



epv

IT Cost
Under Control

EPV Technologies

Newsletter

July 2020

THIS MONTH HIGHLIGHTS

- Running EPV on zCX
- EPV User Group 2020 – Preliminary Agenda

Running EPV on zCX

Probably the most exciting new functionality introduced with z/OS 2.4 is z/OS Container Extensions (zCX). Thanks to zCX, most applications that are currently only available to run on Linux, will be able to run on z/OS as Docker containers.

Since the beginning, the EPV products main policy has been to provide all the needed information for z/OS performance analysis and capacity planning by running outside of z/OS. You can run EPV products on Windows, Linux, Linux on Z and Unix but not on z/OS.

The major reason of this choice is our continuous effort to reduce customers z/OS hardware and software costs.

Nevertheless, some customers still prefer to keep their SMF and other z/OS data processing on z/OS, because of this platform's unmatched characteristics of security, availability, manageability and performance.

With zCX, it is now possible to run the EPV products code on z/OS, with no changes. The impact on hardware and software costs will be greatly reduced thanks to the exploitation of zIIPs allowed by this technology.

In this paper after a short introduction to Docker and zCX, we will discuss what you should do to install and run EPV in this new environment.

*If you want to receive the paper you can reply to this e-mail writing "**Running EPV on zCX**" in the subject*

EPV User Group 2020 – Preliminary Agenda

The XVIII EPV User Group will be a “virtual” user group.

To allow for the widest possible participation, all sessions will be repeated twice and spread across four days from 21st to 24th September.

The EPV User Group is a "not to miss" event for all Performance Analysts; it will give you the opportunity to share ideas with qualified experts and to listen to some of the EPV customers experiences. The most interesting features provided by the latest versions of all EPV products will also be presented.

The EPV User Group is free of charge and reserved to EPV customers. If you are not a customer yet but you are interested in participating, please answer to this e-mail asking for an invitation.

Mark these dates in your agenda to avoid missing this event.

Preliminary Agenda

Session 1

#####	Monday	09:30 – 10:15	EPV products evolution	Danilo Gipponi	EPV Technologies
#####	Monday	11:00 – 11:45	New EPV User Interface	Matteo Bottazzi	EPV Technologies
#####	Monday	14:30 – 15:15	Using of EPV User Trend Reports at Gothaer Systems	Hans Gerd Schneider	Gothaer Systems
#####	Monday	15:30 – 16:15	EPV for CICS highlights	Fabio Massimo Ottaviani	EPV Technologies
#####	Tuesday	09:30 – 10:15	Anomaly Detection for CICS Web Services	Marco Pani	CEDACRI
#####	Tuesday	11:00 – 11:45	EPV on Docker and zCX	Matteo Bottazzi	EPV Technologies
#####	Tuesday	14:30 – 15:15	Using MyEPV	Mark Cohen Austrowiek	EPV Technologies
#####	Tuesday	15:30 – 16:15	User Experience	TBD	TBD

Session 2

#####	Wednesday	09:30 – 10:15	EPV products evolution	Danilo Gipponi	EPV Technologies
#####	Wednesday	11:00 – 11:45	Using of EPV User Trend Reports at Gothaer Systems	Hans Gerd Schneider	Gothaer Systems
#####	Wednesday	14:30 – 15:15	EPV for CICS highlights	Fabio Massimo Ottaviani	EPV Technologies
#####	Wednesday	15:30 – 16:15	New EPV User Interface	Matteo Bottazzi	EPV Technologies
#####	Thursday	09:30 – 10:15	Using MyEPV	Mark Cohen Austrowiek	EPV Technologies
#####	Thursday	11:00 – 11:45	User Experience	TBD	TBD
#####	Thursday	14:30 – 15:15	EPV on Docker and zCX	Matteo Bottazzi	EPV Technologies
#####	Thursday	15:30 – 16:15	Anomaly Detection for CICS Web Services	Marco Pani	CEDACRI

More details and subscription forms in the next newsletter.





Customer Questions

I looked at the SIIS% index for our production LPARs and identified index values above 10% on one of them. We have some work to do to identify the workloads behind these peaks.

When looking at this index for zIIP processors, it shows values above 20% for a specific LPAR. With peaks above 10% on most production LPARs. First suspect here is an ISV product, but I need to further investigate this.

Two questions popped up:

- 1) Would you consider a high SIIS% index value on zIIP as an issue? It wastes CPU cycles, delivers less performance, increases the risk that zIIP eligible workload offloads to CPU, so I would say: yes, it is an issue. Even if there is no direct cost impact. What do you think about this?
- 2) The index is calculated over a 1-hour period. When looking at SMF interval data (15min), we see higher SIIS% peaks of course. The IBM documentation is not clear about the intervals over which the index should be calculated. Is this always to be done on hourly aggregated values for SMF113 metrics?

EPV Technical Support answer

- 1) *We agree with your considerations. An attempt should be done to fix the issue on zIIP too.*
- 2) *We saw a presentation from John Burg where the analysis, at a customer site, is done using the RMF interval. However, we think that most relevant issues can be intercepted using a 1-hour interval. Of course, if, when looking at the %SIIS value at the hour, you do not see high values anymore, you can decide to move or not your analysis at the RMF interval. If your interval is 15 minutes and the values, you see at the hour, are lower than 2%, probably you could avoid it.*



Acronyms

Acronym	Meaning	Context
BMP	Batch Message Processing	IMS
CQS	Common Queue Server	IMS
DBCTL	DataBase ConTroL	IMS
DBRC	DataBase Recovery Control	IMS
DCCTL	Data Communication ConTroL	IMS
DLI	Data Language Interface	IMS
DLISAS	Data Language Interface Separate Address Space	IMS
IFP	Information management system Fast Path	IMS
IMS	Information Management System	IMS
JBP	Java Batch Processing	IMS
JMP	Java Message Processing	IMS
MPP	Message Processing Program	IMS
MSC	Multiple Systems Coupling	IMS
OLDS	Online Log Data Set	IMS
OTE	Open Transaction Environment	IMS
OTMA	Open Transaction Manager Access	IMS
RDS	Restart Data Set	IMS
RLDS	Recovery Log Data Set	IMS
SLDS	System Log Data Set	IMS
WADS	Write Ahead Data Set	IMS

Quotes



"Open your eyes, look within. Are you satisfied with the life you're living?"

Bob Marley

Copyright © 2020 EPV Technologies, All rights reserved.

If you've received this mail by mistake, or you don't want to receive any more such messages, please send an e-mail to epv.info@epvtech.com with subject "REMOVE". You'll be promptly removed from the list. If you want to subscribe to this list you can do that simply by sending an e-mail to epv.info@epvtech.com with a subject "SUBSCRIBE".

Our mailing address is:
EPV Technologies
Viale Angelico, 54

Roma, RM 00195

Italy

Images designed by : [Freepik](#), [Flaticon](#)

This email was sent to carlotta.ottaviani@epvtech.com
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)
EPV Technologies · Viale Angelico, 54 · Roma, RM 00195 · Italy

