IBM Education Assistance for z/OS V2R2

Item: CEA Enhancements
Element/Component: CEA

Agenda

- Trademarks

- Presentation Objectives

- Overview

- Usage & Invocation

- Presentation Summary

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Trademarks

- See url http://www.ibm.com/legal/copytrade.shtml for a list of trademarks.

Presentation Objectives

- Show new externals for TSO Address Space Manager
    - New parmlib statements for address spaces
    - Messages to support display of address spaces in use

Overview

Problem Statement / Need Addressed
- Ability to control the number of TSO address spaces programmatically launched.

- Solution
  - Add keyword/limit value into CEAPRMxx .

- Benefit / Value
  - Ability to control the number of these sessions.
  - Sessions used by:
    - z/OSMF Classic Interface
    - Other applications; TSOASMGR APIs documented externally

Usage & Invocation

- Parmlib member: CEAPRM00:

  - TSOASMGR

  -   (

    - *MAXSESSIONS(50)*   *<--from 0 to 2000*

    - *MAXSESSPERUSER(10)*   *<--from 1 to 10*

    - RECONSESSIONS(0)

    - RECONTIME(00:00:00)

  -   )

    -

Usage & Invocation

- Console display message of parmlib

-

```
F CEA,D,PARMS
```

```
CEA0023I COMMON EVENT ADAPTER
STATUS: ACTIVE-FULL      CLIENTS: 0   INTERNAL: 0
      CEA = (00)
      SNAPSHOT            = Y|N
      HLQLONG             = hlqlong      HLQ           = hlq
      BRANCH              = bbb          COUNTRYCODE   = ccc
      CAPTURE RANGE FOR SLIP DUMPS:
      LOGREC              = HH:MM:SS     LOGRECSUMMARY= HH:MM:SS
      OPERLOG             = HH:MM:SS
      CAPTURE RANGE FOR ABEND DUMPS:
      LOGREC              = HH:MM:SS     LOGRECSUMMARY= HH:MM:SS
      OPERLOG             = HH:MM:SS
      CAPTURE RANGE FOR CONSOLE DUMPS:
      LOGREC              = HH:MM:SS     LOGRECSUMMARY= HH:MM:SS
      OPERLOG             = HH:MM:SS
      VOLSER, 1-4         = volumnxx, volumexx, volumexx
      TSOASMGR
       RECONSESSIONS         = nn           RECONTIME     = hh:mm:ss
       MAXSESSIONS           = nnnn         MAXSESSPERUSER = nn
```

Usage & Invocation

- **Console display message of status**
-

```
F CEA,D

        CEA0004I COMMON EVENT ADAPTER
        STATUS: status CLIENTS: count INTERNAL: xcount
        EVENTS BY TYPE: #WTO: wtocnt #ENF: enfcnt #PGM: pgmcnt
        TSOASMGR:  ALLOWED:  tsocnt  INUSE: inusecnt   HIGHCNT: highcnt
```

Presentation Summary

- Ability to control TSO Address spaces with new parmlib statements.

Appendix

- TSO Address space Manager:
    - z/OS MVS Programming: Callable Services for High Level Languages; CEA TSO/E address space services (SA23-1377)
    - z/OS MVS Initialization and Tuning Guide (SA23-1379)