

# EPV Technologies

## Newsletter



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

### In this number

- 1) **Tech Papers** - The power of homogeneous report classes
- 2) **Tech Notes** - EPV for zOS V5, EPV Graph for z/OS V1
- 3) **Tech News** - Marketing campaign for EPV Graph for z/OS

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This message contains news related to EPV products produced and distributed by EPV Technologies.

The EPV products suite answer problems such as **Managing Performance, Tuning and Capacity Planning** on the most common platforms, **allowing huge savings on HW and SW costs.**

Greater details and information on EPV products and solutions can be found at <http://www.epvtech.com> or writing to [epv.info@epvtech.com](mailto:epv.info@epvtech.com).

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### 1) Tech Papers

#### **The power of homogeneous report classes**

Fabio Massimo Ottaviani – EPV Technologies

White paper – WLM series

Report classes have been traditionally used to aggregate workloads and collect information about their consumptions for resource accounting and tuning purposes. One of the major advantages is that you can create up to 999 report classes, with a maximum of one report class per work request or transaction, with no substantial overhead on the system.

Report classes can be used to report on a subset of transactions running in a single service class but

also to combine transactions running in different service classes within one report class. In the first case, a report class is called homogeneous, in the second case it is called heterogeneous.

It is important to understand that heterogeneous report classes could show incorrect performance information, since the data collected are based on different goals, importance, or duration. For this reason the data produced by RMF are very limited when a report class is dubbed as heterogeneous in the reporting period.

On the contrary homogeneous report classes can be multi-period and provide all the information normally available in service class reports including also goals, average response times and response time distribution buckets.

This paper will describe two scenarios where homogeneous report classes can be used for service level reporting and CICS/IMS transactions performance evaluation.

*If you want to receive the EPV paper you can reply to this e-mail writing " **The power of homogeneous report classes** " in the subject*

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## **2) Tech Notes - EPV for zOS V5, EPV Graph for z/OS V1**

### **Product Availability - EPV for z/OS V5**

EPV for z/OS version 5 is now in General Availability.

Major enhancements are:

- Exception Service
- Enhanced IRD Support
- Soft Capping Support
- Extended WLM Support
- MSU Usage Views
- Detailed A.S. CPU Usage
- Full FICON Support
- Enhanced Websphere Support
- zAAP Support
- Highlight Row (GUI function)
- Table Open/Close (GUI function)
- Table Scrolling (GUI function)

### **Product Announcement - EPV Graph for z/OS V1**

The new EPV Graph for z/OS product is in Managed Availability.

This product is based on the EPV for z/OS database.

The graphs production is completely automatic and transparent to the users. The product is designed to allow an intuitive and easy navigation by means of drill down and up techniques.

The information provided in this version are:

- MIPS Detail Vision: to analyze the CPU utilization in MIPS starting from the enterprise to the CEC, LPAR, workload and address space level;

- MSU Detail Vision: to analyze the CPU utilization in MSU starting from the enterprise to the CEC, LPAR, workload and address space level;
  - Throughput Detail Vision: to analyze the batch, TSO, CICS, IMS, DDF, MQ and Websphere throughput at enterprise, CEC, LPAR and subsystem level;
  - MIPS Trend Vision: to analyze the CPU utilization trend in MIPS at enterprise, CEC, LPAR and workload level;
  - MSU Trend Vision: to analyze the CPU utilization trend in MSU at enterprise, CEC, LPAR and workload level;
  - Throughput Trend Vision to analyze the batch, TSO, CICS, IMS, DDF, MQ and Websphere throughput trend at enterprise, di CEC, LPAR and subsystem level;
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### 3) Tech News - Marketing campaign for EPV Graph for z/OS

One of the highlights of the 3rd EPV User's Group has been the presentation of the new EPV GRAPH for z/OS product.

The product using the EPV proprietary technology produces a correlated, management oriented, set of graphs starting from the EPV for z/OS database. EPV for z/OS is the only pre requisite. Meanwhile a marketing campaign reserved to actual customers has been launched, to offer a free trial and a very convenient price to acquire this brand new software.

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