

# EPV Technologies

## Newsletter



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Past numbers of this newsletter are available on the web at <http://www.epvtech.com>

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This message contains news related to EPV products produced and distributed by EPV Technologies.

The EPV products suite answer problems such as **Managing Performance, Tuning and Capacity Planning** on the most common platforms, **allowing huge savings on HW and SW costs.**

Greater details and information on EPV products and solutions can be found at <http://www.epvtech.com> or writing to [epv.info@epvtech.com](mailto:epv.info@epvtech.com).

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#### 1) **Tech Papers**

##### **Group Capacity**

Fabio Massimo Ottaviani EPV Technologies

The VWLC policy is the real innovation of the WLC software pricing policy proposed by IBM in the mainframe environments. This policy is applicable to the major software product when they run on z/OS on a zSeries (or later) machine.

VWLC allows you to pay software license fees based on the CPU usage (in MSU) instead of the CPC capacity.

The good news is that the CPU usage is calculated based on a 4-hour rolling average[1]; depending on the workload characteristics this value can be much lower than the power of the machine, normally sized to guarantee the service levels in a (eventually) few peak hours.

The bad news is that the VWLC software license fee is a monthly fee based on the **maximum** value of the measured 4-hour rolling average. The complexity of today systems and workloads together with human errors makes it very probable to pay for the full capacity of the CPC most of the time.

To guarantee the expected savings, IBM introduced since the beginning the possibility to set a defined capacity limit at the LPAR level which was not a real solution for most of the customers.

Finally, in z/OS 1.8, IBM introduced the group capacity concept and the possibility to set a limit at the CPC level which seems to be a much more effective option.

[1] The sum of the measured 4-hour rolling MSU averages for all the LPARs in the CPC.

*If you want to receive the white paper you can reply to this e-mail writing **"Group Capacity"** in the subject*

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## 2) Tech News - IBM WSC Experiences with zIIP Processors

This Walt Caprice presentation discusses the results of the work done by the WSC during the zIIP Beta program. The presentation is available at:

<http://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/PRS2123>

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## 3) Tech Notes - EPV User Group 2006

The 4th EPV User Group will be held in Rome, at the Residenza di Ripetta, on October 12nd 2006. The EPV User Group is a "not to miss" event for all Performance Analysts; it will give you the opportunity to share ideas with qualified experts and to listen to some of the EPV customers experiences.

The new versions of the EPV for z/OS, EPV Graph for z/OS and EPV for UNIX products will be presented.

An updated version of our Capacity Planning methodology extended also to non z/OS environments will also be discussed.

You can subscribe to the EPV User Group simply replying to this e-mail.

The final agenda is available at: [www.epvtech.com](http://www.epvtech.com)

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