfg. File System ROOT File for an Electronic Order
    for the ~~CB~~ CBPDO, CustomPac, or ServerPac z/OS Product or COD Electronic order being processed needs to happen on the same system
    eFactory is running on which IS the system this process is running on.
- Remote Process CB Mfg. HFS Root File Cleanup Request Queue Name parm
  (REM_CBHFSPR_CL_REQ_QNAME):
  - Contains the name of the Remote Process CB Mfg. HFS Root File Cleanup Request Queue
    to place/PUT the CB Mfg. HFS Root File Request message if the
    Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
    IS set to 'Y'.
  - Contains the value of 'N' (placeholder) if the
    Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
    IS set to 'N'.
- Perform CB Electronic Order Final Processing Reply Queue Reply Queue parm (CBELPFP_REP_QNAME):
  - Contains the name of the Perform CB Electronic Order Final Processing Reply Queue
    to include in the Reply to Queue (ReplyToQ) field of the Message Description Control Data portion of the
    CB Mfg. HFS Root File Request message if the
    Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
    IS set to 'Y'.
  - Contains the name of the Perform CB Electronic Order Final Processing Reply Queue

used to process/GET the Process CB Mfg. HFS Root File Reply message if the
Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
IS set to 'Y'.
- Contains the value of 'N' (placeholder) if the
Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
IS set to 'N'.

- Execute SUPERUSER UNIX Command parm (EXEC_SU_CMD):
- Will contain a value of 'Y' if the UNIX setuid command should be run
(via the setSUPERUSERauth routine contained in the EF$UNIX include) or 'N'
if it should not be run.

- Execute unmount HFS file and remove directories UNIX commands parm (EX_UNMOUNT_RM_CMDS):
- Will contain a value of 'Y' if the UNIX unmount and rm commands
should be run (via the unmountHFSfile and deleteAllLocUnixDir routines contained in the
EF$UNIX include) or 'N' if they should not be run.

- Reply Message Wait Time parm (MSGWAITINT):
- Needed by $MQI - MQ Series Interface module .
Contains the maximum length of time in minutes to wait for the
Process CB Mfg. HFS Root File Reply message
that is created by the Process CB Mfg HFS Root File (CBHFSPR) process . Only comes into play
if the
Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC)
IS set to 'Y'.

- Send CB EOS Processing Completed Email parm (SEND_CBEOS_COMPL_EMAIL):
- 1 character parm which indicates whether a
CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification
should be created and sent.
- A value of 'Y' indicates a
CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification .
should be created and sent.
- A value of 'N' indicates a
CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification .
should not be created and sent.

- Call CPPSTAT for CBPDO and ServerPac and COD Electronic Orders parm (CALL_CPPSTAT_CBPDO_SPAC_COD_ORDS):
- 1 character parm which indicates if the CPPSTAT program should be called
via the Set Status to Next in CB Mfg (CB$SNXT) process for a CBPDO or ServerPac electronic order or COD electronic
order which will result in the Phase Y job being run to clean up the CBPDO electronic order in the
Produce CBPDO Order process (aka CBPDO Mfg) or ServerPac or COD electronic order in the
Produce ServerPac/CustomPac Order process (aka. CPAC Mfg) .
- A value of 'Y' indicates the CB Mfg Order Status Update program (CPPSTAT) should be called
via the Call the Set Status to Next in CB Mfg (CB$SNXT) process .
- A value of 'N' indicates the CB Mfg Order Status Update program (CPPSTAT) should not be called

via the Set Status to Next in CB Mfg (CB$SNXT) process .

- Call CPPSTAT for CustomPac Electronic Orders parm (CALL_CPPSTAT_CPAC_ORDS):
  - 1 character parm which indicates if the CPPSTAT program should be called via the Set Status to Next in CB Mfg (CB$SNXT) process for a CustomPac electronic order which will result in the Phase Y job being run to clean up the CustomPac electronic order in the Produce ServerPac/CustomPac Order process (aka. CPAC Mfg) .
  - A value of 'Y' indicates the CB Mfg Order Status Update program (CPPSTAT) should be called via the Set Status to Next in CB Mfg (CB$SNXT) process .
  - A value of 'N' indicates the CB Mfg Order Status Update program (CPPSTAT) should not be called via the Set Status to Next in CB Mfg (CB$SNXT) process .

~~- Check Root File Name for a CBPDO Electronic Order parm (CHECK_ROOT_FILE_NAME_FOR_PDO_ORDER):~~
~~- Will contain a value of 'N' if the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO Electronic Order does not need to be checked .~~
~~- Will contain a value of 'Y' if the name of the CB Mfg. File System ROOT File for an Electronic Order for a CBPDO Electronic Order does need to be checked .~~

- ServerPac Order Type Column Values in CBMORDER Table for a non-z/OS Product Order parm (SPAC_NON_ZOS_PROD_ORD_TYPE):
  - Contains possible values of the Order Type column in the CB Mfg. Order Table (VCBMORDER) which will indicate whether the ServerPac electronic order is also a ServerPac non-z/OS Product electronic order.
- ServerPac Order Type Column Values in CBMORDER Table for a Z/OSMF Installable Order parm (SPAC_ZOSMF_INSTALL_ORD_TYPE):
  - Contains possible values of the Order Type column in the CB Mfg. Order Table (VCBMORDER) which will indicate whether the ServerPac z/OS Product electronic order is also a ServerPac z/OSMF Installable electronic order (aka. ServerPac z/OS Product z/OSMF Installable electronic order).
- Trace Option (TRACEOPTION):
  - Indicates tracing capability (O for production (no trace), R (trace)).

CB Electronic Order Support Error Notification File (ERRNTFY) :
- Contains Lotus Notes userids for those people who should be notified in the event that an error occured.

Perform CB Electronic Order Final Processing 'eFactory Complete' Notification File (EFCNTFY) :
- Contains Lotus Notes userids for CB Operations personnel who should be notified to run the remainining CB Mfg. jobs in order to complete the CB Mfg. processing for the CB electronic order.

CB Mfg. Order Table (VCBMORDER) :
- Will contain row corresponding to the row selected from the CB Electronic Order Request Details Table (VCBELORD) .

Custom Build Mfg. Order Product Table (CBMPROD) :

- Will be used to determine if a CustomPac electronic order contains the Full Volume Dump feature.

CB Electronic Order Request Details Table (VCBELORD):
- Prior to this process running, it should contain at least 1 CB Electronic Order Request row with the CB Electronic Order Request Status (ISTATUS) column/field value equals the **eFactory Complete Status parm for CB Electronic Order Request (EFCM_STATUS)** value in the Perform CB Electronic Order Final Processing Configuration File (CTL).
- After this process runs, it should contain at least 1 updated CB Electronic Order Request row with the CB Electronic Order Request Status (ISTATUS) column/field value equal to the the value of the **CB Electronic Order Request Complete Status parm (CBCM_STATUS)** in the Perform CB Electronic Order Final Processing Configuration File (CTL).

CB Mfg. ZIPDATA File:
- Contains XML statements from the GIMPAF.XML file created by the **GIMZIP program** run by the the **CB Mfg process** for a CBPDO, ServerPac z/OS Product Dialog Installable, or CustomPac electronic order. Will be used to obtain the **Total Megabyte Count Before GIMZIP (QUNZIPMB)** and **Total Megabyte Count After GIMZIP (QZIPMB)** field values in the CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM).

CB Mfg. ZIPDCONT File:
- Contains XML statements from the GIMPAF.XML file in the GIMZIP Content sub-directory created by the **GIMZIP program** run by the the **CB Mfg process** for a ServerPac z/OS Product, or CustomPac electronic order. Will be used to obtain the **Total Megabyte Count Before GIMZIP (QUNZIPMB)** and **Total Megabyte Count After GIMZIP (QZIPMB)** field values in the CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM):

CB Mfg. List of Files Contained in ELEC Directory of CB Mfg. File System ROOT File for a COD Electronic Order File
- Contains XML statements for the names and sizes of Catalog volume (CAT), System Resident volume (SY1 and SY2) dump files, and DFSMSDSS files placed in the ELEC directory of the CB Mfg. File System ROOT File for an Electronic Order by the CB Mfg process for a COD electronic order.

CB Mfg. File System ROOT File for an Electronic Order:
- Contains directories and files created by the GIMZIP program run by the the CB Mfg process for a CBPDO, ServerPac z/OS Product, or CustomPac electronic order.. ~~Will only be processed/unmounted if the Execute unmount HFS file and remove directories UNIX commands parm (EX_UNMOUNT_RM_CMDS) in the Perform CB Electronic Order Final Processing Configuration File (CTL) = 'Y'.~~
- Contains directory and Catalog volume (CAT) ,System Resident volume (SY1 and SY2) dump files created by the ADRDSEG program run by the the CB Mfg process and standalone DFSMSDSS files for a COD electronic order.

CB Mfg. Order Status Table Insert Records File (STAT) :
- Contains CB electronic order status records.

The records will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process to insert new rows to the CB Mfg. Order Status Table (VCBMSTAT) and update existing rows for the CB electronic orders in the CB Mfg. Order Table (VCBMORDER) .

CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM):
- Contains CB electronic order item records.
The records will be used by the Update CB Mfg. Order Tracking Tables (CBTRKUP) process to insert new rows to the CB Mfg Electronic Order Item Detail Table (VCBMEITD).

CB Electronic Order 'lines to add to email' File:
- Will be deleted.

CB Electronic Order z/OSMF Software Management Add Portable Software Instance Server XML Tag Info Customized File:
- Will be deleted when a ServerPac z/OS Product z/OSMF Installable electronic order is being processed

CB Electronic Order Hardware Management Console Download Server Information Customized File:
- Will be deleted if a COD electronic order is being processed

CB Electronic Order RFNJOBH JCL File:
- Will be deleted when a CBPDO electronic order is being processed.

CB Electronic Order RFNJOBS JCL File:
- Will be deleted when a CBPDO electronic order is being processed.

CB Electronic Order EUPDATEH JCL File:
- Will be deleted when a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed.

CB Electronic Order EUPDATES JCL File
- Will be deleted when a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed.

CB Electronic Order Install Dialog Download Variable Values File:
- Will be deleted when a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed.

CB Electronic Order LOADRIMH JCL File :
- Will be deleted when a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed.

CB Electronic Order LOADRIMS JCL File
- Will be deleted when a ServerPac z/OS Product Dialog Installable or CustomPac non-FVD electronic order is being processed.

CB Electronic Order GETORDRH JCL File :
- Will be deleted when a CustomPac FVD electronic order is being processed.

CB Electronic Order GETORDRS JCL File:
- Will be deleted when a CustomPac FVD electronic order is being processed.

CB Electronic Order Allocate File System JCL File:
- Will be deleted when a CustomPac FVD electronic order is being processed.

Remote Process CB Mfg. HFS Root File Cleanup Request Queue:
- Queue used for sending a CB Mfg. HFS Root File Request message to be processed by the Process CB Mfg HFS Root File (CBHFSPR) process .
- Queue name specified by the Remote Process CB Mfg. HFS Root File Cleanup Request Queue Name parm (REM_CBHFSPR_CL_REQ_QNAME) in the Perform CB Electronic Order Final Processing Configuration File (CTL)
- Only comes into play if the Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC) IS set to 'Y'.

Perform CB Electronic Order Final Processing Reply Queue:
- Queue used for receiving a Process CB Mfg. HFS Root File Reply message.
- Queue name specified by the Perform CB Electronic Order Final Processing Reply Queue Reply Queue parm (CBELPFP_REP_QNAME) in the Perform CB Electronic Order Final Processing Configuration File (CTL) .
- Only comes into play if the Remote CB Mfg. HFS Root File Processing Needed parm (REMOTE_CBMFG_HFSROOT_PROC) IS set to 'Y'.

OMS Admin Queue:
- Queue used for sending an **OMS Admin message**.
  Send a pager note to the pagerids specified in the OMS message document if paging is enabled.
- The SDS Logger OMS process will log the error in the OMS Activity Log Table
- The queue name will be specified by the **OMS Admin Queue Name parm (OMSADMINQNAME)** in the Perform CB Electronic Order Final Processing Configuration File (CTL) .

Perform CB Electronic Order Final Processing Summary Report:
- Contains lines for the:
  - Number of rows selected from the CB Electronic Order Request Details Table (VCBELORD)
  - Number of rows selected from the CB Mfg. Order Table (VCBMORDER)
  - **Number of order status records created in the CB Mfg. Order Status Table Insert Records File (STAT)**
  - Number of CB electronic order item records created in the CB Mfg. Electronic Order Item Detail Table Insert Records File (ELECITM)
  - Number of rows updated in the CB Electronic Order Request Details Table (VCBELORD)

CBELPFP 'eFactory and CB EOS processing completed for CB Electronic Order' email notification:
- Lotus Notes E-mail sent to the appropriate CB Operations personnel containing details regarding the CB electronic order for which the remaining 'CB Mfg. jobs need to be run' or 'CB Mfg. jobs will be run' in order to complete the CB Mfg. processing for the order.

Perform CB Electronic Order Final Processing (CBELPFP) process error e-mail notification :
- Lotus Notes E-mail that contains processing error details.

SYSPRINT:
- Contains error messages.