

# 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**

Tech Papers publishing has temporarily been suspended due to Christmas holidays.

Next paper will be published in January 2007 Newsletter.

The EPV Newsletters staff wish you all a merry Christmas.

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## 2) Tech Support -

### Updated SMF Reference Summary

Since more than 10 years Cheryl Watson have provided a free SMF Reference Summary. It's a compact document including all the essential information to know about SMF. Cheryl updated the SMF Reference Summary up to z/OS 1.7.

You can download the free reference at: <http://www.watsonwalker.com/SMFreference.pdf>

We strongly suggest you to consider a subscription to Cheryl Watson's Tuning Letter.

### WebSphere Application Server V6 for z/OS Tuning Tips

IBM published the updated version of this very useful document. It guides you to tune WebSphere performance by addressing the following issues:

- Tuning z/OS,
- Tuning the subsystems,
- Tuning the WebSphere Application Server runtime.

You can download the pdf at: [http://www-03.ibm.com/support/techdocs/atsmastr.nsf/5cb5ed706d254a8186256c71006d2e0a/f091602670c27f318625713e0050965e/\\$FILE/tuning%20tips%20V6%20032306.pdf](http://www-03.ibm.com/support/techdocs/atsmastr.nsf/5cb5ed706d254a8186256c71006d2e0a/f091602670c27f318625713e0050965e/$FILE/tuning%20tips%20V6%20032306.pdf)

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## 3) Tech News - Incontri CMG - 2007 Seminar

### Integrating zPCR in a practical Capacity Planning methodology

Fabio Massimo Ottaviani, EPV Technologies

This seminar will be held, on March 2007, in collaboration with CMG-Italia. Venue, date and agenda will be available in January.

#### Abstract

*The technological evolution of IBM z machines is based on two key elements:*

- *the increase of single processor power and of the total number of processors available in one machine;*
- *the availability of many specialized processors (ICF, IFL, zAAP, zIIP) in the same machine.*

*This evolution makes mainframe Capacity Planning activities more and more complex. Especially the fact that more and more partitions tend to share the same machine makes very difficult to evaluate the real machine capacity and the PR/SM overhead.*

*Besides, the consolidated practice to use average MIPS values as a reference to machine capacity, independently from the LPARs configuration and workloads, caused many problems to customers*

*planning an upgrade from old to new IBM machines.*

*To face these problems, IBM decided to make available, at the end of 2005, a tool named zPCR, which allows to evaluate the real capacity of a machine taking into account the LPARs configuration (specialized processors included) and workloads.*

*This seminar will introduce to the use of zPCR showing how to use it in different real life scenarios and how to integrate it in a practical Capacity Planning methodology.*

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#### **4) Tech Notes - EPV Newsletters**

To allow a quicker search of the needed information, all the published EPV Newsletters have been included in one pdf document.

The document is available at [http://www.epvtech.com/EN/newsletters/epvtnu\\_eng.pdf](http://www.epvtech.com/EN/newsletters/epvtnu_eng.pdf)

We thank Mauro Iodice (Banca Popolare Italiana) for his advice.

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