Obtaining CA Recommended Service (CA RS) for z/OS without using CA CSM

With the advent of CA Chorus Software Manager (CA CSM), CA Technologies introduced support for the automated processing of CA RS for z/OS as part of our Preventative Maintenance methodology. By using the CA CSM CA RS Wizard you can apply Preventive Maintenance by CA RS level by product with just a few mouse clicks. The CA RS Wizard ensures the latest ERROR HOLDDATA is included as it processes the CA RS list of ++ASSIGN SOURCEID statements for the CA RS PTFS along with their prerequisite PTFs.

Alternatively, you can obtain CA RS lists manually although the steps to do so will be more time-consuming compared to the simplicity offered by CA CSM. Following are the instructions to obtain and apply Preventive Maintenance along with processing HOLDDATA and CA RS files without using CA CSM.

Note: CA Technologies **strongly recommends** that you RECEIVE the ERROR HOLDDATA into your Global zone prior to applying any maintenance (instructions provided below). The ERROR HOLDDATA will prevent PTFs in Error (PE's) from being applied.

To obtain the PTFs for one or more CA RS files manually:

Create a PTF package by selecting all the published solutions for the desired licensed product(s) using CA Support Online (CSO). The CAUNZIP utility will extract the contents of the Published Solution Maintenance package order from the Download center on CA Support Online. Refer to the CA UNZIP Utility documentation for further instructions.

1. Download the latest ERROR HOLDDATA file per the FTP instructions on CSO located here.

2. Download the CA RS ASSIGN files.

   Option 1: Download individual CA RS files needed from here: Monthly CA RS files
      -or-
   Option 2: Download the cumulative Yearly CA RS file from here: Yearly CA RS (recommended)

   The current Yearly CA RS file is appended onto each month with the new ++ASSIGN statements.
   The Yearly CA RS files help speed the download of CA RS ++ASSIGN files for non-CA CSM customers.

   Caution: CA CSM customers should not download nor use Yearly CA RS files with CA CSM as there is no need. Attempting to use Yearly CA RS files with CA CSM could result in CA RS file processing failures.

   a. To download a CA RS file click on the file name desired based on the naming that follows.

CARS*yymm*	Identifies the recommended service for the CA Mainframe Stack where *yymm* represents the year and month of delivery of the CA RS file.

   - Choose the 'Save Target As' to save this file to your PC. This command may vary depending on the browser you are using.
   - FTP the saved file to the mainframe as a fixed file with a LRECL of 80.

   b. To FTP the file directly to the mainframe update and execute the JCL listed below after making site specific changes to the "red" items:

      i. Replace ***email address*** with your valid email address.
      ii. Replace the **SYSTCPD *dataset name*** with the correct name used at your site.
      iii. Replace ***SMPPTFIN DSN*** with a valid z/OS data set name.
          Note: The data set will be created if it does not already exist.
      iv. Update the **yymm** in the "get" with the correct name needed to be downloaded from the above chart.

      Example: CARS1212.TXT for CA RS 1212 and CARS1301.TXT for CA RS 1301.

```
//FTPSTEP  EXEC PGM=FTP,PARM='(EXIT=08'
//SYSTCPD  DD DISP=SHR,DSN=*your.TCPIP.dataset.name*
//SYSPRINT DD SYSOUT=*
//OUTPUT   DD SYSOUT=*
//INPUT    DD * ftp.ca.com 21
anonymous *email address*
cd /pub/ASSIGNS/dir
asc
locsite LR=80 REC=FB BLOCKSI=0
locsite PRI=20 SEC=10 CY
get CARyymm.TXT '*SMPPTFIN DSN*' (REPLACE
quit
```

3. Receive all the PTFs, ERROR HOLDDATA, and CA RS ASSIGN files into your CA product CSI Global Zone using the following JCL. Change the **SMPPTFIN datasets** to those you created in the above steps and point the **SMPCSI DD** to the correct CSI Name for the product for which you are receiving CA RS. The places in the JCL that you need to supply your Dataset Names are in **RED**:

```
//SMPEREC  EXEC PGM=GIMSMP,REGION=0M
//SMPCSI   DD DISP=SHR,DSN=*YOUR CSI*
//SMPHOLD  DD DISP=SHR,DSN=*PTFHOLD DATASET*
//SMPPTFIN DD DISP=SHR,DSN=*CA RS ASSIGNDATASET*
//         DD DISP=SHR,DSN=*PTFLIB DATASET*
//SMPCNTL  DD *
SET BOUNDARY(GLOBAL).
RECEIVE SYSMOD HOLDDATA.
```

4. Apply the CA RS PTFs
   a. Add the SOURCEID of **CARSyymm** to the APPLY command.

   b. APPLY the PTFs using the following sample JCL. Make the appropriate substitutions for the fields designated in **RED**.

   An **APPLY CHECK** is optional but recommended for the first run of the APPLY.
   Remove the **CHECK** parameter when ready to perform the actual PTF APPLY.

```
//SMPEAPP  EXEC PGM=GIMSMP
//SMPCSI   DD DISP=SHR,DSN=*YOUR CSI*
//SMPHOLD  DD DUMMY
//SMPPTFIN DD DUMMY
//SMPCNTL  DD *
SET BOUNDARY(*YOUR TARGET ZONE*).
APPLY CHECK SOURCEID(CARSyymm,CARSyymm)
GROUPEXTEND
BYPASS(HOLDSYSTEM).
```