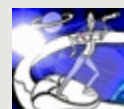


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Past numbers of this newsletter are available on the web at
<http://www.epvtech.com>



1) Tech Papers - WLM: the SYSTEM service class

The Workload Manager (WLM) is an essential component of the z/OS environment.

Its role is to classify the system workloads in user defined service classes and to manage those workloads towards the importance and the goal set for each service class period by the user.

However there are two service classes which are not created by the user: SYSTEM and SYSSTC. These service classes always exist in a z/OS system.

An important characteristic of these service classes is that they don't have a goal so you can't measure a Performance Index for them. They are managed with a very high fixed Dispatching Priority (DP) and I/O Priority (IOP):

- SYSTEM gets 255 for both DP and IOP; this is the highest possible priority; it is used for operative system address spaces;
- SYSSTC gets 254 for both DP and IOP; it is generally used for highly important started tasks processing.

In this paper we will focus on the SYSTEM service class to discuss:

- what is classified in SYSTEM by default;
- what the user can and should do;
- what performance measurements are available and how they can be used.

If you want to receive the paper you can reply to this e-mail writing "WLM: the SYSTEM service class" in the subject



2) Tech News – IDUG 2014 in Prague

The IDUG DB2 Technical Conference will take place on November 9-14, 2014 at the Clarion Congress Hotel in Prague, Czech Republic.

EPV Technologies will present: "Investigating the IDAA with SMF", session E02, November 10th , 12:00

More details at: <http://www.idug.org/p/cm/ld/fid=376>



3) Tech Notes - EPV User Group 2014 Summary Report

On October 9th we held our XII User Group in Rome. This year the participants were 54 from 26 different Companies from 4 Countries in Europe.

The agenda included 4 user presentations:

- Resource optimization to reduce IT-Costs at Gothaer Systems, Hans-Gerd Schneider, Gothaer Systems
- Moving EPV ... to EPV ..., Pietro Paolini, SIA
- Reporting and Tuning of New Applications with MyEPV, Mario Teglio, Independent Consultant
- How we use EPV for DB2, Mauro Canavesi, Banca Popolare di Milano

All of them stimulated lot of questions and discussion.

Also the new features of the EPV V12 suite were well perceived producing very meeting positive feedback with a special note for the new User Interface. The EPV V12 products suite is now in general availability worldwide.

The agenda included the following EPV presentations:

- EPV User Interface update
- What's new in EPV for WMQ V12
- What's new in EPV SMF2XL V2
- What's new in EPV for DB2 V12

The day ended with the "Saving Money with the IDAA ?" presentation discussing how to analyse the performance of the IBM DB2 Analytics

Accelerator and how to evaluate the possible benefits you can get in terms of cost reduction.

EPV users can request the presentations by sending an email to epv.info@epvtech.com



4) Tech Support - Important WebSphere MQ corrections

PI05792: High CPU utilisation in program CSQ7PLRT when SMF class(3) accounting trace is running. CSQ7COLL and CSQ7DEAL have been changed so that they no longer place the deallocated thread block pointer on a hash chain but on a list which contains only those threads which should be processed. This is much more efficient.

More details at: <http://www-01.ibm.com/support/docview.wss?uid=swg1PI05792>

PI07866: THE ZOS MQ MASTER ADDRESS SPACE MIPS INCREASES BETWEEN QMGR RESTARTS

The customer is running MQ V7.0.1. They noticed the continual MIPS increase in the Queue Manager (QMGR) Master address space between QMGR restarts.

More details at: <http://www-01.ibm.com/support/docview.wss?uid=swg1PI07866>

PI17215: WMQ V7 - SMF116 WTASCTN (AND WTASCET AND WTASCCT) VALUES FOR LONG-RUNNING TASKS ARE NOT CLEARED AT EACH SMF INTERVAL.

The count of MQCTLs in SMF 116 records (WTASCTN) is incorrect for long-running tasks as the count is not cleared at each SMF interval (WTASCTET and WTASCTCT are also incorrect, as are WTASTPN, WTASSUN, WTASSQN, WTASSTN).

More details at: <http://www-01.ibm.com/support/docview.wss?uid=swg1PI17215>

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