EPV Technologies

Newsletter
August 2022

- EPV User Group 2022 – Preliminary Agenda
- IBM Redbooks - VSAM Demystified

EPV User Group 2022

EPV User Group 2022
Virtual Edition

24-27 October 2022

20 ANNIVERSARY

Performance and Capacity Planning
for mainframe environments

The XX 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 24th to 27th October.

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.

			Session A		
	24/10/2022	Monday	09:30 – 09:45	Introduction - First day	Danilo Gipponi	EPV Technologies
A1	24/10/2022	Monday	09:45 – 10:15	Latest enhancements in EPV for zOS V16	Massimo Orlando	EPV Technologies
	24/10/2022	Monday	10:30 – 11:00	Are you ready for TFP?	Mark Cohen Austrowiek	EPV Technologies
	24/10/2022	Monday	11:15 – 11:45	From z14 to z16: a user experience	Danilo Gipponi	EPV Technologies
	24/10/2022	Monday	14:00 – 14:15	10 management questions you can answer in seconds with EPV Graph for z/OS	Fabio Massimo Ottaviani	EPV Technologies
	24/10/2022	Monday	14:30 – 15:00	Real-time monitoring with EPV	Roberto Gioi	MPS
	24/10/2022	Monday	15:15 – 15:45	z16 Capacity Planning	Danilo Gipponi	EPV Technologies

A2	25/10/2022	Tuesday	09:30 – 09:45	Introduction - Second day	Danilo Gipponi	EPV Technologies
	25/10/2022	Tuesday	09:45 – 10:15	Exploiting zERT SMF Data with EPV zParser	Michele Giannuli, Stefano Sidoli	CSE
	25/10/2022	Tuesday	10:30 – 11:00	Ad-hoc analysis with MyEPV V16	Mark Cohen Austrowiek	EPV Technologies
	25/10/2022	Tuesday	11:15 – 11:45	Work Less and Gain More 2.0	Yosh Kasmirsky	Discount Bank
	25/10/2022	Tuesday	14:00 – 14:15	Feeding a data lake with EPV zParser	Matteo Bottazzi	EPV Technologies
	25/10/2022	Tuesday	14:30 – 15:00	What's new in EPV for Db2 V16	Dana Cohen Austrowiek	EPV Technologies
	25/10/2022	Tuesday	15:15 – 15:45	New measurements in Db2 V13	Fabio Massimo Ottaviani	EPV Technologies

			Session B		
B1	26/10/2022	Wednesday	09:30 – 09:45	Introduction - First day	Danilo Gipponi	EPV Technologies
	26/10/2022	Wednesday	09:45 – 10:15	Latest enhancements in EPV for zOS V16	Massimo Orlando	EPV Technologies
	26/10/2022	Wednesday	10:30 – 11:00	Are you ready for TFP?	Mark Cohen Austrowiek	EPV Technologies
	26/10/2022	Wednesday	11:15 – 11:45	From z14 to z16: a user experience	Danilo Gipponi	EPV Technologies
	26/10/2022	Wednesday	14:00 – 14:15	10 management questions you can answer in seconds with EPV Graph for z/OS	Fabio Massimo Ottaviani	EPV Technologies
	24/10/2022	Wednesday	14:30 – 15:00	Real-time monitoring with EPV	Roberto Gioi	MPS
	26/10/2022	Wednesday	15:15 – 15:45	z16 Capacity Planning	Danilo Gipponi	EPV Technologies

B2	27/10/2022	Thursday	09:30 – 09:45	Introduction - Second day	Danilo Gipponi	EPV Technologies
	27/10/2022	Thursday	09:45 – 10:15	Exploiting zERT SMF Data with EPV zParser	Michele Giannuli, Stefano Sidoli	CSE
	27/10/2022	Thursday	10:30 – 11:00	Ad-hoc analysis with MyEPV V16	Mark Cohen Austrowiek	EPV Technologies
	27/10/2022	Thursday	11:15 – 11:45	Work Less and Gain More 2.0	Yosh Kasmirsky	Discount Bank
	27/10/2022	Thursday	14:00 – 14:15	Feeding a data lake with EPV zParser	Matteo Bottazzi	EPV Technologies
	27/10/2022	Thursday	14:30 – 15:00	What's new in EPV for Db2 V16	Dana Cohen Austrowiek	EPV Technologies
	27/10/2022	Thursday	15:15 – 15:45	New measurements in Db2 V13	Fabio Massimo Ottaviani	EPV Technologies

Subscription

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.

The subscription form is available at: www.epvtech.com

IBM Redbooks - VSAM Demystified

Virtual Storage Access Method (VSAM) is one of the access methods used to process data.
Many of us have used VSAM and work with VSAM data sets daily, but exactly how it works and why we use it instead of another access method is a mystery. This book helps to demystify VSAM and gives you the information necessary to understand, evaluate, and use VSAM properly.

Download it at: [VSAM Demystified](#)

Customer Questions

Do you know if SIIS issues are still possible with the z16?

EPV Technical Support answer
Even if the z16 processor cache architecture is quite different from previous IBM machines, CPU wastes due to Store Into the Instruction Stream (SIIS) events can still be an issue.

The formula to calculate the percentage of Level 1 cache miss compared to the Level 1 cache miss total, due to SIIS events, is:

z16 %SIIS = E170 / B2 *100

Suggested best practices are the same as for z15. When %SIIS is:
• lower than 2%, no action needed
• lower than 5%, some CPU wastes, low priority actions possible
• lower than 10%, consistent CPU wastes, medium priority actions needed
• equal/higher than 10%, relevant CPU wastes, high priority actions needed

Little known SMF parameters
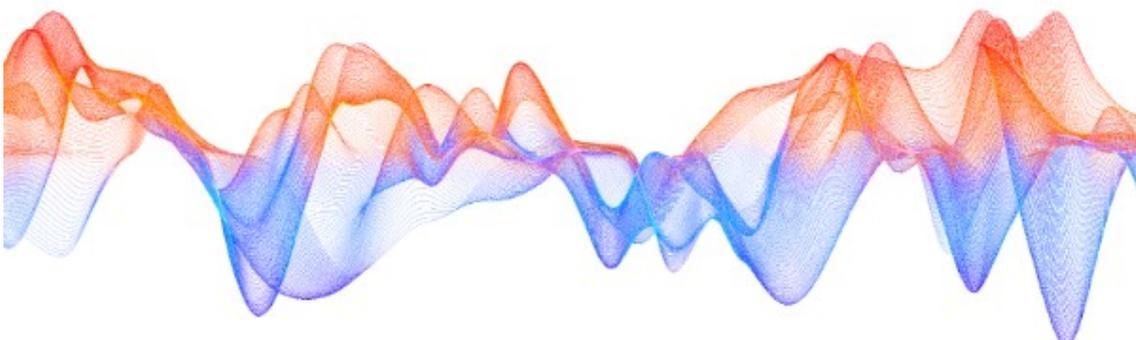
NOARECSIGN/ARECSIGN

The NOARECSIGN/ARECSIGN parameter is included in the SMFPRMxx member of the system parmlib.
This parameter applies to SMF written to log stream only. Default is NOARECSIGN.

It extends the digital signature support for SMF records written to log streams to optionally include a second digital signature. When enabled, the second signature will use a quantum-safe algorithm to provide an alternative to current algorithms that have been deemed at risk in a quantum computing environment. Also, SMF's signature verification function is extended to include this second signature to help you determine if SMF records have been altered or removed.

To use an alternate signature method, a primary signature method is also required. The steps needed to set up and use a second digital signature are similar to the steps for using a primary digital signature.

If ARECSIGN is specified, the HASH, TOKENNAME, and SIGNATURE keywords must also be specified:

- HASH specifies the hash-technique that ICSF will use to calculate the hash value for the digital signature; the only valid value is SHA512; default is none;
- SIGNATURE specifies the signature type to be used in conjunction with the key specified above; the only valid value is L12 (Dilithium); default is none;
- TOKENNAME specifies the token name to be used with the specified hashing technique; it must be thirty-two characters in length and must be a valid token; default is none.

Quotes

"Every man is guilty of all the good he did not do"

Voltaire

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Add us to your address book

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