Question asked during the CMG-Canada presentation on April 19, 2016.

Most EPV reports indicated value at one-hour intervals, from 0h to 23h. Is it possible for EPV to display these values for a different time interval, as example 30 minutes instead one-hour?

All EPV reports based on RMF data are displayed using the default RMF interval set in SYS1.PARMLIB(INTVAL). If INTVAL is set to 10 minutes, EPV displays the RMF related data on a 10 minutes’ interval.

For all other EPV reports, the default interval is set to one hour. This is the EPV default, out-of-the-box, it is simple to view EPV reports with different time interval. EPV is an open system that allows you to configure and create your own reports according to your specific needs. New EPV custom reports can be easily created using MyEPV or using any SQL Query tool to extract information directly from EPV databases. The EPV database layout is fully documented so it is easy to do data-mining to produce all reports your organization needs.

The new z13 machines include “hidden” Linux machines mainly used for statistics analysis. Does EPV support this new environment?

The new z13 feature allows to run multiple Linux LPARs using a single IFL adapter. This new feature has no major impacts on EPV mainly because EPV for z/OS already produce detailed reports about IFL utilization.

The new Linux on z environment can be used to run the EPV process. We currently have one customer that runs EPV for z/OS in this new Linux environment. So far, the overall performances are very good compared to traditional Linux machines running under z/VM.

Do you know if any EPV customer uses TIBCO Spotfire to develop custom reports?

EPV information is stored in standard SQL databases so any SQL Query application can extract the data. Also, the data displayed in EPV reports can be easily exported to flat CSV files or to Excel spreadsheets.

We have many customers that currently use a variety of tools to develop custom reports. It is fairly difficult for us to know the list of all reporting tools used by our customers. We are not aware of anyone currently using TIBCO, but we are confident it can be used to produce custom EPV reports. TIBCO supports a number of different input data sources, including SQL connectors so it should be straightforward to extract data from EPV databases.

Most EPV thresholds are “Self-Adaptive”, but how does it work? Does EPV compare the values with yesterday data or to the same day last week?

EPV uses fairly complex statistical algorithms to calculate the most accurate threshold values.
Every day, EPV keeps in its statistical database the current utilization for System Resources, Workload activities and System Throughput. The statistical database contains the last 60 days of system activities.

During the EPV process that usually runs during the night, EPV compares the current values of the day with the values saved in the statistical database. If the current value exceeds three times the Standard deviation, it is automatically flagged as an exception. This is the standard method used by EPV, but this statistical analysis is fully configurable to adapt it to specific customer needs.

How does EPV determine the Daily Trends for resources? Does it take the average value for the full day or does it use an hour range?

There are different ways to display view the Daily Trends reports. The simplest view simply uses the average value of the full day. To obtain different views, you simply need to define specific periods of the days or what we call Shifts. As an example, you can define a Day-shift from 7 am to 6 pm, a Night-shift from 7 pm to 7 am. You can also define overlapped shifts, like Peak-shift from 10 am to 3 pm.

When looking at the EPV Daily Trends, there is a combo box that allows selecting and viewing the Daily trend data for the full day or only for a specific shift.

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**EADM - Easy Analyze Disk Mainframe**

**Does EADM support Peer to Peer Remote Copy (PPRC)?**

EADM provides detailed information about the Front-end and Back-end Adapters.

Using the information contained in RMF data, EADM displays the exact number of WRITE that needs to be replicated for each SSID. The ESS Link Statistics showing the WRITE transfer rate for the PPRC links are also displayed by EADM.