

## **VM/HPO 5 System (Level 519, PTF 8904) Notes**

**August 19, 2020**

### **IPL addresses:**

- 1C0 - loads VM/HPO in UP mode
- 1C1 - loads VM/HPO in MP mode

The directory is called SYSTEM DIRECT. Maint's password is CPCMS.

### **Things you'll need to do still:**

1. bring over any userids and data from your existing systems.
2. configure your RSCS CONFIG onto this system's MAINT 59F disk.
3. Configure or copy existing PROFILE TCPIP to this system (TCPMAINT 593).

### **If you need to rebuild the UP system CP Nucleus, for example to change time zone or add i/o devices:**

1. Edit DMKSYS ASSEMBLE or DMKRIO ASSEMBLE as needed.
2. Reassemble what changed:

VMFASM DMKxxx DMKH50

3. Purge the listing from the reader. CP PUR \* R ALL
4. VMFLOAD H50CPLOD DMKH50
5. IPL 00C CLEAR
6. IPL CMS
7. READ CPNUC1C0 MAP
8. Shutdown the system and re-ipl 1C0

### **If you need to rebuild the MP system CP Nucleus, for example to change time zone or add i/o devices:**

9. Edit DMKSYS ASSEMBLE or DMKRIO ASSEMBLE as needed.
10. In DMKSYS you must adjust these: Change SYSRES=1C0 to SYSRES=1C1. Change SYSCOR MP=NO to MP=YES.
11. Reassemble what changed. Note the 'M' on DMKH50M below. **Very important!**

VMFASM DMKxxx DMKH50M

12. Purge the listing from the reader. CP PUR \* R ALL
13. VMFLOAD H50APLOD DMKH50M
14. IPL 00C CLEAR
15. IPL CMS
16. READ CPNUC1C1 MAP
17. Shutdown the system and re-ipl 1C1
18. If later on you wish to rebuild your UP nucleus, don't forget to change back the DMKSYS values, to SYSRES=1C1 back to SYSRES=1C0. Change SYSCOR MP=YES to MP=NO. Then proceed with building a UP nucleus above at step 1.

## **Products installed (all on the Y-disk).**

### **VS/Fortran**

Invoke Fortran via the FORTVS2 command. The program to compile should be named '*filename* FORTRAN'.

### **C**

Invoke the C compiler via the CC command. The program to compile should be named '*filename* C'. For example:

CC TEST (list

### **Assembler H**

Invoke the assembler via the HASM command. The program to assemble should be named '*filename* ASSEMBLE'. Assembler F is still available too.

### **Cobol2**

The Cobol 2 compiler does not work. It should be invoked by the COBOL2 command, but it abends right away. Nevertheless, the compiler was installed in case a solution becomes available and because the run-time libraries are used by CAEARL, below.

### **CA-EARL**

Invoke CA-EARL using the CAEARL command. The program should be named '*filename* EARL'