

## APS for MVS: Setting up APS DB2 Subschema utilities in a new DB2 subsystem

If you are installing a new release of IBM's DB2 and plan to do parallel testing in a new subsystem, here are some tips for working with APS for MVS. These steps assume that you have an APS project that accesses DB2 in another DB2 subsystem and you have been asked to migrate the APS tables to the new subsystem for testing.

**Step 1.** Create the tables for APS. You have 2 choices. Use the APS supplied JCL in DB2SMAKE (Edit as required) or the DBA would unload and reload all APS tables from the old subsystem to the new. Use the DB2SMAKE JCL to get a list of tables to be migrated. If the DBA has moved other tables for COBOL programmers then the APS tables should already have been moved. If not, the DBA should be asked to do this.

**Step 2.** Bind the APS plans. Use the APS supplied JCL DB2SBIND to bind the APS plans.

**Step 3.** Grant EXECUTE authority on the APS Plans. Use the APS supplied JCL DB2SGRNT to grant the APS plans.

**Step 4.** Edit the APS genpanel APS4000 member if needed.

- Verify that the value of SSMBYSN = yoursystemid
- Verify that the value of A1DPPLAN = the first 4 characters of the APS plans in the DB2SBIND JCL that was executed.
- Verify that any DB2 or other datasets changed in the TSO startup are changed in the APS4000 genpanel member.
- This would include CICS, ISPF, SDSF, DB2, COBOL, LE.
- Reset the APS profile in TSO. Start up APS and do the A.0.0 option 1. When option 1 is entered and the ENTER KEY is pressed, there will be no message. PF3 to exit.

**Step 5.** Verify the values in the TSO profile. From the APS command line do:

- TSO VCHG SSMBYSN -value should equal yoursystemid
- TSO VCHG A1DPPLAN -value should equal first 4 character of all APS plan names
- TSO VCHG DSNDB2L -value should equal the DB2 DSNLOAD dataset name
- TSO VCHG others -example: DSNIGZ3R should equal the CEE.SCEERUN Runtime dataset name.

If the values in APS TSO VCHG do not match what is in the APS4000 panel in GENPANEL, then this is an ISPF concatenation problem in your panels (ISPPLIB) that you must fix to pick up the correct panel for the A.0.0 reset.

**Step 6.** Within APS, go to panel A.4.4.S. You should not get any error messages. If the DBA has reloaded the data into your APS tables in Step 1, you should now be able to browse your existing subschema's. If the data from your old subsystem has not been migrated, you will need to manually import all DB2 tables used by your subschema using the SQL import in panel A.2.1.1.