

# EPV Technologies

## Newsletter



27 aug 2007 - Number 8

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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**

**CPU Latent Demand and Specialized Processors**

Fabio Massimo Ottaviani - EPV Technologies

Performance analysts know that, if the CPU utilisation is at 100% for long periods of time, there is a strong probability that the system is saturated and a further resource demand, hidden in the CPU queue, needs to be estimated. This question is generally known as "CPU latent demand".

Most of the techniques used to estimate latent demand in the last years have been based on the CPU ready queue. Unfortunately the availability of the new specialized processors (zAAP and zIIP) changed the meaning of this metric: it now provides the number of AS running on or waiting for GCP, zAAP or zIIP (not only for GCP).

This paper will discuss latent demand in the new zAAP and zIIP world suggesting an approach to understand if latent demand is in the system and to which kind of processor it belongs to.

*If you want to receive the paper you can reply to this e-mail writing "CPU Latent Demand and Specialized Processors" in the subject*

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## 2) Tech News - Upcoming events:

### EPV User Group 2007

The 5th EPV User Group will be held in Rome, at the Residenza di Ripetta, on October 23rd 2007. 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.

Preliminary agenda:

09.30 Registration  
10.00 Welcome  
10.15 User experience (Unix)  
10.45 EPV for Unix V5  
11.15 Coffee break  
11.45 User experience (z/OS)  
12.15 EPV for z/OS V7  
12.45 EPV Parser for SMF (DEMO)  
13.15 Lunch  
14.30 Estimating GCP, zAAP and zIIP Latent Demand  
16.00 End

*All the EPV participating customers are invited to join the "EPV special dinner" to be held on the previous evening at the famous "Taberna dei Gracchi" restaurant.*

Mark the day in your agenda to avoid missing this event.

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## 3) Tech Notes

### z/OS 1.9 Announcement

IBM z/OS V1.9 delivers a highly secure infrastructure you need for your demanding data serving requirements

*IBM United States Software Announcement 207-175*

August 7, 2007

<http://www-03.ibm.com/servers/eserver/zseries/zos/bkserv/r9pdf/> <http://www-306.ibm.com/common/ssi/fcgi-bin/ssialias?infotype=an&subtype=ca&appname=Demonstration&htmlfid=897/ENUS207-175>

### **z/OS 1.9 Manuals**

All z/OS 1.9 manuals already available at: <http://www-03.ibm.com/servers/eserver/zseries/zos/bkserv/r9pdf/>

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