

# EPV Technologies Newsletter

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

### 1) **Tech Papers**

### **Where do my batch jobs spend all this time? – Part2**

In an era of smart web applications fully exploiting the virtualization concept to ultimately run in the cloud, it is astonishing to realize that batch processing is still such an important component of the workload of any z/OS environment.

As batch processing is not usually triggered by a user waiting for an immediate response, the importance of batch in performance tuning and capacity planning activities is often underestimated.

Batch jobs usually run overnight, during the so called "batch window". During this time, online activity is restricted or even completely forbidden. So a good first reason to tune batch jobs is to be sure that the batch window will end before the agreed online start time. This is becoming more and more important because batch activity is still growing at many sites while the batch window is normally shrinking due to 24X7 online demand.

Other reasons to tune batch jobs are:

- batch activity may encroach on the online shift; even when not delaying the online start, it may degrade overall system performance and increase costs, especially for customers using the WLC software cost policy;
- many batch jobs were designed years ago so it may be possible to achieve substantial performance improvements by using up to date technologies.

The bottom line is that tuning batch jobs is an important task.

In order to do that, the first mandatory step is to be able to answer to a very important question: "Where do my batch jobs spend all this time?".

In this paper we will try to provide that answer by analyzing in detail the SMF 30 metrics.

*If you want to receive the paper you can reply to this e-mail writing **"Where do my batch***

**jobs spend all this time? - Part 2" in the subject**

2) Tech News

**IBM Redpaper: Setting Up and Using the IBM System z CPU Measurement Facility with z/OS**

*This IBM Redpaper publication can help you install and manage the IBM System z CPU Measurement Facility (CPU MF) capability. In this paper, you can learn how CPU MF gathers data and how this data can be used to more effectively manage your mainframe environment. You can also learn how this data can be used by IBM to help you more accurately characterize your workloads in preparation for capacity upgrades. The topics covered in this paper target system programmers, capacity planners, or other technical personnel with working knowledge of systems and capacity.*

More details at: <http://www.redbooks.ibm.com/abstracts/redp4727.html?Open>

3) Tech Notes

**IX EPV User Group - Preliminary Agenda**

The IX EPV User Group will be held in Rome on **11th October 2011**. 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 most interesting features provided by the latest versions of all EPV products will also be presented.

**Preliminary agenda**

09:15 Registration  
09:45 Welcome and introduction, *Danilo Gipponi* - EPV Technologies  
10:00 EPV Trends and Directions, *Fabio Massimo Ottaviani* - EPV Technologies  
10:15 What's new in EPV for DB2 V6, *Giuseppe Giacomodonato* - EPV Technologies  
10:45 Why DB2 monitors are not enough - TBD  
11:15 Coffee break  
11:45 UBIS experience, *Mauro Contessa* - UBIS  
12:15 Parsing 1TB of SMF data daily on Windows - TBD  
12:45 What's new in EPV zParser V6, *Matteo Bottazzi* - EPV Technologies  
13:15 Lunch  
14:45 Anatomy of batch jobs elapsed time - Part 1, *Fabio Massimo Ottaviani* - EPV Technologies  
15:30 Coffee break  
15:45 Anatomy of batch jobs elapsed time - Part 2, *Fabio Massimo Ottaviani* - EPV Technologies  
16:30 User Group end

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

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