

Absolute physical HW LPAR capacity setting

Driver 15 introduced the capability to define (in the image profile for shared processors) the absolute processor capacity that the image is allowed to use (independent of the image weight or other cappings).

To indicate that the LPAR can use the undedicated processors absolute capping, select **Absolute capping** on the Image Profile Processor settings to specify an absolute number of processors at which to cap the LPAR's activity. The absolute capping value can be "None" or a value for the number of processors (0.01 - 255.0).

LPAR group absolute capping

This step is the next step in partition capping options that are available on z14 and z13/z13s servers at Driver level 27 and newer. Following on to LPAR absolute capping, LPAR group absolute capping uses a similar methodology to enforce the following components:

- ▶ Customer licensing
- ▶ Non-z/OS partitions where group soft capping is not an option
- ▶ z/OS partitions where ISV does not support software capping

A group name, processor capping value, and partition membership are specified at the hardware console, along with the following properties:

- ▶ Set an absolute capacity cap by CPU type on a group of LPARs.
- ▶ Allows each of the partitions to use capacity up to their individual limits if the group's aggregate consumption does not exceed the group absolute capacity limit.
- ▶ Includes updated SysEvent QVS support (used by vendors who implement software pricing).
- ▶ Only shared partitions are managed in these groups.
- ▶ Can specify caps for one or more processor types in the group.
- ▶ Specified in absolute processor capacity (for example, 2.5 processors).
- ▶ Use Change LPAR Group Controls (as with windows that are used for software group-defined capacity), as shown in Figure 11-16 (snapshot on a z13 server).

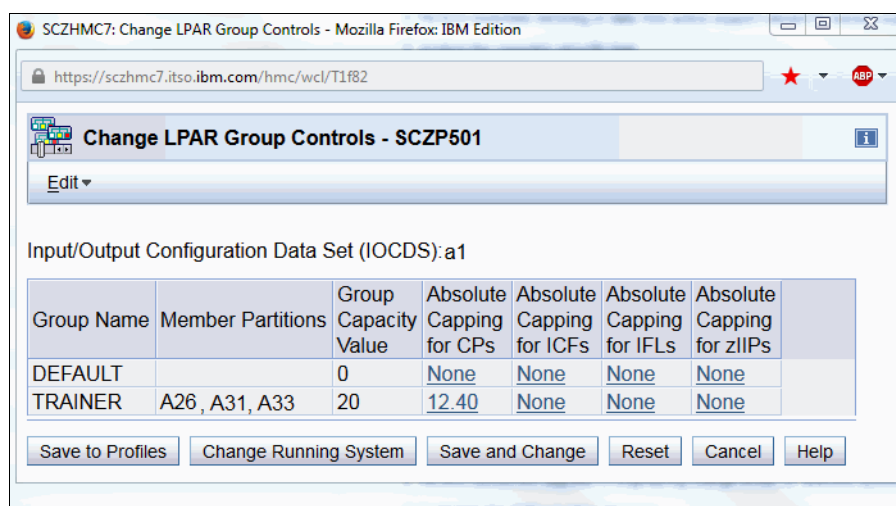


Figure 11-16 Change LPAR Group Controls: Group absolute capping