

# VM/370 Initial Startup

At this point - the system files, virtual disks and other files have been properly located, but then environment will need to be prepared for next steps.

File `sixpack.conf` will need to be reviewed

## Adjust Config File

As delivered, the configuration file will need to be adjusted for subsequent validation/test activities.

- Beneath the commented `httpport` line, add the timezone offset for your local system

```
#HTTPPORT      8081
TZOFFSET      -0800
```

- Locate these statements

```
# These two packs are for CMS/DOS.  I have not tested CMS/DOS!
# Un-comment them if you use them.
#06a0      3350      disks/sysres.3350.cckd ro sf=disks/shadows/sysres_
#07a0      3350      disks/mcat01.3350.cckd ro sf=disks/shadows/mcat01_
```

- Uncomment them so they look like this:

```
06a0      3350      disks/sysres.3350.cckd ro sf=disks/shadows/sysres_
07a0      3350      disks/mcat01.3350.cckd ro sf=disks/shadows/mcat01_
```

## Adjust Startup File

As delivered, the startup file `sixpack.cmd` is very rudimentary:

`sixpack.cmd`

```
: This command file launches the VM/370 SixPack.
: Ensure that the Hercules executable (hercules.exe) is in your path.

start hercules -f sixpack.conf > Log.txt

: Now start the 3270 emulator.
: Feel free to replace this with your preferred terminal emulation
program.
cd WC3270
start wc3270.exe -keymap 3270 -title "VM Login" Model5.wc3270
```

```
cd ..
```

This will need to be replaced later - but for now, we assume that a properly installed `hercules.exe` file is available in your path and you may now launch `sixpack.cmd`.

## Initial Logon

Once launched, two screens will appear

### Hercules console

General User

```
/DMKCPI957I Storage size = 16384 K, Nucleus = 324 K, / Dynamic Paging = 14800 K, Trace Table =
240 K, / Free Storage = 1020 K, Virtual=Real = 00000 K / 03:41:22 FILES: 003 RDR, 270 PRT, NO PUN
/03:41:22 AUTO LOGON *** AUTOLOG1 USERS = 002 BY OPERATOR / /DMKCPI966I Initialization
complete / /03:41:23 AUTO LOGON *** CPWATCH USERS = 003 BY AUTOLOG1 /03:41:23 RDR 00C
DRAINED SYSTEM /03:41:23 PUN 00D DRAINED SYSTEM CLASS = P SEP /03:41:23 PRT 00E DRAINED
SYSTEM CLASS = A SEP /03:41:23 PRT 00F DRAINED SYSTEM CLASS = A SEP /03:41:23 AUTO LOGON
*** CMSBATCH USERS = 004 BY AUTOLOG1 /03:41:23 HHC00009I RRR...RING...GGG! / WNG FROM
AUTOLOG1: AUTOLOG1 DONE - LOGGING OFF /03:41:23 USER DSC LOGOFF AS AUTOLOG1 USERS =
003 HHC02263I Script 1: processing resumed... /enable all HHC02264I Script 1: file hercules.rc
processing ended /03:41:25 /03:41:25 COMMAND COMPLETE HHC01022I 0:00C0 COMM: client
127.0.0.1 devtype 3270: connection closed by client HHC02915I client 1 COMM: Connection received
HHC02914I 0:00C0 COMM: client 1 negotiations complete; ttype = 'IBM-3279-5-E' HHC01018I 0:00C0
COMM: client 127.0.0.1 devtype 3270: connected herc =====>
```

### VM3270 Terminal Window

Although the SixPack default window (as distributed) is a Model 5, for purposes of demonstration, we are showing a smaller window.

VM/370 Online

```

          VV          VV      MM          MM
          VV          VV      MMM         MMM
33333333333 77777777777777 MM000000000
333333333333 777777777777MM MM00000000000
33      VV33    77VV      77  MMMM00MM      00
          V33      VV      77M      MM 00MM      00
          33      VV      77MM      00MM      00
3333VV  VV      77 MM      00MM      00
3333 VVVV      77 MM      00MM      00
          33 VV      77 MM      00MM      00
          33      77      00      00
33      33      77      00      00
333333333333 77      0000000000
33333333333 77      00000000

```

VM/370 Release 6 "SixPack" version 1.2

RUNNING

SIXPACK

**Logon as MAINT**

1. Press Enter
2. Type `l maint cpcms`
3. The following will appear

```
L MAINT CPCMS
DASD 190 LINKED R / W; R / 0 BY 003 USERS
DASD 194 LINKED R / W; R / 0 BY 002 USERS
DASD 19E LINKED R / W; R / 0 BY 002 USERS
FILES: 002 RDR, 107 PRT, NO PUN
LOGON AT 03:56:39 GMT SUNDAY 12/27/20
CMS VERSION 6.0 - 03/11/18 19:50
```

4. Press Enter
5. The rest of the logon sequence will complete and you will see

```
L MAINT CPCMS
DASD 190 LINKED R/W; R/0 BY 003 USERS
DASD 194 LINKED R/W; R/0 BY 002 USERS
DASD 19E LINKED R/W; R/0 BY 002 USERS
FILES: 002 RDR, 107 PRT, NO PUN
LOGON AT 03:56:39 GMT SUNDAY 12/27/20
CMS VERSION 6.0 - 03/11/18 19:50
Y (19E) R/0
U (19D) R/0
B (094) R/0
D (194) R/0
E (294) R/0
F (394) R/0
+-----+
+-----+
|           Welcome to VM/370 and VM/380 "SixPack" version 1.3!
|
+-----+
+-----+
For a list of CMS commands, type HELP CMSCMDS.  For a list of CP
commands, type
HELP CPCMDS.
Other useful documentation and sample programs can be found on MAINT
19D,
accessed as your U disk.
MORE...  SIXPACK
```

6. You will see MORE... on the lower-right-hand corner of the screen. Press Alt-2 (PA-2) to clear this screen

7. You will see the ready message:

```
For more details, type HELP WELCOME ( MORE
For information on building the CP or CMS nucleus, read SYSPROG MEMO.
Ready; T=0.01/0.05 04:00:44
```

Congratulations - you have completed your first login!

You may now proceed to [Audit the Configuration](#)

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