**Showtopo** is an Assembler program (available from here) that produces a report showing the assignment and location of an LPAR's logical CPs and zIIPs. The program does not require authorization (does not need to be in an APF-authorized library), but it does require to be linked on a page boundary (because it uses Assembler statements to separate the instruction area from the data area based on a 256 boundary.). This means that you must use ORDER xxx(P) or PAGE xxx as input for the binder:

    ORDER SHOWTOPO(P)

    ENTRY SHOWTOPO

    NAME SHOWTOPO(R)

To run the program, the only JCL statements required are a STEPLIB or JOBLIB to point at the program, and a SYSPRINT DD statement to direct the report. A sample report is shown below:

```
********************************* TOP OF DATA *********************************
LPAR configuration data for system SP04: Date = 06/02/2016, Time = 11:36:13
System Information Block 15.1.2 processor topology (drawers/nodes/SCMs)

Server: IBM 2964-N63 RAVENNA   capacity: curr=707 perm=707 temp=707
SYSIB_15.1.2: addr=x'023D0000' len=x'0060'
              lvl_6 to lvl_1:  000004020308   max_nesting_lvl:  04

Drawer_no_03   node_no_01   processor_chip_no_01

   VCM_level: medium  zIIP  CPU_mask: 18000000_00000000  CPU(03,04)

                         processor_chip_no_03

   VCM_level: medium  CP    CPU_mask: C0000000_00000000  CPU(00,01)
   VCM_level: low     CP    CPU_mask: 24000000_00000000  CPU(02,05)
****************************** BOTTOM OF DATA ******************************
```

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