

# EPV Technologies Newsletter

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<http://www.epvtech.com>



### 1) Tech Papers - Measuring WebSphere MQ - Part 1

WebSphere MQ (WMQ in the following) is a powerful message-oriented middleware which is playing an increasing fundamental role in most current z/OS environments.

WMQ provides a layer of abstraction between its infrastructure components and the applications using those components. This provides the ability to develop and integrate new applications, even when running on different platforms, focusing only on the business logic. The advent of the Service Oriented Architecture (SOA), where WMQ is a key component providing the universal messaging backbone across many different platforms, has made WMQ even more important. Nowadays it is therefore very common that many business critical applications in any z/OS environment rely on WMQ to work and perform as expected.

WMQ is normally very stable and provides good performance, however the impact of a badly performing WMQ infrastructure can be so dramatic that it is critically important for any performance analyst to be able to understand, measure and tune both WMQ components and workloads.

After a short introduction to WMQ concepts and architecture, we will discuss the most important metrics provided in the SMF records to control and tune WMQ performance.

Real life examples will also be discussed.

If not explicitly stated everything in this document refers to WMQ V7.0.

*If you want to receive the paper you can reply to this e-mail writing "Measuring WebSphere MQ - Part 1" in the subject*



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## 2) Tech News - Upcoming Conference in Europe

Here is a first list of "not to miss" events in first half 2012 in Europe:

- "Measuring and tuning MQ infrastructures", CMG-Italia workshop, 14 March 2012, Milan, Italy
- CECMG Annual Conference, 21-23 March 2012, Hannover, Germany
- CMG-Italia Annual Confernce, 10 May 2012, Florence, Italy
- UKCMG Annual Conference, 14-15 May 2012, UK
- GSE Germany Annual Conference, 14-16 May 2012, Leipzig, Germany
- IBM System z Technical University, 21-25 May 2012, Berlin, Germany

More details will be available in next newsletters.

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## 3) Tech Notes - EPV for DB2 V6 GA

EPV for DB2 V6 is now in General Availability.

If you need more information please write to [epv.info@epvtech.com](mailto:epv.info@epvtech.com)

If you have technical questions please write to [epv.support@epvtech.com](mailto:epv.support@epvtech.com)

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## 4) Tech Support - IBM correction for DB2 V10

PM49816: REAL STORAGE INSTRUMENTATION ENHANCEMENT

High DB2 Master CPU noticed on idle system where multiple DB2 V10 are active.

When COUNTPAGES is performed to determine the REAL frame backing rate for a given range of 64bit storage, the CPU time used by DB2 MSTR on an idle system was high. This is due to serialization latching to perform the frame count. If performed on a normally busy system, the usage would likely not be noticed.

More details at: <http://www-01.ibm.com/support/docview.wss?uid=swg1PM49816>

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