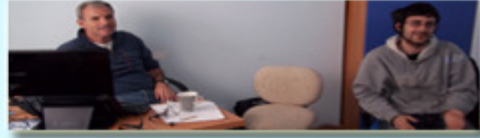# EPV Technologies Newsletter

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In this number:

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

1) Tech Papers - Measuring WebSphere MQ - Part 3

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 3**" *in the subject*

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2) Tech News - Upcoming Conference in May 2012

EPV Technologies will present at the following conferences:

a) CMG-Italia XXVI Annual Conference, Florence, Italy

- "Measuring DB2 Applications",
10 May 2012, 13:00, Session 1

- "Ten Practical Rules for Application Performance Testing ",
10 May 2012, 15:15, Session 1

More details at: www.cmgitalia.org

b) UKCMG Annual Conference, Oxford, UK

- "X-ray your systems",
14 May 2012, 11:30

More details at: www.ukcmg.org.uk

c) IBM System z Technical University, Berlin, Germany

- "Measuring and Tuning Websphere MQ",
23 May 2012, 11:45, room Paris

- "Exploiting CPU Measurement Facility Sampling",
24 May, 14:30, room Montreal

- "Measuring the Websphere Message Broker",
25 May 2012, 8:45, room Paris

More details at: www.gse.org

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3) Tech Notes - EPV Tuning Stories

Problem: Excessive zAAP eligible work on GCPs
Results: The result has been an average reduction of the zAAP and zIIP eligible work on GCPs of about 50% (more than 400 MIPS).

If you want to know the full story reply to this e-mail writing "**Excessive zAAP eligible work on GCPs**" *in the subject*