EPV Technologies Newsletter

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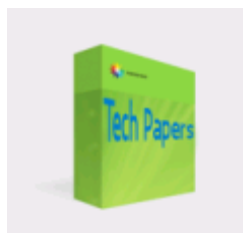
1) Tech Papers - How much CPU did we save with DB2 V10 ?
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Past numbers of this newsletter are available on the web at
http://www.epvtech.com

1) Tech Papers - How much CPU did we save with DB2 V10 ?

The DB2 V10 announcement included the following promise: *customers could achieve "out-of-the-box" DB2 CPU savings of up to 5% - 10% for traditional workloads and up to 20% for specific workloads, when compared to running the same workloads on DB2* 9.

As you can imagine, the possibility of reducing CPU usage (and therefore software costs) has created such great expectations that it has become the most important reason for customers to migrate to DB2 V10.

The reality is, as always, a bit different from the promises. So you can expect that after the migration some customers are happy while others are not completely satisfied.
However the real problem is that most of them are not really sure about the results they got and so they are in trouble when they have to answer to their manager's inevitable question: "How much CPU did we save with DB2 V10 ?".

In this paper we will discuss a methodology, based on real life experiences, which could help you to accurately answer that question.

If you want to receive the paper you can reply to this e-mail writing "**How much CPU did we save with DB2 V10 ?**" *in the subject*

2) Tech News - Upcoming conferences in November

IDUG 2012
The IDUG 2012 Tech Conference will be held in Berlin from **4th** to **9th November 2012** at **Estrel Hotel** located at Sonnenallee 225, Berlin.
EPV Technologies will present:

- "Collecting DB2 measurements in SMF", Tuesday 6 November, 8:30, Estrel Saal C5

More details at: http://www.idug.org/p/cm/ld/fid=177

GSE UK 2012
The GSE UK 2012 Conference will be held in Whittlebury, Towcester on **13th** and **14th November 2012** at **Whittlebury Hall Hotel**.
EPV Technologies will present:

- "WLC: the most important checks", Wednesday 14 November, 10:30, SAM stream
- "WLC: working as designed and yet unexpectedly", Wednesday 14 November, 11:45 SAM stream

More details at: http://tyc.gse.org.uk/gse/presentation/view-all/page/agenda

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3) Tech Notes -

10th EPV User Group report
On October 16th, the 10th International EPV User Group was held in Rome. Attendees from 7 different Countries joined the conference, and returned a very positive feedback of the event.
The usual mixture of user stories, technical papers and EPV development plans made it a very useful day. Especially the user experiences stirred discussions and interest.
Special thanks to Dagmar Fischer (F.I.T.S.) which introduced the topic of SMF System Logger, an area which promise future developments but that is still almost unexplored.
All the presentations are available to EPV customers and prospects upon request.

IBM statement of direction on zAAP
IBM zEnterprise EC12 is planned to be the last high-end System z server to offer support for zAAP specialty engine processors.

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4) Tech Support - IBM APARs for zEC12 machines

OA38660 - New function: RMF support for Storage Class Memory (SCM) and Pageable Large Pages on the IBM zEnterprise EC12 (zEC12) server.
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA38660

OA37160 - New function APAR to add support for the new interrupt

delay time I/O response time statistic (D/T2827).
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA37160

OA39993 - New Function: RMF support of the Interrupt-Delay-Time-Facility on the IBM zEnterprise EC12 (zEC12) server (D/T2827).
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA39993

OA37186 - Adds support for the following new function:
1. HiperDispatch optimizations for cache structures for the IBM zEnterprise EC12.
2. Support for Warning Track for the IBM zEnterprise EC12.
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA37186

OA37803 - New function: RMF support of the Warning-Track-Interruption-Facility on the IBM zEnterprise EC12 (zEC12) server (D/T2827).
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA37803

OA38829 - New function support for the transactional execution facility and zAAP on zIIP.
More details at: http://www-01.ibm.com/support/docview.wss?uid=isg1OA38829

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