CIMS LAB, INC.

Enhancements / Updates to
CIMS Capacity Planner V6.0
May 2005 – Dec 2005
2006/01/03 Genlevel

Enhancements:

DB2 8.x support
- DB2 8.x support added to programs SSA1CIC# and SSA1CICW.
- Modules changed: SSA101B, SSA110BG, SSA1160, and SSA11607.

SSA1DSXP – Utility to format and print Table 39
- New report to list the contents of table 39, Storage Group name to VOLSER table.
- SC # 11087.
- New module SSA10DSP.

SSA1LPAR – Workload PR/SM Subsystem Statistics Report
- New report lists all of the LPARs in Table 040 for a specific time period.
- Displays average % busy and approximate MIPS rate.
- SC # 10968.
- New module SSA102WU.

SSA1SRP1 – Workload CPU Utilization Report in MIPS
- New report.
- New modules SSA102RM and SSA120RM.

SSA1UNXW – UNIX Data Reduction
- Added processing of CIMS UNIX Data Collector.
- Modules changed: SSA101U and SSA1328U.

SSA1WWWW – LPAR Configuration Report
- New report shows where an LPAR was running during a specific time period.
- SC # 10968.
- New modules SSA100WW and SSA1470U.

TMON CICS 2.3 support
- TMON CICS 2.3 support added to programs SSA1CIC# and SSA1CICW.
- Module changed: SSA1124A.

Updates:

CIMSLP61 – IMS Log Preprocessor
- Included the last version of the CIMS Mainframe CIMSIMS1 program, V12.2.
- Module changed: CIMSIMS1.

SSA1ARC – Archiving Aged Online Records
- The Archive process goes into a loop and does not complete.
- SC # 11218.
- Modules changed: SSA10ARV, SSA1400, and SSA1410.

SSA1CICG - CICS Region Graphs
- S0C9 abend in SSA1340.
- SC # 11050.
- Module changed: SSA1340.

SSA1CICT - CICS Trend Reports
- S0C9 abend in SSA1340.
- SC # 11050.
- Module changed: SSA1340.

SSA1DASX – DASM Space Profile Within Storage Group
- Incorrect allocation reported for a storage group.
- SC # 11087.
- Module changed: SSA1305X.

SSA1DB2R – DB2 Subsystem Reports
- Changed recording of SQL statistics so they remain in units of a thousand.
- SC # 11087.
- Module changed: SSA1650.

SSA1DB2W – DB2 Subsystem Data Reduction
- Changed recording of SQL statistics so they remain in units of a thousand.
- SC # 11087.
- Module changed: SSA1651.

SSA1GENR
- Added the capability to reformat the GENERIC DAILY OVERVIEW report so that the totals line is eliminated and the dates are preserved in the left hand column.
- SC # 11061.
- Module changed: SSA1375G.

SSA1GOAL – WLM Goal Mode Reports
- Incorrect Response Average for Service Class in Workload Manager Goal mode performance summary report.
- The values for response time average are 10 times less than values in RMF reports.
- SC # 11314.
- Modules changed: SSA120G1, SSA120G2 and SSA120G3.

SSA1LOAD – Load Performance Database
- Improved reliability of resulting database by using the existing index structure.
- Added statistical messages for better tracking of results.
- SC # 11279.
- Module changed: SSA10LDV.

SSA1SUMM – Build Summary Tables
- Added tracing controls to provide usable trace data.
- SC # 11176.
- Modules changed: SSA100S and SSA1412.

SSA1TAUG – Tape Subsystem Graphs
- Graphs were not properly built when using AVERAGES=NONE.
- SC # 11008.
- Modules changed: SSA129HT, SSA1291T, and SSA1292T.

SSA1TBLX – Table Extract Utility
- Added support for multiple SIDS.
- SC # 11008.
- Modules changed: SSA100X and SSA1642.

SSA1TGRJ – MIPS Usage by PGN Graph
- Added support that allows the user to manually specify the number of engines in a CEC.
  - Added 'POV ENGINE COUNT=n' control statement.
  - SC # 10910.
  - Modules changed: SSA1229J and SSA1530.
- Removed test table.
  - Module changed: SSA1477T.

SSA1TGRK – SCHEDLIB Graphs
- Builds graphs showing when the entire system was active, as opposed to graphs for specific address spaces.
- SC # 10903.
- Module changed: SSA1291S.

SSA1TGRU – PR/SM Subsystem Graphs
- Added INCLPARS and EXCLPARS logic for LPAR selection.
- Expanded the number of LPARS on a single graph to 15.
- Allowed PR/SM Subsystem prescan.
- Added VLHGDLIB logic to allow for VLR HGDLIB output for MIPS versions of the graphs**.**
- SC # 10910.
- Modules changed: SSA103WU, SSA129HU, SSA1290U, SSA1291U, SSA1292U SSA1293U, and SSA1295U

SSA1TGRV – Task Availability Graphs
- Correct system element check.
- The designation 'System' will calculate availability based on CPU activity as opposed to SMF Type 30 data.
- SC # 10903.
- Module changed: SSA121GX.

SSA1UNRA – UNIX Server Availability Report
- Adjust outage calculations.
- Module changed: SSA12USC.

SSA1UNXW – UNIX Data Reduction
- S0C1 abend loading data with duplicate timeline data in the input stream.
  - SC # 10928.
  - Module changed: SSA1320U.
- S0C7 processing AIX 5.2 System Configuration records.
  - No time stamps in System Configuration records.
  - Bypass these records.
  - SC # 10865.
  - Module changed: SSA1320U.

SSA1WKLD - Workload Subsystem Data Reduction
- Removed informational message that is not needed:
    - SSA1FLPT - FLOATING POINT NUMBER UNDER CPPR LIMIT
    - SC # 11086.
    - Module changed: SSA1FLPT.
- Informational message CPPR0410I: INCORRECT DATE is issued processing SMF data.
    - Message occurs when SMF data is dumped immediately after midnight.
    - Additional checks added to ensure start date is not after end date.
    - SC # 11124.
    - Module changed: SSA1119.
- S0C9 processing FICON channel record with a time interval of zero.
    - SC # 10855.
    - Module changed: SSA1115F.
- Implemented a new Job Availability Ad Hoc Report that provides very specific Job Start and Job End times for selected Jobs.
    - SC # 11036.
    - Module changed: SSA1112.
- Add Subtypes 2 and 3 for Job availability.
    - SC # 11050.
    - Module changed: SSA1449J.

UCSLSARX – UNIX Consolidation Routine
- Allowed for date changes within a SAR input file
- Module changed: UCSLSARX**.**

Control Library (CNTL):

DUNXCLDC
- Added JCL for processing CIMS UNIX Data Collector data, SSA1UNXW.

DUNXFSYS
- Added JCL for processing CIMS UNIX File System Data Collector data, SSA1UNXW.

DUNXHPMW
- Added JCL for processing HP Open View records, SSA1UNXW.

DUTLLPAR
- Added JCL for executing Workload PR/SM Subsystem Statistics Report, SSA1LPAR.

DUTLWWWW
- Added JCL for executing LPAR Configuration Report, SSA1WWWW.

DWKLSRP1
- Added JCL for executing Workload CPU Utilization Report in MIPS, SSA1SRP1.

LINKJCL Library:

SSA1DB2W
- DB2 8.x support.
- Added SSA110BG and SSA11607.

SSA1DSXP
- New executable program.
- Added object SSA10DSP.

SSA1LPAR
- New executable program.
- Added objects SSA102WU and SSA1470U.

SSA1SRP1
- New executable program.
- Added objects SSA102RM and SSA120RM.

SSA1TGRU
- Added SSA1293U.

SSA1UNXW
- Added SSA1328U.

SSA1WKLD
- Added SSA1449J.

SSA1WWWW
- New executable program.
- Added object SSA100WW.